UNIVERSITA' DEGLI STUDI DI PALERMO

AREA EDILIZIA SERVIZIO TECNICO E SOSTENIBILITA'

PROGETTO DEI LAVORI DI MANUTENZIONE STRAORDINARIA PER ADEGUAMENTO ANTINCENDIO DEGLI EDIFICI VIA ARCHIRAFI N.30 E 32 DIPARTIMENTO STEBICEF



PROGETTO STRUTTURALE

ELENCO ELABORATI

- ☐ Relazione generale
- ☐ Analisi dei carichi
- ☐ Relazione sui materiali
- ■ Fascicolo di calcolo
- ☐ Piano di manutenzione opere strutturali
- ☐ Particolari costruttivi

IL PROGETTISTA **Ing. Dora Ferreri** Dott. Ing. DORA FERRERI 6078 Sez. A DORA FERRERI Ordine degli Ingegneri della Provincia di Palermo Ingegnere **COLLABORATORE ALLA PROGETTAZIONE** **Arch. Tiziana Longo**	**IL RESPONSABILE DEL PROCEDIEMNTO** **Ing. Dario La Torre** **IL DIRETTORE DEI LAVORI**	**IL RETTORE** **Prof. Massimo Midiri** **IL DIRIGENTE** **Ing. Antonio Sorce**	**Elaborato n.** **Progetto** **Scala** **Data** 08.11.2023 **rev.** 01/ 29.04. 2024

Contenuto:

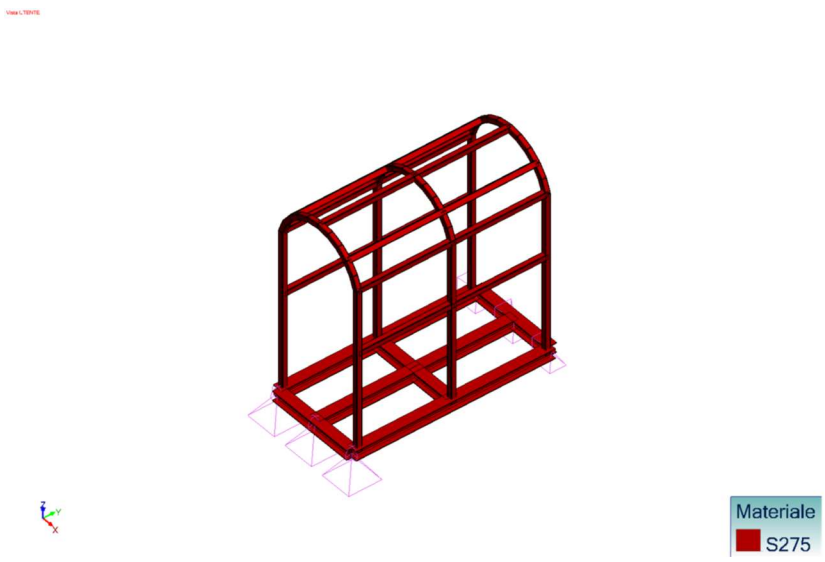
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DATI GEOMETRICI

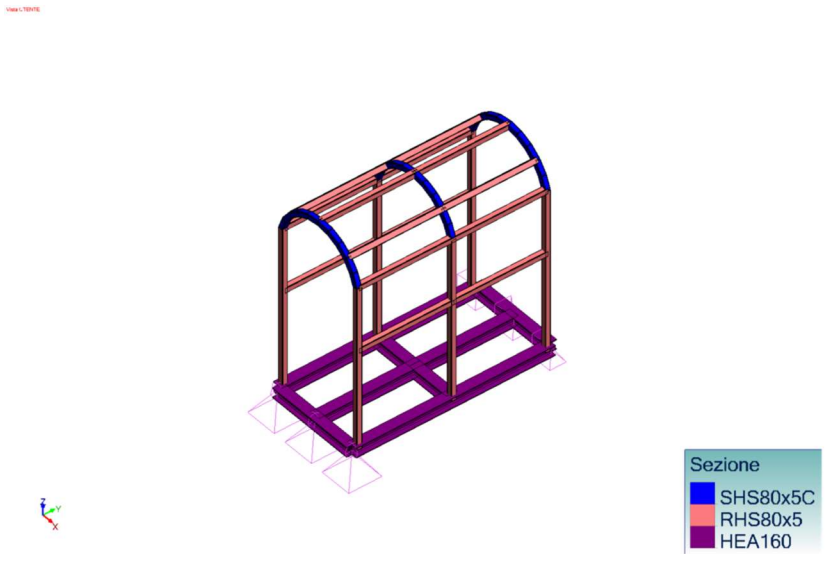
Proprietà modello principale

Proprietà modello principale	
Area di lavoro	Spaziale
Rigidezza a flessione	Sì
Numero nodi	151
Numero elementi lineari	55
Numero elementi superficiali	2
Numero di vincoli puntuali	6
Numero di vincoli lineari	0
Numero di vincoli superficiali	0
Numero di casi di carico	18
Numero combinazioni	305

Geometria modello			
Dimensioni massime della struttura	X = 1.40 m	Y = 3.00 m	Z = 3.00 m
Baricentro	X = 0.70 m	Y = 1.50 m	Z = 0.90 m
Peso totale	**1.03 T**		



1 Vista modello - materiali



2 Vista modello - sezioni

Descrizione sistemi						
Nr.	***Nome***	***Peso proprio***	***Temperatura***	***Fattore di struttura X***	***Fattore di struttura Y***	***Fattore di struttura Z***
1	0 - Struttura	Sì	No	1.000	1.000	1.000
2	1 - TRAVI	Sì	No	1.000	1.000	1.000
3	2 - MONTANTI	Sì	No	1.000	1.000	1.000
4	3 - CORRENTI ORIZZONTALI	Sì	No	1.000	1.000	1.000
5	17 - COPERTURA	Sì	No	1.000	1.000	1.000
6	18 - Struttura predefinita. 1	Sì	No	1.000	1.000	1.000
7	19 - VINCOLI	Sì	No	1.000	1.000	1.000
8	20 - area di carico	Sì	No	1.000	1.000	1.000

Contenuto del sistema: Struttura	
Tipo elemento	***Elenco elementi***
LAMIERA BUGNATA	1-2;

Contenuto del sistema: TRAVI	
Tipo elemento	***Elenco elementi***
TRAVE	17-23;

Contenuto del sistema: MONTANTI	
Tipo elemento	***Elenco elementi***
MONTANTI	5-10;

Contenuto del sistema: CORRENTI ORIZZONTALI	
Tipo elemento	***Elenco elementi***
CORRENTE ORIZZ	11-16;

Contenuto del sistema: COPERTURA	
Tipo elemento	***Elenco elementi***
ARCARECCIO	1-4; 24-25;
trave curva	27-56;

Contenuto del sistema: Struttura predefinita.1	
Tipo elemento	***Elenco elementi***

Contenuto del sistema: VINCOLI	
Tipo elemento	***Elenco elementi***
Vincolo puntuale rigido	1-6;

Contenuto del sistema: area di carico	
Tipo elemento	***Elenco elementi***
Area di carico	11-30;

Descrizione sistemi di coordinate					
Nr.	***Nome***	***Tipo***	***X (m)***	***Y (m)***	***Z (m)***
1	Cartesiano globale	Cartesiano	0.000	0.000	0.000

Distinta materiali

Distinta elementi lineari per sezione						
Sezione	***Area (mm²)***	***Perimetro (mm)***	***Lunghezza (m)***	***Volume (m3)***	***Superficie (m²)***	***Peso (T)***
HEA160	3877.0	932.0	13.20	0.05	12.30	0.40
RHS80x5	1470.0	320.0	34.64	0.05	11.08	0.40
SHS80x5C	1440.0	320.0	5.68	0.01	1.82	0.06
		Totale	53.52	0.11	25.20	0.87

Descrizione elementi lineari

Descrizione elementi lineari							
Nr.	***Punti(m)***	***Materiale***	***Inizio sezione***	***Fine sezione***	***Eccentricità inizio fine(m)(m)(m)(m)***	***Punto di orientamento angolo(°)***	***Svincoli inizio fine***
17	(1.40, 3.00, 0.00) (0.00, 3.00, 0.00)	S275	HEA160	HEA160	(0,0) 0.08 0.00 0.08 0.00	0 0.00	----------
18	(1.40, 1.50, 0.00) (0.70, 1.50, 0.00)	S275	HEA160	HEA160	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
19	(0.70, 1.50, 0.00) (0.00, 1.50, 0.00)	S275	HEA160	HEA160	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
20	(1.40, 0.00, 0.00) (0.00, 0.00, 0.00)	S275	HEA160	HEA160	(0,0) -0.08 0.00 -0.08 0.00	0 0.00	----------
21	(0.00, 3.00, 0.00) (0.00, 0.00, 0.00)	S275	HEA160	HEA160	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
22	(0.70, 3.00, 0.00) (0.70, 0.00, 0.00)	S275	HEA160	HEA160	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
23	(1.40, 3.00, 0.00) (1.40, 0.00, 0.00)	S275	HEA160	HEA160	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
5	(0.00, 0.08, 2.46) (0.00, 0.08, -0.00)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
6	(1.40, 0.08, 2.46) (1.40, 0.08, -0.00)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
7	(1.40, 1.50, 2.46) (1.40, 1.50, -0.00)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
8	(0.00, 1.50, 2.46) (0.00, 1.50, -0.00)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
9	(1.40, 2.92, 2.46) (1.40, 2.92, -0.00)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
10	(0.00, 2.92, 2.46) (0.00, 2.92, -0.00)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
11	(0.00, 2.92, 2.46) (0.00, 0.08, 2.46)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -90.00	----------
12	(1.40, 1.50, 1.50) (1.40, 0.08, 1.50)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -90.00	----------
13	(0.00, 1.50, 1.50) (0.00, 0.08, 1.50)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -90.00	----------
14	(0.00, 2.92, 1.50) (0.00, 1.50, 1.50)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -90.00	----------
15	(1.40, 2.92, 1.50) (1.40, 1.50, 1.50)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -90.00	----------
16	(1.40, 2.92, 2.46) (1.40, 0.08, 2.46)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -90.00	----------
1	(0.70, 2.92, 3.00) (0.70, 1.50, 3.00)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -90.00	----------
2	(0.19, 1.50, 2.79) (0.19, 2.92, 2.79)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -133.00	----------
3	(0.19, 0.08, 2.79) (0.19, 1.50, 2.79)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -133.00	----------
4	(0.70, 1.50, 3.00) (0.70, 0.08, 3.00)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -90.00	----------
24	(1.21, 0.08, 2.79) (1.21, 1.50, 2.79)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -133.00	----------
25	(1.21, 1.50, 2.79) (1.21, 2.92, 2.79)	S275	RHS80x5	RHS80x5	(0,0) 0.00 0.00 0.00 0.00	0 -133.00	----------
27	(0.00, 0.08, 2.46) (0.07, 0.08, 2.63)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
28	(0.07, 0.08, 2.63) (0.19, 0.08, 2.79)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
29	(0.19, 0.08, 2.79) (0.34, 0.08, 2.90)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------

Descrizione elementi lineari							
Nr.	***Punti(m)***	***Materiale***	***Inizio sezione***	***Fine sezione***	***Eccentricità inizio fine(m)(m)(m)(m)***	***Punto di orientamento angolo(°)***	***Svincoli inizio fine***
30	(0.34, 0.08, 2.90) (0.51, 0.08, 2.97)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
31	(0.51, 0.08, 2.97) (0.70, 0.08, 3.00)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
32	(0.70, 0.08, 3.00) (0.89, 0.08, 2.97)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
33	(0.89, 0.08, 2.97) (1.06, 0.08, 2.90)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
34	(1.06, 0.08, 2.90) (1.21, 0.08, 2.79)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
35	(1.21, 0.08, 2.79) (1.33, 0.08, 2.63)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
36	(1.33, 0.08, 2.63) (1.40, 0.08, 2.46)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
37	(1.33, 1.50, 2.63) (1.40, 1.50, 2.46)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
38	(0.07, 1.50, 2.63) (0.19, 1.50, 2.79)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
39	(0.34, 1.50, 2.90) (0.51, 1.50, 2.97)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
40	(1.06, 1.50, 2.90) (1.21, 1.50, 2.79)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
41	(0.00, 1.50, 2.46) (0.07, 1.50, 2.63)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
42	(0.51, 1.50, 2.97) (0.70, 1.50, 3.00)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
43	(0.19, 1.50, 2.79) (0.34, 1.50, 2.90)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
44	(1.21, 1.50, 2.79) (1.33, 1.50, 2.63)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
45	(0.70, 1.50, 3.00) (0.89, 1.50, 2.97)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
46	(0.89, 1.50, 2.97) (1.06, 1.50, 2.90)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
47	(1.33, 2.92, 2.63) (1.40, 2.92, 2.46)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
48	(0.07, 2.92, 2.63) (0.19, 2.92, 2.79)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
49	(0.34, 2.92, 2.90) (0.51, 2.92, 2.97)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
50	(1.06, 2.92, 2.90) (1.21, 2.92, 2.79)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
51	(0.00, 2.92, 2.46) (0.07, 2.92, 2.63)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
52	(0.51, 2.92, 2.97) (0.70, 2.92, 3.00)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
53	(0.19, 2.92, 2.79) (0.34, 2.92, 2.90)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
54	(1.21, 2.92, 2.79) (1.33, 2.92, 2.63)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
55	(0.70, 2.92, 3.00) (0.89, 2.92, 2.97)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------
56	(0.89, 2.92, 2.97) (1.06, 2.92, 2.90)	S275	SHS80x5C	SHS80x5C	(0,0) 0.00 0.00 0.00 0.00	0 0.00	----------

Sezioni utilizzate	
Sezioni	***Elementi***
HEA160	17-23;
RHS80x5	1-3; 4-16; 24-25;
SHS80x5C	27-56;

Descrizione elementi superficiali

Descrizione elementi superficiali								
Nr.	***Nome***	***Tipo***	***Punti(m)***	***Materiale***	***Spessore(mm)***	***Pendenza su x/y***	***Area(m²)***	***Eccentricità(mm)***
1	LAMIERA BUGNATA	piastra	(0.00, 0.00, -0.00) (1.40, 0.00, -0.00) (1.40, 1.50, -0.00) (0.00, 1.50, -0.00)	S275	5.0	0.00 0.00	2.10	2.5

Descrizione elementi superficiali								
Nr.	***Nome***	***Tipo***	***Punti(m)***	***Materiale***	***Spessore(mm)***	***Pendenza su x/y***	***Area(m²)***	***Eccentricità(mm)***
2	LAMIERA BUGNATA	piastra	(0.00, 1.50, -0.00) (1.40, 1.50, -0.00) (1.40, 3.00, -0.00) (0.00, 3.00, -0.00)	S275	5.0	0.00 0.00	2.10	2.5

Spessori utilizzati	
Spessore (mm)	***Elementi***
5.0	1-2;

Descrizione vincoli

Tipi vincoli usati	
Vincolo	***Elementi***

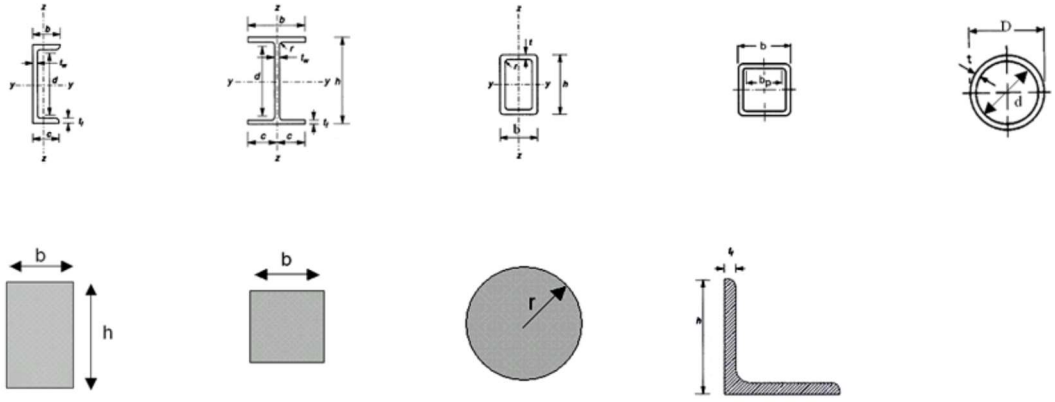
Descrizione dei vincoli puntuali rigidi							
Nr.	***Nome***	***Vincolo interno TX***	***Vincolo interno TY***	***Vincolo interno TZ***	***Vincolo interno RX***	***Vincolo interno RY***	***Vincolo interno RZ***
1	Vincolo puntuale rigido	Incastro	Incastro	Incastro	Libero	Libero	Libero
2	Vincolo puntuale rigido	Incastro	Incastro	Incastro	Libero	Libero	Libero
3	Vincolo puntuale rigido	Incastro	Incastro	Incastro	Libero	Libero	Libero
4	Vincolo puntuale rigido	Incastro	Libero	Incastro	Libero	Libero	Libero
5	Vincolo puntuale rigido	Incastro	Libero	Incastro	Libero	Libero	Libero
6	Vincolo puntuale rigido	Incastro	Libero	Incastro	Libero	Libero	Libero

Descrizione sezioni

Convenzioni:

La convenzione utilizzata dal software per la descrizione delle sezioni è la seguente:

- y: asse debole
- z: asse forte
- h: altezza sezione
- b: larghezza sezione
- tw: spessore anima
- tf: spessore ala
- r: raggio raccordo
- d: altezza della parte destra dell'anima
- ly,lz: momento d'inerzia su y e z
- lyz: momento di inerzia composto
- It: momento d'inerzia torsionale
- Iw: momento d'inerzia per svergolamento
- Welyinf, Welysup: modulo di resistenza a flessione elastico nel lembo superiore / inferiore in y.
- Welyinf, Welysup: modulo di resistenza a flessione elastico nel lembo superiore / inferiore in z.
- Wply, Wplz: Modulo della flessione plastica
- Wt: modulo di torsione
- Sy, Sz: area di taglio in direzione y e z



Dimensioni sezioni								
Denominazione	***b (mm)***	***d (mm)***	***h (mm)***	***r (mm)***	***r1 (mm)***	***tf (mm)***	***tw (mm)***	***disegno***
HEA160	160.0	104.0	152.0	15.0	0.0	9.0	6.0	---

Dimensioni sezioni						
Denominazione	***Altezza (mm)***	***raggio interno (mm)***	***raggio esterno (mm)***	***Spessore (mm)***	***Larghezza (mm)***	***disegno***
RHS80x5	80.0	5.0	7.5	5.0	80.0	---
SHS80x5C	80.0	5.0	10.0	5.0	80.0	---

Proprietà sezioni						
Denominazione	***A (mm²)***	***Iy Iz Iyz It (mm4)***	***Iw (mm6)***	***Welyinf Welysup Welzinf Welzsup (mm3)***	***Wply Wplz Wt (mm3)***	***Sy (mm²)***
HEA160	3877.0	16730000.0 6156000.0 0.0 121900.0	3140966400 0.0	220100.0 220100.0 76950.0 76950.0	245100.0 117600.0 13540.0	3006.0 1321.0
RHS80x5	1470.0	1370000.0 1370000.0 0.0 2170000.0	0.0	34200.0 34200.0 34200.0 34200.0	41100.0 41100.0 49700.6	700.0 700.0
SHS80x5C	1440.0	1310000.0 1310000.0 0.0 2180000.0	0.0	32900.0 32900.0 32900.0 32900.0	39700.0 39700.0 49717.2	700.0 700.0

Descrizione materiali

Materiale acciaio: S275		
t(mm)	40.0	80.0
fy(kg/cm²)	2804.22	2600.28
fu(kg/cm²)	4384.78	4180.84

Materiale calcestruzzo				
Denominazione	***Fck (kg/cm²)***	***Fykl (kg/cm²)***	***Fykt (kg/cm²)***	***eiev***
C25/30	254.93	5098.58	5098.58	3.000

Descrizione nodi

Descrizione delle coordinate del nodo			
Nr.	*X(m)*	*Y(m)*	*Z(m)*
1	1.03	2.09	0.00
2	0.34	2.48	0.00
3	0.97	2.74	0.00
4	0.45	2.81	0.00
5	0.00	0.08	0.00
6	1.40	0.08	0.00
7	0.45	0.19	0.00
8	0.97	0.26	0.00
9	0.34	0.52	0.00
10	1.03	0.91	0.00
11	0.93	1.50	0.00
12	0.00	1.50	0.00
13	1.40	1.50	0.00
14	0.00	2.92	0.00
15	1.40	2.92	0.00
16	0.00	0.00	0.00
17	0.70	0.00	0.00
18	0.93	0.00	0.00
19	1.40	0.00	0.00
20	0.00	0.50	0.00
21	0.70	0.50	0.00
22	1.40	0.50	0.00
23	0.00	1.00	0.00
24	0.70	1.00	0.00
25	1.40	1.00	0.00
26	0.70	1.50	0.00
27	0.00	2.00	0.00
28	0.70	2.00	0.00
29	1.40	2.00	0.00
30	0.00	2.50	0.00
31	0.70	2.50	0.00
32	1.40	2.50	0.00
33	0.00	3.00	0.00
34	0.70	3.00	0.00
35	0.93	3.00	0.00
36	1.40	3.00	0.00
37	0.00	0.08	0.49
38	1.40	0.08	0.49
39	0.00	1.50	0.49
40	1.40	1.50	0.49
41	0.00	2.92	0.49
42	1.40	2.92	0.49
43	0.00	0.08	0.98
44	1.40	0.08	0.98
45	0.00	1.50	0.98
46	1.40	1.50	0.98
47	0.00	2.92	0.98
48	1.40	2.92	0.98
49	0.00	0.08	1.50
50	1.40	0.08	1.50
51	0.00	0.55	1.50
52	1.40	0.55	1.50
53	0.00	1.03	1.50
54	1.40	1.03	1.50

Descrizione delle coordinate del nodo			
Nr.	***X(m)***	***Y(m)***	***Z(m)***
55	0.00	1.50	1.50
56	1.40	1.50	1.50
57	0.00	1.97	1.50
58	1.40	1.97	1.50
59	0.00	2.45	1.50
60	1.40	2.45	1.50
61	0.00	2.92	1.50
62	1.40	2.92	1.50
63	1.40	0.08	1.97
64	1.40	1.50	1.97
65	1.40	2.92	1.97
66	0.00	0.08	1.97
67	0.00	1.50	1.97
68	0.00	2.92	1.97
69	1.40	1.97	2.46
70	1.40	2.45	2.46
71	1.40	0.08	2.46
72	1.40	0.55	2.46
73	1.40	1.03	2.46
74	1.40	1.50	2.46
75	1.40	2.92	2.46
76	0.00	0.08	2.46
77	0.00	0.55	2.46
78	0.00	1.03	2.46
79	0.00	1.50	2.46
80	0.00	1.97	2.46
81	0.00	2.45	2.46
82	0.00	2.92	2.46
83	1.33	0.08	2.63
84	0.07	2.92	2.63
85	0.07	0.08	2.63
86	0.07	1.50	2.63
87	1.33	2.92	2.63
88	1.33	1.50	2.63
89	1.21	0.08	2.79
90	1.21	0.55	2.79
91	1.21	1.03	2.79
92	1.21	1.50	2.79
93	1.21	1.97	2.79
94	1.21	2.45	2.79
95	1.21	2.92	2.79
96	0.19	0.08	2.79
97	0.19	0.55	2.79
98	0.19	1.03	2.79
99	0.19	1.50	2.79
100	0.19	1.97	2.79
101	0.19	2.45	2.79
102	0.19	2.92	2.79
103	1.06	2.92	2.90
104	0.34	2.92	2.90
105	0.34	1.50	2.90
106	1.06	1.50	2.90
107	0.34	0.08	2.90
108	1.06	0.08	2.90
109	0.89	2.92	2.97
110	0.51	1.50	2.97

Descrizione delle coordinate del nodo			
Nr.	***X(m)***	***Y(m)***	***Z(m)***
111	0.89	1.50	2.97
112	0.51	2.92	2.97
113	0.51	0.08	2.97
114	0.89	0.08	2.97
115	0.70	0.08	3.00
116	0.70	0.55	3.00
117	0.70	1.03	3.00
118	0.70	1.50	3.00
119	0.70	1.97	3.00
120	0.70	2.45	3.00
121	0.70	2.92	3.00
122	0.19	0.55	2.79
123	0.00	0.08	0.00
124	1.40	0.08	0.00
125	0.93	1.50	0.00
126	0.00	1.50	0.00
127	1.40	1.50	0.00
128	0.00	0.00	0.00
129	0.70	0.00	0.00
130	0.93	0.00	0.00
131	1.40	0.00	0.00
132	0.00	0.50	0.00
133	1.40	0.50	0.00
134	0.00	1.00	0.00
135	1.40	1.00	0.00
136	0.70	1.50	0.00
137	0.34	2.46	2.90
138	0.93	1.50	0.00
139	0.00	1.50	0.00
140	1.40	1.50	0.00
141	0.00	2.92	0.00
142	1.40	2.92	0.00
143	0.70	1.50	0.00
144	0.00	2.00	0.00
145	1.40	2.00	0.00
146	0.00	2.50	0.00
147	1.40	2.50	0.00
148	0.00	3.00	0.00
149	0.70	3.00	0.00
150	0.93	3.00	0.00
151	1.40	3.00	0.00

Commenti su elementi di geometria			
Famiglia elemento	***Id***	***Sistemi***	***Commento***

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RISULTATI

Analisi modale

Valori modali							
Modo N°	Pulsazione (Rad/s)	Periodo (s)	frequenza (Hz)	Energia (J)	Masse modali		Smorzamento (%)
					X T (%)	Y T (%)	
1	40.87	0.15	6.51	835.05	0.40 (42.43)	0.00 (0.00)	4
2	73.86	0.09	11.76	2727.01	0.00 (0.00)	0.00 (0.00)	4
3	89.45	0.07	14.24	3999.72	0.00 (0.00)	0.41 (42.88)	4
4	200.54	0.03	31.92	20104.94	0.00 (0.00)	0.00 (0.00)	4
5	235.83	0.03	37.53	27808.32	0.00 (0.00)	0.00 (0.03)	4
6	266.81	0.02	42.46	33233.29	0.00 (0.00)	0.00 (0.00)	4
7	283.35	0.02	45.10	40134.46	0.00 (0.00)	0.00 (0.00)	4
8	305.16	0.02	48.57	46444.27	0.03 (3.12)	0.00 (0.00)	4
9	308.27	0.02	49.06	33000.21	0.00 (0.07)	0.00 (0.00)	4
10	312.59	0.02	49.75	16415.21	0.00 (0.00)	0.00 (0.00)	4
11	336.38	0.02	53.54	38809.77	0.00 (0.06)	0.00 (0.00)	4
12	362.73	0.02	57.73	65776.89	0.00 (0.00)	0.00 (0.00)	4
13	368.36	0.02	58.63	67503.43	0.00 (0.05)	0.00 (0.00)	4
14	388.53	0.02	61.84	75466.39	0.00 (0.00)	0.00 (0.00)	4
15	394.41	0.02	62.77	18099.71	0.00 (0.00)	0.00 (0.00)	4
16	406.83	0.02	64.75	79359.57	0.00 (0.00)	0.02 (2.11)	4
17	407.36	0.02	64.83	23728.87	0.00 (0.00)	0.00 (0.11)	4
18	490.08	0.01	78.00	34907.03	0.00 (0.00)	0.00 (0.00)	4
19	492.03	0.01	78.31	36879.58	0.00 (0.00)	0.00 (0.00)	4
20	532.51	0.01	84.75	141702.23	0.00 (0.01)	0.00 (0.00)	4
21	557.60	0.01	88.75	155017.17	0.00 (0.00)	0.00 (0.00)	4
22	563.88	0.01	89.74	158945.51	0.00 (0.00)	0.00 (0.00)	4
23	635.43	0.01	101.13	201875.50	0.00 (0.00)	0.00 (0.02)	4
24	717.57	0.01	114.21	39928.80	0.00 (0.00)	0.00 (0.00)	4
25	718.48	0.01	114.35	45688.06	0.00 (0.00)	0.00 (0.00)	4
26	800.49	0.01	127.40	320329.32	0.00 (0.00)	0.00 (0.00)	4
27	860.86	0.01	137.01	370514.87	0.00 (0.00)	0.00 (0.00)	4
28	883.56	0.01	140.62	380309.62	0.00 (0.00)	0.00 (0.00)	4
29	889.11	0.01	141.51	395248.49	0.00 (0.00)	0.00 (0.00)	4
30	932.74	0.01	148.45	434980.59	0.00 (0.00)	0.00 (0.02)	4
31	952.82	0.01	151.65	452693.11	0.01 (1.11)	0.00 (0.00)	4
32	964.16	0.01	153.45	464717.37	0.00 (0.00)	0.00 (0.00)	4
33	982.75	0.01	156.41	482789.28	0.00 (0.00)	0.00 (0.24)	4
34	1029.42	0.01	163.84	529711.44	0.00 (0.00)	0.00 (0.00)	4
35	1038.53	0.01	165.29	538998.34	0.00 (0.00)	0.00 (0.01)	4
36	1079.37	0.01	171.79	582397.95	0.00 (0.00)	0.00 (0.00)	4
37	1101.34	0.01	175.28	606365.87	0.00 (0.00)	0.00 (0.02)	4
38	1110.54	0.01	176.75	615954.34	0.00 (0.03)	0.00 (0.00)	4
39	1149.02	0.01	182.87	659472.91	0.00 (0.00)	0.00 (0.00)	4
40	1160.28	0.01	184.66	673077.22	0.00 (0.00)	0.00 (0.00)	4
41	1178.15	0.01	187.51	693881.22	0.00 (0.00)	0.00 (0.00)	4
42	1190.58	0.01	189.49	707086.00	0.00 (0.06)	0.00 (0.02)	4
43	1190.89	0.01	189.54	707272.77	0.00 (0.06)	0.00 (0.02)	4
44	1228.03	0.01	195.45	731170.57	0.00 (0.00)	0.00 (0.00)	4
45	1239.56	0.01	197.28	766500.05	0.00 (0.00)	0.00 (0.04)	4
46	1250.51	0.01	199.03	781520.84	0.00 (0.00)	0.00 (0.01)	4
47	1252.17	0.01	199.29	783731.39	0.00 (0.00)	0.00 (0.00)	4
48	1272.63	0.00	202.55	809722.55	0.00 (0.00)	0.00 (0.00)	4
49	1277.57	0.00	203.33	802469.68	0.01 (1.16)	0.00 (0.00)	4
50	1278.45	0.00	203.47	794648.77	0.02 (2.06)	0.00 (0.00)	4
51	1307.58	0.00	208.11	854751.67	0.00 (0.00)	0.00 (0.01)	4
52	1337.17	0.00	212.82	893459.00	0.00 (0.00)	0.00 (0.01)	4
53	1347.40	0.00	214.44	907399.75	0.00 (0.00)	0.00 (0.00)	4
54	1361.62	0.00	216.71	925967.53	0.00 (0.06)	0.00 (0.00)	4
55	1376.39	0.00	219.06	946447.93	0.00 (0.00)	0.00 (0.00)	4
56	1415.09	0.00	225.22	994311.06	0.00 (0.16)	0.00 (0.00)	4
57	1465.78	0.00	233.29	1068823.50	0.00 (0.00)	0.02 (2.58)	4
58	1486.58	0.00	236.60	1104805.11	0.00 (0.00)	0.00 (0.00)	4
59	1496.14	0.00	238.12	1119135.95	0.00 (0.00)	0.00 (0.00)	4
60	1517.01	0.00	241.44	1148152.03	0.00 (0.12)	0.00 (0.00)	4
61	1525.54	0.00	242.80	1163592.65	0.00 (0.00)	0.00 (0.00)	4
62	1562.70	0.00	248.71	1220835.70	0.00 (0.00)	0.00 (0.00)	4
63	1580.15	0.00	251.49	1248309.01	0.00 (0.00)	0.00 (0.03)	4
64	1598.94	0.00	254.48	1246434.56	0.01 (1.21)	0.00 (0.00)	4

Valori modali							
Modo N°	**Pulsazione (Rad/s)**	**Periodo (s)**	**frequenza (Hz)**	**Energia (J)**	**Masse modali**		**Smorzamento (%)**
					X T (%)	**Y T (%)**	
65	1612.75	0.00	256.68	1013709.41	0.11 (12.14)	0.00 (0.00)	4
66	1621.26	0.00	258.03	1311847.46	0.00 (0.07)	0.00 (0.02)	4
67	1633.79	0.00	260.03	1334202.29	0.00 (0.00)	0.00 (0.00)	4
68	1656.75	0.00	263.68	850629.86	0.19 (19.91)	0.00 (0.00)	4
69	1678.44	0.00	267.13	1391584.73	0.01 (0.58)	0.00 (0.01)	4
70	1695.70	0.00	269.88	1431394.85	0.00 (0.18)	0.00 (0.01)	4
71	1819.52	0.00	289.59	1638748.24	0.01 (0.70)	0.00 (0.00)	4
72	1851.19	0.00	294.63	1707846.06	0.00 (0.16)	0.00 (0.00)	4
73	1896.22	0.00	301.79	1796236.87	0.00 (0.01)	0.00 (0.04)	4
74	1975.19	0.00	314.36	1950407.98	0.00 (0.00)	0.00 (0.00)	4
75	1992.86	0.00	317.17	1982524.17	0.00 (0.18)	0.00 (0.00)	4
76	1996.17	0.00	317.70	1989550.56	0.00 (0.07)	0.00 (0.00)	4
77	2041.73	0.00	324.95	2084041.01	0.00 (0.00)	0.00 (0.00)	4
78	2194.99	0.00	349.34	2396087.47	0.00 (0.00)	0.01 (1.12)	4
79	2221.32	0.00	353.53	2465993.48	0.00 (0.00)	0.00 (0.09)	4
80	2256.79	0.00	359.18	2538201.45	0.00 (0.02)	0.00 (0.00)	4
81	2323.78	0.00	369.84	2699176.40	0.00 (0.00)	0.00 (0.00)	4
82	2351.29	0.00	374.22	2764128.12	0.00 (0.00)	0.00 (0.00)	4
83	2421.97	0.00	385.47	2932496.09	0.00 (0.00)	0.00 (0.01)	4
84	2460.29	0.00	391.57	3021220.50	0.00 (0.00)	0.00 (0.03)	4
85	2498.40	0.00	397.63	2314920.68	0.00 (0.00)	0.34 (35.48)	4
86	2525.47	0.00	401.94	3102389.03	0.00 (0.00)	0.03 (3.63)	4
87	2537.19	0.00	403.81	3217970.89	0.00 (0.00)	0.00 (0.01)	4
88	2581.37	0.00	410.84	3275838.86	0.00 (0.00)	0.01 (0.71)	4
89	2658.67	0.00	423.14	3531196.92	0.00 (0.00)	0.00 (0.09)	4
90	2668.52	0.00	424.71	3559235.37	0.00 (0.01)	0.00 (0.03)	4
91	2830.04	0.00	450.42	3995374.49	0.00 (0.01)	0.00 (0.00)	4
92	2880.07	0.00	458.38	4146488.98	0.00 (0.00)	0.00 (0.00)	4
93	2885.06	0.00	459.17	4155426.56	0.00 (0.09)	0.00 (0.00)	4
94	2885.65	0.00	459.26	4161696.67	0.00 (0.00)	0.00 (0.02)	4
95	2907.29	0.00	462.71	4220149.10	0.00 (0.01)	0.00 (0.00)	4
96	2931.76	0.00	466.60	4277230.63	0.00 (0.00)	0.00 (0.32)	4
residuo					0.13 (14.05)	0.10 (10.20)	
Totale				**114594326.18**	**0.95 (100.00)**	**0.95 (100.00)**	

Vettori modali 1 (Sistema globale)						
N° Nodo	**DX**	**DY**	**DZ**	**RX**	**RY**	**RZ**
1	1.068e-005	3.573e-006	-8.044e-004	7.590e-004	2.817e-003	1.455e-008
2	5.906e-006	-4.733e-006	5.150e-004	-8.696e-004	1.756e-003	5.516e-009
3	3.026e-006	4.242e-006	-1.953e-004	7.957e-004	9.080e-004	2.772e-009
4	2.266e-006	-3.682e-006	1.374e-004	-6.417e-004	6.406e-004	-1.798e-009
5	1.616e-007	6.118e-007	1.840e-004	2.285e-003	2.196e-002	2.955e-006
6	1.894e-007	-6.242e-007	-1.839e-004	-2.284e-003	2.195e-002	2.422e-006
7	1.524e-006	-1.678e-007	1.290e-004	6.462e-004	5.824e-004	2.358e-009
8	2.017e-006	-4.773e-007	-1.814e-004	-8.437e-004	8.505e-004	-2.526e-009
9	4.580e-006	6.905e-010	5.063e-004	8.864e-004	1.742e-003	-5.967e-009
10	9.393e-006	8.964e-008	-8.062e-004	-7.627e-004	2.841e-003	-1.961e-008
11	1.825e-005	1.139e-006	-6.936e-004	-7.540e-008	3.065e-003	6.279e-006
12	1.972e-005	-3.351e-006	2.338e-003	2.510e-007	4.161e-003	1.264e-006
13	1.966e-005	3.274e-006	-2.336e-003	-2.226e-007	4.158e-003	9.277e-007
14	7.922e-007	-1.182e-005	1.840e-004	-2.286e-003	2.195e-002	3.324e-006
15	8.555e-007	1.180e-005	-1.839e-004	2.285e-003	2.194e-002	4.151e-006
16	0.000e+000	0.000e+000	0.000e+000	2.307e-003	1.777e-004	-3.884e-006
17	0.000e+000	0.000e+000	0.000e+000	8.063e-008	-8.820e-005	-3.145e-006
18	5.687e-007	-2.131e-007	1.836e-005	-7.685e-004	-5.922e-005	1.037e-006
19	0.000e+000	0.000e+000	0.000e+000	-2.306e-003	1.776e-004	-4.040e-006
20	3.190e-006	1.561e-006	1.114e-003	2.077e-003	1.669e-002	-1.088e-005
21	5.512e-006	-1.200e-007	6.891e-008	2.531e-007	1.222e-003	-1.413e-005
22	3.697e-006	-1.591e-006	-1.113e-003	-2.076e-003	1.669e-002	-1.230e-005
23	9.988e-006	3.342e-007	1.985e-003	1.316e-003	1.043e-002	-2.239e-005
24	1.258e-005	-2.413e-007	1.842e-007	1.848e-007	2.256e-003	-1.584e-005
25	1.074e-005	-4.482e-007	-1.984e-003	-1.315e-003	1.042e-002	-2.110e-005
26	1.800e-005	-2.650e-008	2.228e-007	-1.776e-009	2.928e-003	2.546e-006
27	1.064e-005	-7.572e-006	1.986e-003	-1.316e-003	1.042e-002	2.001e-005
28	1.365e-005	1.701e-007	1.841e-007	-1.777e-007	2.269e-003	1.263e-005
29	1.152e-005	7.580e-006	-1.985e-003	1.315e-003	1.042e-002	1.882e-005

Vettori modali 1 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
30	4.479e-006	-1.046e-005	1.114e-003	-2.077e-003	1.669e-002	1.013e-005
31	6.933e-006	4.211e-008	7.620e-008	-2.142e-007	1.225e-003	1.336e-005
32	5.033e-006	1.046e-005	-1.114e-003	2.076e-003	1.668e-002	1.156e-005
33	0.000e+000	-1.180e-005	0.000e+000	-2.307e-003	1.776e-004	1.363e-005
34	0.000e+000	3.498e-008	0.000e+000	-1.219e-007	-8.813e-005	1.583e-005
35	3.092e-007	3.805e-006	1.834e-005	7.687e-004	-5.917e-005	1.702e-005
36	0.000e+000	1.178e-005	0.000e+000	2.306e-003	1.775e-004	1.443e-005
37	1.176e-002	-4.889e-004	2.102e-004	-3.106e-005	2.539e-002	1.024e-003
38	1.176e-002	4.886e-004	-2.101e-004	3.118e-005	2.538e-002	1.023e-003
39	6.462e-003	-3.644e-006	2.334e-003	8.353e-007	2.059e-002	2.110e-006
40	6.459e-003	3.568e-006	-2.333e-003	-8.620e-007	2.058e-002	1.871e-006
41	1.176e-002	4.784e-004	2.103e-004	2.921e-005	2.538e-002	-1.017e-003
42	1.175e-002	-4.781e-004	-2.102e-004	-2.930e-005	2.537e-002	-1.016e-003
43	2.454e-002	-2.293e-004	2.365e-004	-7.594e-004	2.613e-002	2.045e-003
44	2.453e-002	2.291e-004	-2.364e-004	7.590e-004	2.612e-002	2.044e-003
45	1.887e-002	-4.074e-006	2.331e-003	8.176e-007	2.843e-002	2.956e-006
46	1.887e-002	4.017e-006	-2.329e-003	-8.586e-007	2.842e-002	2.815e-006
47	2.453e-002	2.197e-004	2.365e-004	7.574e-004	2.612e-002	-2.038e-003
48	2.452e-002	-2.196e-004	-2.364e-004	-7.570e-004	2.611e-002	-2.036e-003
49	3.763e-002	-6.068e-006	2.640e-004	1.861e-004	2.417e-002	3.116e-003
50	3.762e-002	6.044e-006	-2.639e-004	-1.864e-004	2.417e-002	3.115e-003
51	3.598e-002	-5.499e-006	8.386e-004	1.939e-003	2.529e-002	3.641e-003
52	3.597e-002	5.469e-006	-8.383e-004	-1.937e-003	2.529e-002	3.640e-003
53	3.442e-002	-4.929e-006	1.812e-003	1.873e-003	2.642e-002	2.687e-003
54	3.441e-002	4.893e-006	-1.811e-003	-1.872e-003	2.641e-002	2.686e-003
55	3.371e-002	-4.360e-006	2.327e-003	1.863e-007	2.754e-002	3.844e-006
56	3.370e-002	4.318e-006	-2.326e-003	-1.981e-007	2.753e-002	3.805e-006
57	3.442e-002	-3.793e-006	1.813e-003	-1.873e-003	2.641e-002	-2.680e-003
58	3.441e-002	3.745e-006	-1.812e-003	1.872e-003	2.641e-002	-2.678e-003
59	3.597e-002	-3.225e-006	8.389e-004	-1.939e-003	2.529e-002	-3.634e-003
60	3.596e-002	3.172e-006	-8.386e-004	1.937e-003	2.529e-002	-3.632e-003
61	3.762e-002	-2.658e-006	2.640e-004	-1.871e-004	2.417e-002	-3.108e-003
62	3.761e-002	2.599e-006	-2.639e-004	1.874e-004	2.416e-002	-3.106e-003
63	4.783e-002	-4.585e-005	-2.853e-004	2.158e-004	1.895e-002	2.138e-003
64	4.546e-002	4.223e-006	-2.329e-003	4.594e-007	2.213e-002	4.587e-006
65	4.782e-002	5.411e-005	-2.854e-004	-2.151e-004	1.894e-002	-2.129e-003
66	4.784e-002	4.614e-005	2.854e-004	-2.162e-004	1.895e-002	2.140e-003
67	4.547e-002	-4.264e-006	2.330e-003	-4.505e-007	2.213e-002	4.610e-006
68	4.783e-002	-5.449e-005	2.854e-004	2.156e-004	1.894e-002	-2.130e-003
69	5.436e-002	6.081e-006	-1.872e-003	1.698e-003	1.198e-002	-5.699e-004
70	5.469e-002	8.140e-006	-9.611e-004	1.903e-003	1.113e-002	-8.096e-004
71	5.515e-002	-2.160e-006	-3.078e-004	-6.059e-004	1.027e-002	1.112e-003
72	5.470e-002	-9.936e-008	-9.611e-004	-1.903e-003	1.113e-002	8.205e-004
73	5.436e-002	1.961e-006	-1.872e-003	-1.698e-003	1.198e-002	5.809e-004
74	5.420e-002	4.022e-006	-2.333e-003	1.905e-007	1.284e-002	5.409e-006
75	5.513e-002	1.020e-005	-3.079e-004	6.062e-004	1.027e-002	-1.101e-003
76	5.516e-002	1.963e-006	3.079e-004	6.090e-004	1.026e-002	1.113e-003
77	5.471e-002	-4.768e-008	9.621e-004	1.904e-003	1.112e-002	8.213e-004
78	5.437e-002	-2.058e-006	1.874e-003	1.698e-003	1.198e-002	5.813e-004
79	5.421e-002	-4.068e-006	2.334e-003	-1.845e-007	1.283e-002	5.416e-006
80	5.437e-002	-6.077e-006	1.874e-003	-1.698e-003	1.198e-002	-5.703e-004
81	5.470e-002	-8.086e-006	9.621e-004	-1.904e-003	1.112e-002	-8.104e-004
82	5.514e-002	-1.010e-005	3.079e-004	-6.092e-004	1.026e-002	-1.102e-003
83	5.658e-002	1.451e-005	2.736e-004	-4.702e-004	6.088e-003	8.717e-004
84	5.657e-002	6.659e-006	-2.829e-004	-4.739e-004	6.065e-003	-8.605e-004

Vettori modali 1 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
85	5.658e-002	-1.394e-005	-2.831e-004	4.736e-004	6.067e-003	8.716e-004
86	5.611e-002	-3.637e-006	1.542e-003	-1.253e-007	8.846e-003	5.561e-006
87	5.656e-002	-7.307e-006	2.734e-004	4.704e-004	6.087e-003	-8.606e-004
88	5.610e-002	3.597e-006	-1.554e-003	1.299e-007	8.865e-003	5.556e-006
89	5.721e-002	1.481e-005	7.487e-004	-6.471e-004	2.390e-003	4.806e-004
90	5.713e-002	1.085e-005	2.217e-004	-1.416e-003	3.283e-003	-1.040e-005
91	5.715e-002	6.896e-006	-4.361e-004	-1.200e-003	4.177e-003	-3.337e-005
92	5.715e-002	2.941e-006	-7.588e-004	7.031e-009	5.071e-003	5.669e-006
93	5.714e-002	-1.014e-006	-4.362e-004	1.199e-003	4.177e-003	4.455e-005
94	5.712e-002	-4.968e-006	2.215e-004	1.415e-003	3.283e-003	2.156e-005
95	5.719e-002	-8.922e-006	7.484e-004	6.473e-004	2.390e-003	-4.693e-004
96	5.721e-002	-1.470e-005	-7.561e-004	6.485e-004	2.375e-003	4.799e-004
97	5.713e-002	-1.080e-005	-2.296e-004	1.413e-003	3.268e-003	-1.039e-005
98	5.715e-002	-6.889e-006	4.268e-004	1.197e-003	4.162e-003	-3.313e-005
99	5.715e-002	-2.981e-006	7.486e-004	-4.277e-009	5.056e-003	5.671e-006
100	5.714e-002	9.267e-007	4.269e-004	-1.196e-003	4.162e-003	4.432e-005
101	5.712e-002	4.834e-006	-2.294e-004	-1.413e-003	3.268e-003	2.155e-005
102	5.720e-002	8.742e-006	-7.559e-004	-6.486e-004	2.374e-003	-4.686e-004
103	5.729e-002	-1.279e-005	8.617e-004	4.177e-004	-6.687e-004	-2.900e-004
104	5.729e-002	1.278e-005	-8.672e-004	-4.182e-004	-6.785e-004	-2.899e-004
105	5.757e-002	-2.118e-006	2.106e-004	-3.852e-008	2.287e-003	5.778e-006
106	5.757e-002	2.078e-006	-2.189e-004	4.103e-008	2.297e-003	5.778e-006
107	5.730e-002	-1.701e-005	-8.675e-004	4.181e-004	-6.788e-004	3.014e-004
108	5.730e-002	1.694e-005	8.619e-004	-4.176e-004	-6.690e-004	3.016e-004
109	5.717e-002	3.338e-008	5.583e-004	1.986e-004	-2.580e-003	-1.058e-004
110	5.766e-002	-1.103e-006	-1.209e-005	-3.320e-008	4.402e-004	5.799e-006
111	5.766e-002	1.063e-006	5.071e-006	3.522e-008	4.453e-004	5.799e-006
112	5.717e-002	-2.829e-008	-5.626e-004	-1.983e-004	-2.584e-003	-1.058e-004
113	5.718e-002	-2.179e-006	-5.627e-004	1.982e-004	-2.585e-003	1.174e-004
114	5.718e-002	2.093e-006	5.584e-004	-1.985e-004	-2.580e-003	1.174e-004
115	5.711e-002	-3.076e-008	-1.931e-006	-5.403e-007	-3.161e-003	-7.461e-005
116	5.730e-002	-2.720e-008	-2.393e-006	-1.259e-006	-2.224e-003	-5.897e-004
117	5.756e-002	-2.363e-008	-2.980e-006	-1.072e-006	-1.286e-003	-4.269e-004
118	5.766e-002	-2.007e-008	-3.268e-006	6.957e-010	-3.488e-004	5.729e-006
119	5.755e-002	-1.651e-008	-2.979e-006	1.072e-006	-1.286e-003	4.379e-004
120	5.729e-002	-1.296e-008	-2.392e-006	1.259e-006	-2.223e-003	6.008e-004
121	5.709e-002	-9.399e-009	-1.930e-006	5.407e-007	-3.161e-003	8.611e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.616e-007	6.120e-007	1.840e-004	2.366e-003	4.198e-004	1.500e-008
124	1.894e-007	-6.244e-007	-1.839e-004	-2.333e-003	5.088e-004	1.255e-008
125	1.825e-005	1.139e-006	-6.936e-004	1.765e-004	3.056e-003	-1.364e-008
126	1.972e-005	-3.351e-006	2.338e-003	-1.573e-005	3.784e-003	6.342e-009
127	1.966e-005	3.274e-006	-2.336e-003	-1.444e-005	3.982e-003	3.171e-009
128	3.039e-010	1.134e-010	9.893e-012	2.231e-003	5.465e-005	-4.049e-009
129	4.105e-010	2.061e-011	-2.002e-013	-2.024e-008	-5.253e-005	3.268e-009
130	5.690e-007	-2.131e-007	1.836e-005	-5.732e-004	-1.036e-004	-1.592e-009
131	1.973e-010	-9.395e-011	-7.954e-012	-2.261e-003	1.851e-004	-2.322e-009
132	3.190e-006	1.561e-006	1.114e-003	2.062e-003	2.031e-003	2.154e-009
133	3.697e-006	-1.591e-006	-1.113e-003	-2.091e-003	1.870e-003	-4.931e-010
134	9.987e-006	3.346e-007	1.985e-003	1.424e-003	3.416e-003	-1.132e-008
135	1.074e-005	-4.486e-007	-1.984e-003	-1.392e-003	2.984e-003	6.900e-010
136	1.800e-005	-2.650e-008	2.228e-007	3.593e-007	2.893e-003	7.860e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.825e-005	1.139e-006	-6.936e-004	-1.706e-004	3.060e-003	8.563e-009
139	1.972e-005	-3.351e-006	2.338e-003	-2.730e-005	3.788e-003	-4.704e-009

Vettori modali 1 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
140	1.966e-005	3.275e-006	-2.336e-003	1.078e-005	3.979e-003	-3.964e-009
141	7.922e-007	-1.182e-005	1.840e-004	-2.323e-003	3.126e-004	-8.877e-009
142	8.554e-007	1.180e-005	-1.839e-004	2.337e-003	3.684e-004	-5.630e-009
143	1.800e-005	-2.650e-008	2.228e-007	-2.631e-007	2.890e-003	-9.616e-010
144	1.064e-005	-7.572e-006	1.986e-003	-1.380e-003	3.404e-003	6.718e-009
145	1.152e-005	7.580e-006	-1.985e-003	1.395e-003	3.019e-003	-3.189e-009
146	4.480e-006	-1.046e-005	1.114e-003	-2.106e-003	1.970e-003	-2.963e-009
147	5.033e-006	1.046e-005	-1.114e-003	2.088e-003	1.777e-003	5.291e-010
148	1.432e-010	-1.180e-005	1.892e-012	-2.278e-003	4.311e-005	1.802e-009
149	2.319e-010	3.499e-008	3.935e-013	-6.298e-008	-4.181e-005	-3.504e-009
150	3.093e-007	3.805e-006	1.834e-005	7.197e-004	-1.143e-004	1.885e-009
151	8.238e-011	1.178e-005	-6.166e-013	2.262e-003	1.944e-004	1.556e-009

Vettori modali 2 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.471e-005	-8.247e-006	-8.252e-005	7.618e-004	6.809e-004	2.539e-008
2	-1.026e-005	1.221e-005	-2.414e-004	-4.615e-004	-7.730e-004	5.473e-009
3	-6.565e-006	-9.036e-006	1.372e-004	-5.324e-005	-9.703e-004	1.157e-008
4	-2.600e-006	8.824e-006	-2.295e-004	-1.876e-004	-1.495e-003	1.620e-009
5	1.037e-005	1.665e-006	-6.339e-005	-8.088e-004	-3.265e-002	-1.786e-004
6	9.479e-006	-1.520e-006	6.348e-005	8.100e-004	-3.265e-002	-1.696e-004
7	-4.967e-006	4.389e-007	2.069e-004	-1.380e-004	1.419e-003	-5.076e-010
8	-3.693e-006	-8.190e-007	-1.034e-004	-2.976e-004	9.777e-004	8.033e-009
9	-7.188e-006	2.992e-006	2.279e-004	-4.456e-004	8.145e-004	3.526e-009
10	-1.145e-005	-2.406e-006	1.019e-004	9.550e-004	-7.563e-004	1.999e-008
11	-1.557e-005	-3.076e-006	4.713e-007	7.717e-005	-1.988e-006	2.733e-006
12	-1.515e-005	1.896e-005	-1.285e-006	-2.298e-004	-1.306e-006	-1.907e-004
13	-1.520e-005	-1.908e-005	1.247e-006	2.305e-004	-1.266e-006	-1.798e-004
14	-1.336e-005	2.886e-005	6.298e-005	-8.038e-004	3.266e-002	-2.145e-004
15	-1.244e-005	-2.853e-005	-6.309e-005	8.052e-004	3.265e-002	-2.047e-004
16	0.000e+000	0.000e+000	0.000e+000	-7.842e-004	-2.649e-004	-9.533e-005
17	0.000e+000	0.000e+000	0.000e+000	8.276e-007	1.326e-004	1.701e-005
18	1.576e-008	2.709e-006	-2.752e-005	2.623e-004	8.843e-005	1.667e-005
19	0.000e+000	0.000e+000	0.000e+000	7.853e-004	-2.651e-004	-8.182e-005
20	8.769e-006	5.226e-006	-1.986e-004	6.592e-005	-2.299e-002	7.207e-005
21	-6.326e-006	3.918e-007	2.381e-007	-2.272e-007	4.608e-005	1.373e-005
22	6.566e-006	-4.607e-006	1.989e-004	-6.625e-005	-2.299e-002	7.494e-005
23	-1.707e-005	1.104e-005	-6.313e-005	3.370e-004	-1.150e-002	6.554e-005
24	-1.372e-005	7.394e-007	-8.213e-008	-5.795e-007	-1.352e-004	1.037e-005
25	-2.018e-005	-1.056e-005	6.307e-005	-3.375e-004	-1.150e-002	5.886e-005
26	-1.557e-005	-7.422e-007	-1.380e-008	5.122e-007	-2.134e-006	2.617e-007
27	-8.734e-006	2.071e-005	6.047e-005	3.375e-004	1.150e-002	5.018e-005
28	-1.429e-005	4.976e-007	1.001e-007	-3.762e-007	3.857e-005	-3.726e-006
29	-6.703e-006	-2.028e-005	-6.050e-005	-3.379e-004	1.150e-002	4.261e-005
30	-2.462e-005	2.428e-005	1.968e-004	6.837e-005	2.300e-002	4.674e-005
31	-1.047e-005	1.241e-007	-2.045e-007	-4.612e-007	-8.803e-005	-1.594e-005
32	-2.171e-005	-2.369e-005	-1.971e-004	-6.866e-005	2.299e-002	4.846e-005
33	0.000e+000	2.881e-005	0.000e+000	-7.789e-004	2.651e-004	-1.341e-004
34	0.000e+000	-9.803e-007	0.000e+000	8.439e-007	-1.328e-004	-1.829e-005
35	-8.842e-008	-6.109e-006	2.756e-005	2.607e-004	-8.854e-005	-1.986e-005
36	0.000e+000	-2.863e-005	0.000e+000	7.803e-004	2.653e-004	-1.210e-004
37	-1.729e-002	4.486e-003	-3.904e-005	-1.551e-002	-3.661e-002	-1.105e-002
38	-1.729e-002	-4.494e-003	3.906e-005	1.554e-002	-3.660e-002	-1.104e-002
39	-1.325e-005	4.790e-003	-1.272e-006	-1.678e-002	8.242e-006	-1.193e-002
40	-1.327e-005	-4.799e-003	1.234e-006	1.681e-002	8.288e-006	-1.192e-002
41	1.729e-002	4.507e-003	3.863e-005	-1.549e-002	3.662e-002	-1.108e-002

Vettori modali 2 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
42	1.729e-002	-4.514e-003	-3.868e-005	1.552e-002	3.661e-002	-1.107e-002
43	-3.499e-002	1.340e-002	-1.469e-005	-1.882e-002	-3.430e-002	-2.192e-002
44	-3.498e-002	-1.342e-002	1.464e-005	1.885e-002	-3.430e-002	-2.191e-002
45	-7.865e-006	1.419e-002	-1.258e-006	-1.908e-002	1.278e-005	-2.366e-002
46	-7.867e-006	-1.422e-002	1.221e-006	1.911e-002	1.281e-005	-2.366e-002
47	3.499e-002	1.340e-002	1.428e-005	-1.879e-002	3.431e-002	-2.194e-002
48	3.499e-002	-1.343e-002	-1.426e-005	1.883e-002	3.430e-002	-2.193e-002
49	-5.076e-002	2.143e-002	1.085e-005	-1.029e-002	-2.590e-002	-3.332e-002
50	-5.075e-002	-2.146e-002	-1.097e-005	1.031e-002	-2.590e-002	-3.331e-002
51	-3.442e-002	2.143e-002	-1.480e-003	2.138e-003	-1.726e-002	-3.557e-002
52	-3.442e-002	-2.147e-002	1.483e-003	-2.141e-003	-1.726e-002	-3.557e-002
53	-1.727e-002	2.143e-002	2.758e-004	3.422e-003	-8.624e-003	-3.666e-002
54	-1.727e-002	-2.147e-002	-2.763e-004	-3.428e-003	-8.624e-003	-3.665e-002
55	-1.255e-006	2.143e-002	-1.244e-006	-6.452e-003	1.186e-005	-3.597e-002
56	-1.245e-006	-2.147e-002	1.207e-006	6.463e-003	1.186e-005	-3.597e-002
57	1.727e-002	2.143e-002	-2.786e-004	3.422e-003	8.644e-003	-3.666e-002
58	1.727e-002	-2.147e-002	2.790e-004	-3.428e-003	8.643e-003	-3.666e-002
59	3.443e-002	2.143e-002	1.478e-003	2.139e-003	1.728e-002	-3.558e-002
60	3.442e-002	-2.147e-002	-1.480e-003	-2.143e-003	1.727e-002	-3.558e-002
61	5.077e-002	2.143e-002	-1.125e-005	-1.029e-002	2.591e-002	-3.333e-002
62	5.076e-002	-2.146e-002	1.135e-005	1.030e-002	2.591e-002	-3.333e-002
63	-6.143e-002	-2.678e-002	-1.250e-005	1.119e-002	-1.913e-002	-3.938e-002
64	3.889e-006	-2.634e-002	1.188e-006	1.214e-002	9.593e-006	-4.172e-002
65	6.144e-002	-2.678e-002	1.288e-005	1.119e-002	1.914e-002	-3.938e-002
66	-6.143e-002	2.674e-002	1.235e-005	-1.117e-002	-1.913e-002	-3.938e-002
67	3.883e-006	2.629e-002	-1.224e-006	-1.212e-002	9.609e-006	-4.171e-002
68	6.145e-002	2.674e-002	-1.275e-005	-1.117e-002	1.914e-002	-3.939e-002
69	2.304e-002	-3.095e-002	4.432e-004	-1.471e-003	2.977e-003	-4.915e-002
70	4.617e-002	-3.094e-002	-4.718e-004	-1.424e-003	5.950e-003	-4.821e-002
71	-6.843e-002	-3.094e-002	-1.411e-005	4.447e-003	-8.918e-003	-4.575e-002
72	-4.615e-002	-3.094e-002	4.724e-004	-1.422e-003	-5.944e-003	-4.821e-002
73	-2.303e-002	-3.095e-002	-4.415e-004	-1.468e-003	-2.970e-003	-4.915e-002
74	7.389e-006	-3.095e-002	1.167e-006	4.308e-003	4.113e-006	-4.776e-002
75	6.844e-002	-3.094e-002	1.449e-005	4.448e-003	8.923e-003	-4.575e-002
76	-6.843e-002	3.089e-002	1.393e-005	-4.441e-003	-8.915e-003	-4.575e-002
77	-4.615e-002	3.089e-002	-4.718e-004	1.420e-003	-5.942e-003	-4.822e-002
78	-2.303e-002	3.089e-002	4.409e-004	1.466e-003	-2.969e-003	-4.915e-002
79	7.390e-006	3.090e-002	-1.204e-006	-4.302e-003	4.119e-006	-4.775e-002
80	2.304e-002	3.089e-002	-4.426e-004	1.469e-003	2.976e-003	-4.915e-002
81	4.617e-002	3.089e-002	4.711e-004	1.422e-003	5.947e-003	-4.822e-002
82	6.845e-002	3.089e-002	-1.433e-005	-4.442e-003	8.919e-003	-4.575e-002
83	-6.966e-002	-2.834e-002	-5.167e-004	3.640e-003	-5.143e-003	-4.623e-002
84	6.968e-002	2.822e-002	-5.259e-004	-3.634e-003	5.133e-003	-4.624e-002
85	-6.966e-002	2.822e-002	5.252e-004	-3.634e-003	-5.131e-003	-4.623e-002
86	7.895e-006	2.821e-002	-1.409e-006	-4.523e-003	1.645e-006	-4.732e-002
87	6.967e-002	-2.834e-002	5.174e-004	3.641e-003	5.146e-003	-4.624e-002
88	7.894e-006	-2.833e-002	1.369e-006	4.527e-003	1.650e-006	-4.732e-002
89	-7.016e-002	-2.344e-002	-8.998e-004	2.249e-003	-1.640e-003	-4.685e-002
90	-4.723e-002	-2.343e-002	-4.756e-004	-4.862e-005	-1.094e-003	-4.977e-002
91	-2.341e-002	-2.343e-002	-5.601e-004	9.843e-005	-5.470e-004	-5.042e-002
92	7.974e-006	-2.343e-002	1.423e-006	2.679e-003	-5.576e-007	-4.795e-002
93	2.342e-002	-2.343e-002	5.624e-004	9.654e-005	5.464e-004	-5.042e-002
94	4.725e-002	-2.343e-002	4.770e-004	-5.056e-005	1.093e-003	-4.977e-002
95	7.018e-002	-2.344e-002	9.006e-004	2.249e-003	1.640e-003	-4.685e-002
96	-7.017e-002	2.332e-002	9.071e-004	-2.248e-003	-1.631e-003	-4.685e-002

Vettori modali 2 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
97	-4.723e-002	2.332e-002	4.816e-004	4.256e-005	-1.088e-003	-4.977e-002
98	-2.341e-002	2.332e-002	5.626e-004	-1.058e-004	-5.442e-004	-5.042e-002
99	7.975e-006	2.331e-002	-1.463e-006	-2.681e-003	-5.622e-007	-4.795e-002
100	2.342e-002	2.332e-002	-5.650e-004	-1.039e-004	5.436e-004	-5.042e-002
101	4.725e-002	2.332e-002	-4.830e-004	4.456e-005	1.088e-003	-4.978e-002
102	7.018e-002	2.332e-002	-9.079e-004	-2.248e-003	1.632e-003	-4.685e-002
103	7.021e-002	-1.670e-002	9.300e-004	1.799e-003	-1.065e-003	-4.622e-002
104	7.021e-002	1.659e-002	-9.362e-004	-1.798e-003	-1.070e-003	-4.622e-002
105	7.802e-006	1.656e-002	-1.232e-006	-2.443e-003	-2.374e-006	-4.632e-002
106	7.802e-006	-1.668e-002	1.193e-006	2.442e-003	-2.371e-006	-4.631e-002
107	-7.019e-002	1.659e-002	9.354e-004	-1.798e-003	1.069e-003	-4.622e-002
108	-7.019e-002	-1.670e-002	-9.292e-004	1.799e-003	1.064e-003	-4.622e-002
109	7.007e-002	-8.742e-003	5.790e-004	1.016e-003	-2.752e-003	-4.615e-002
110	7.588e-006	8.657e-003	-7.087e-007	-1.481e-003	-3.477e-006	-4.608e-002
111	7.588e-006	-8.773e-003	6.703e-007	1.479e-003	-3.474e-006	-4.607e-002
112	7.007e-002	8.627e-003	-5.845e-004	-1.016e-003	-2.754e-003	-4.615e-002
113	-7.005e-002	8.627e-003	5.840e-004	-1.016e-003	2.752e-003	-4.615e-002
114	-7.005e-002	-8.742e-003	-5.785e-004	1.016e-003	2.749e-003	-4.615e-002
115	-6.997e-002	-5.777e-005	2.621e-006	-7.036e-007	3.239e-003	-4.670e-002
116	-4.705e-002	-5.777e-005	1.961e-006	-1.937e-006	2.158e-003	-4.981e-002
117	-2.324e-002	-5.776e-005	9.326e-007	-2.250e-006	1.077e-003	-5.028e-002
118	7.498e-006	-5.775e-005	-1.911e-008	-1.610e-006	-3.724e-006	-4.731e-002
119	2.325e-002	-5.776e-005	-9.656e-007	-2.230e-006	-1.083e-003	-5.029e-002
120	4.707e-002	-5.777e-005	-1.982e-006	-1.910e-006	-2.162e-003	-4.981e-002
121	6.999e-002	-5.777e-005	-2.631e-006	-6.850e-007	-3.242e-003	-4.670e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.037e-005	1.665e-006	-6.339e-005	-8.234e-004	-2.871e-003	1.018e-008
124	9.478e-006	-1.520e-006	6.348e-005	8.304e-004	-1.984e-003	1.316e-008
125	-1.557e-005	-3.076e-006	4.713e-007	-1.155e-003	-9.497e-005	1.148e-008
126	-1.515e-005	1.896e-005	-1.285e-006	-1.085e-004	-9.330e-005	4.802e-009
127	-1.520e-005	-1.908e-005	1.247e-006	1.019e-004	9.236e-005	7.885e-009
128	1.384e-010	2.966e-010	2.134e-011	-7.710e-004	-3.217e-004	1.279e-009
129	-1.249e-010	9.517e-011	2.076e-012	1.134e-006	3.215e-004	-2.351e-009
130	1.577e-008	2.709e-006	-2.752e-005	-1.508e-004	-8.605e-005	1.517e-009
131	1.127e-010	-2.765e-010	-1.942e-011	7.666e-004	-3.135e-005	5.215e-009
132	8.769e-006	5.226e-006	-1.986e-004	1.826e-004	-3.332e-003	1.994e-009
133	6.566e-006	-4.606e-006	1.989e-004	-1.892e-004	-2.662e-003	-3.554e-009
134	-1.707e-005	1.104e-005	-6.313e-005	3.579e-004	-4.452e-005	-6.592e-009
135	-2.018e-005	-1.056e-005	6.307e-005	-3.524e-004	1.122e-003	-5.245e-009
136	-1.557e-005	-7.422e-007	-1.380e-008	-1.278e-007	9.026e-005	4.148e-010
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.557e-005	-3.077e-006	4.713e-007	-9.158e-004	7.516e-005	8.519e-009
139	-1.515e-005	1.896e-005	-1.285e-006	-1.296e-004	7.538e-005	-4.039e-009
140	-1.520e-005	-1.908e-005	1.247e-006	2.421e-004	-7.892e-005	-2.532e-009
141	-1.336e-005	2.886e-005	6.298e-005	-8.035e-004	3.054e-003	-2.033e-009
142	-1.244e-005	-2.853e-005	-6.309e-005	6.905e-004	2.177e-003	-1.208e-009
143	-1.557e-005	-7.420e-007	-1.379e-008	2.887e-008	-7.955e-005	-8.182e-010
144	-8.735e-006	2.070e-005	6.047e-005	3.775e-004	1.335e-004	2.711e-009
145	-6.704e-006	-2.028e-005	-6.050e-005	-4.908e-004	-8.706e-004	-3.507e-009
146	-2.462e-005	2.428e-005	1.968e-004	1.677e-004	3.361e-003	-7.734e-010
147	-2.171e-005	-2.369e-005	-1.971e-004	-5.493e-005	2.593e-003	-3.846e-009
148	-9.337e-011	2.881e-005	6.719e-012	-7.675e-004	4.593e-004	-1.348e-009
149	1.499e-011	-9.803e-007	-4.232e-012	1.323e-006	-4.593e-004	2.074e-009
150	-8.846e-008	-6.110e-006	2.756e-005	-6.727e-004	2.221e-004	1.846e-009
151	-3.875e-011	-2.863e-005	-1.846e-012	8.839e-004	-1.035e-004	1.078e-009

Vettori modali 3 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.150e-006	5.197e-005	-7.706e-006	5.361e-004	8.888e-006	-2.235e-008
2	-1.577e-006	5.552e-005	8.197e-005	-1.065e-004	4.698e-004	1.750e-009
3	2.549e-006	5.401e-005	1.896e-005	-4.043e-004	-5.404e-004	-4.013e-009
4	-1.585e-006	5.596e-005	8.850e-006	-1.222e-004	1.956e-004	7.469e-010
5	1.196e-006	4.639e-006	-1.050e-004	-1.349e-003	9.634e-004	-1.394e-005
6	1.911e-007	4.935e-006	-1.048e-004	-1.348e-003	-1.013e-003	1.165e-006
7	1.983e-006	5.977e-006	-6.934e-005	5.111e-005	-5.321e-004	-3.835e-009
8	-1.549e-006	1.351e-005	-1.627e-004	6.674e-004	4.593e-004	-1.207e-009
9	3.039e-006	1.651e-005	-9.803e-005	1.202e-004	-5.563e-004	4.618e-009
10	-2.602e-006	2.580e-005	-1.146e-004	-4.285e-004	5.223e-004	-3.422e-009
11	-4.759e-007	3.832e-005	-9.037e-006	-1.544e-004	-7.590e-007	2.619e-005
12	1.712e-006	5.045e-005	-8.962e-006	-4.731e-004	6.276e-007	-3.668e-006
13	-1.453e-006	5.134e-005	-8.767e-006	-4.731e-004	-4.756e-007	6.771e-006
14	-1.180e-006	7.049e-005	1.030e-004	-1.325e-003	-9.639e-004	-9.771e-006
15	1.013e-006	7.125e-005	1.029e-004	-1.324e-003	1.012e-003	7.247e-006
16	0.000e+000	0.000e+000	0.000e+000	-1.293e-003	5.767e-006	-1.485e-005
17	0.000e+000	0.000e+000	0.000e+000	-2.087e-005	2.115e-007	1.892e-005
18	-2.648e-008	5.693e-006	-3.527e-007	-4.442e-004	2.114e-006	1.319e-005
19	0.000e+000	0.000e+000	0.000e+000	-1.291e-003	-6.305e-006	-7.198e-006
20	6.258e-006	1.798e-005	-3.243e-004	1.326e-004	6.786e-004	-6.303e-006
21	-6.351e-007	1.381e-005	-8.243e-006	-1.026e-005	9.988e-005	-2.984e-006
22	-4.855e-006	1.857e-005	-3.239e-004	1.325e-004	-7.132e-004	7.730e-006
23	4.900e-006	3.409e-005	-9.139e-005	5.581e-004	3.396e-004	9.312e-006
24	-1.218e-006	2.572e-005	-1.091e-005	-4.669e-007	2.279e-004	3.210e-007
25	-2.124e-006	3.445e-005	-9.098e-005	5.579e-004	-3.568e-004	-8.728e-006
26	1.069e-007	3.541e-005	-9.190e-006	4.904e-006	-3.125e-007	-2.752e-006
27	2.245e-006	5.635e-005	7.480e-005	5.656e-004	-3.390e-004	3.855e-006
28	-3.353e-007	4.387e-005	-6.379e-006	7.084e-006	1.545e-004	1.616e-006
29	-3.687e-007	5.698e-005	7.475e-005	5.648e-004	3.561e-004	-4.398e-006
30	-1.312e-006	6.310e-005	3.141e-004	1.489e-004	-6.786e-004	6.392e-006
31	-3.472e-007	4.884e-005	-2.683e-006	6.936e-006	3.428e-005	-9.900e-007
32	8.429e-007	6.379e-005	3.137e-004	1.489e-004	7.126e-004	-2.955e-006
33	0.000e+000	7.007e-005	0.000e+000	-1.268e-003	-5.895e-006	-1.988e-005
34	0.000e+000	5.012e-005	0.000e+000	3.308e-006	4.032e-008	3.314e-007
35	-8.338e-007	5.455e-005	3.014e-007	-4.200e-004	-1.996e-006	3.333e-005
36	0.000e+000	7.091e-005	0.000e+000	-1.267e-003	6.080e-006	1.838e-005
37	5.021e-004	8.060e-003	-3.826e-005	-2.790e-002	1.021e-003	2.144e-004
38	-5.267e-004	8.054e-003	-3.810e-005	-2.787e-002	-1.076e-003	-2.393e-004
39	1.901e-006	8.611e-003	-8.918e-006	-3.003e-002	1.566e-007	3.068e-004
40	-1.538e-006	8.606e-003	-8.723e-006	-3.001e-002	7.897e-008	-3.217e-004
41	-5.024e-004	8.107e-003	3.621e-005	-2.784e-002	-1.022e-003	2.187e-004
42	5.278e-004	8.101e-003	3.613e-005	-2.782e-002	1.076e-003	-2.362e-004
43	9.567e-004	2.403e-002	2.844e-005	-3.358e-002	7.782e-004	4.427e-004
44	-1.008e-003	2.401e-002	2.858e-005	-3.356e-002	-8.290e-004	-4.798e-004
45	1.887e-006	2.540e-002	-8.872e-006	-3.398e-002	-1.871e-007	6.173e-004
46	-1.430e-006	2.538e-002	-8.679e-006	-3.395e-002	3.020e-007	-6.501e-004
47	-9.573e-004	2.405e-002	-3.055e-005	-3.353e-002	-7.790e-004	4.472e-004
48	1.009e-003	2.403e-002	-3.061e-005	-3.351e-002	8.288e-004	-4.796e-004
49	1.229e-003	3.823e-002	9.839e-005	-1.782e-002	2.312e-004	6.821e-004
50	-1.303e-003	3.820e-002	9.852e-005	-1.781e-002	-2.686e-004	-7.321e-004
51	8.685e-004	3.824e-002	-2.490e-003	3.671e-003	1.540e-004	8.346e-004
52	-9.183e-004	3.821e-002	-2.488e-003	3.668e-003	-1.790e-004	-8.871e-004
53	4.482e-004	3.824e-002	5.257e-004	5.846e-003	7.685e-005	9.290e-004
54	-4.728e-004	3.821e-002	5.253e-004	5.842e-003	-8.945e-005	-9.825e-004

Vettori modali 3 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
55	1.742e-006	3.825e-002	-8.824e-006	-1.133e-002	-3.312e-007	9.429e-004
56	-1.302e-006	3.822e-002	-8.631e-006	-1.132e-002	1.175e-007	-9.945e-004
57	-4.454e-004	3.824e-002	-5.415e-004	5.854e-003	-7.756e-005	9.316e-004
58	4.708e-004	3.821e-002	-5.408e-004	5.849e-003	8.970e-005	-9.849e-004
59	-8.674e-004	3.824e-002	2.480e-003	3.686e-003	-1.548e-004	8.388e-004
60	9.177e-004	3.821e-002	2.478e-003	3.682e-003	1.793e-004	-8.905e-004
61	-1.230e-003	3.823e-002	-1.006e-004	-1.780e-002	-2.320e-004	6.868e-004
62	1.304e-003	3.820e-002	-1.006e-004	-1.779e-002	2.689e-004	-7.348e-004
63	-1.276e-003	4.716e-002	1.244e-004	-1.853e-002	4.222e-004	-6.736e-004
64	-1.264e-006	4.651e-002	-8.588e-006	-2.035e-002	1.960e-007	-1.193e-003
65	1.277e-003	4.716e-002	-1.266e-004	-1.854e-002	-4.221e-004	-6.769e-004
66	1.186e-003	4.720e-002	1.243e-004	-1.855e-002	-4.495e-004	6.169e-004
67	1.540e-006	4.655e-002	-8.781e-006	-2.037e-002	-6.432e-007	1.135e-003
68	-1.188e-003	4.720e-002	-1.265e-004	-1.855e-002	4.491e-004	6.215e-004
69	4.502e-004	5.403e-002	-5.924e-004	2.350e-003	-4.509e-004	-5.942e-004
70	6.465e-004	5.402e-002	7.879e-004	1.972e-003	-9.030e-004	-3.264e-004
71	-8.464e-004	5.402e-002	1.517e-004	-7.458e-003	1.354e-003	-6.120e-004
72	-6.473e-004	5.402e-002	-7.942e-004	1.958e-003	9.029e-004	-3.239e-004
73	-4.518e-004	5.403e-002	5.791e-004	2.337e-003	4.521e-004	-5.930e-004
74	-9.492e-007	5.402e-002	-8.542e-006	-6.325e-003	1.247e-006	-1.401e-003
75	8.472e-004	5.402e-002	-1.539e-004	-7.457e-003	-1.355e-003	-6.161e-004
76	7.468e-004	5.406e-002	1.515e-004	-7.467e-003	-1.368e-003	5.482e-004
77	5.802e-004	5.407e-002	-7.959e-004	1.959e-003	-9.127e-004	2.515e-004
78	4.194e-004	5.407e-002	5.787e-004	2.340e-003	-4.572e-004	5.204e-004
79	1.002e-006	5.407e-002	-8.735e-006	-6.328e-003	-1.654e-006	1.338e-003
80	-4.178e-004	5.407e-002	-5.924e-004	2.353e-003	4.553e-004	5.218e-004
81	-5.796e-004	5.407e-002	7.894e-004	1.973e-003	9.124e-004	2.545e-004
82	-7.479e-004	5.406e-002	-1.538e-004	-7.466e-003	1.369e-003	5.529e-004
83	-5.746e-004	5.527e-002	2.671e-004	-6.020e-003	1.711e-003	-9.474e-004
84	-4.738e-004	5.531e-002	-2.723e-004	-6.020e-003	1.722e-003	8.922e-004
85	4.729e-004	5.531e-002	2.699e-004	-6.023e-003	-1.720e-003	8.871e-004
86	6.518e-007	5.528e-002	-8.579e-006	-5.629e-003	-2.290e-006	2.080e-003
87	5.751e-004	5.527e-002	-2.694e-004	-6.018e-003	-1.713e-003	-9.521e-004
88	-6.671e-007	5.524e-002	-8.417e-006	-5.630e-003	1.923e-006	-2.138e-003
89	-3.174e-004	5.612e-002	4.672e-004	-3.635e-003	1.653e-003	-1.011e-003
90	-2.017e-004	5.612e-002	-1.687e-004	3.525e-004	1.102e-003	2.699e-004
91	-3.341e-004	5.611e-002	2.369e-004	7.652e-004	5.522e-004	3.796e-005
92	-3.752e-007	5.611e-002	-8.185e-006	-2.396e-003	1.863e-006	-1.698e-003
93	3.332e-004	5.611e-002	-2.504e-004	7.760e-004	-5.504e-004	3.852e-005
94	2.008e-004	5.612e-002	1.612e-004	3.655e-004	-1.103e-003	2.690e-004
95	3.175e-004	5.612e-002	-4.698e-004	-3.629e-003	-1.655e-003	-1.015e-003
96	2.149e-004	5.615e-002	4.705e-004	-3.639e-003	-1.654e-003	9.450e-004
97	1.324e-004	5.615e-002	-1.669e-004	3.497e-004	-1.103e-003	-3.430e-004
98	3.000e-004	5.615e-002	2.376e-004	7.631e-004	-5.527e-004	-1.123e-004
99	3.097e-007	5.614e-002	-8.309e-006	-2.397e-003	-2.160e-006	1.630e-003
100	-2.992e-004	5.615e-002	-2.513e-004	7.740e-004	5.506e-004	-1.127e-004
101	-1.317e-004	5.615e-002	1.593e-004	3.629e-004	1.103e-003	-3.419e-004
102	-2.155e-004	5.615e-002	-4.732e-004	-3.632e-003	1.656e-003	9.495e-004
103	1.411e-004	5.669e-002	-6.978e-004	-3.451e-003	-1.344e-003	-1.084e-003
104	-3.933e-005	5.672e-002	-7.009e-004	-3.453e-003	1.339e-003	1.016e-003
105	7.243e-008	5.667e-002	-8.000e-006	-2.335e-003	-1.888e-006	1.701e-003
106	-1.700e-007	5.665e-002	-7.918e-006	-2.333e-003	1.630e-006	-1.768e-003
107	3.898e-005	5.672e-002	6.979e-004	-3.460e-003	-1.337e-003	1.013e-003
108	-1.412e-004	5.669e-002	6.949e-004	-3.457e-003	1.342e-003	-1.080e-003
109	6.193e-005	5.709e-002	-8.855e-004	-2.972e-003	-7.713e-004	-7.392e-004

Vettori modali 3 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
110	-4.242e-008	5.708e-002	-7.725e-006	-1.831e-003	-1.200e-006	1.138e-003
111	-7.274e-008	5.707e-002	-7.684e-006	-1.830e-003	9.739e-007	-1.205e-003
112	3.937e-005	5.710e-002	-8.873e-004	-2.973e-003	7.625e-004	6.708e-004
113	-3.960e-005	5.710e-002	8.841e-004	-2.980e-003	-7.613e-004	6.684e-004
114	-6.213e-005	5.709e-002	8.823e-004	-2.979e-003	7.700e-004	-7.369e-004
115	-5.075e-005	5.723e-002	9.572e-004	-2.293e-003	4.885e-006	-3.459e-005
116	-3.403e-005	5.724e-002	3.306e-004	-5.708e-004	3.222e-006	-3.595e-005
117	-1.689e-005	5.724e-002	2.125e-004	-1.430e-004	1.560e-006	-3.622e-005
118	-6.028e-008	5.723e-002	-7.596e-006	-1.001e-003	-1.032e-007	-3.451e-005
119	1.674e-005	5.724e-002	-2.256e-004	-1.349e-004	-1.717e-006	-3.613e-005
120	3.384e-005	5.724e-002	-3.389e-004	-5.596e-004	-3.331e-006	-3.586e-005
121	5.053e-005	5.723e-002	-9.605e-004	-2.285e-003	-4.945e-006	-3.457e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.196e-006	4.639e-006	-1.050e-004	-1.184e-003	8.767e-005	2.591e-008
124	1.910e-007	4.935e-006	-1.048e-004	-1.279e-003	-4.711e-004	-2.577e-008
125	-4.761e-007	3.832e-005	-9.037e-006	6.699e-004	1.697e-004	-2.277e-008
126	1.712e-006	5.045e-005	-8.962e-006	-4.470e-004	1.729e-004	2.290e-008
127	-1.454e-006	5.134e-005	-8.767e-006	-3.559e-004	-1.721e-004	-2.400e-008
128	4.694e-011	1.257e-009	7.136e-011	-1.473e-003	2.815e-005	9.644e-009
129	7.984e-011	1.582e-009	1.699e-011	-2.769e-005	-2.910e-005	-5.531e-009
130	-2.649e-008	5.693e-006	-3.527e-007	-1.831e-003	3.220e-005	-2.337e-009
131	-1.177e-010	7.620e-010	4.033e-011	-1.367e-003	-3.490e-005	-8.538e-009
132	6.258e-006	1.798e-005	-3.243e-004	1.470e-004	-7.490e-004	1.063e-008
133	-4.855e-006	1.857e-005	-3.239e-004	2.391e-004	7.995e-004	4.626e-009
134	4.900e-006	3.409e-005	-9.139e-005	7.797e-004	-4.578e-004	-2.747e-008
135	-2.124e-006	3.445e-005	-9.098e-005	6.890e-004	-5.824e-004	9.427e-009
136	1.071e-007	3.541e-005	-9.190e-006	7.818e-006	-1.715e-004	3.029e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-4.756e-007	3.832e-005	-9.037e-006	-5.464e-004	-9.522e-005	-1.276e-008
139	1.712e-006	5.045e-005	-8.962e-006	-4.700e-004	-9.465e-005	-7.835e-009
140	-1.453e-006	5.134e-005	-8.767e-006	-6.757e-004	9.446e-005	4.311e-009
141	-1.180e-006	7.049e-005	1.030e-004	-1.156e-003	5.463e-004	-2.779e-008
142	1.013e-006	7.125e-005	1.029e-004	-9.467e-004	-4.241e-004	2.694e-008
143	1.067e-007	3.541e-005	-9.190e-006	2.465e-006	9.474e-005	-4.613e-009
144	2.245e-006	5.635e-005	7.480e-005	8.057e-004	7.759e-005	1.167e-008
145	-3.687e-007	5.698e-005	7.475e-005	1.011e-003	-8.527e-004	3.161e-010
146	-1.312e-006	6.310e-005	3.141e-004	1.518e-004	8.862e-004	-6.948e-010
147	8.429e-007	6.379e-005	3.137e-004	-5.516e-005	-5.815e-004	5.756e-009
148	4.081e-010	7.007e-005	2.978e-011	-1.405e-003	2.146e-004	1.415e-009
149	3.407e-010	5.012e-005	-6.832e-012	4.048e-006	-2.123e-004	3.904e-010
150	-8.342e-007	5.455e-005	3.014e-007	3.085e-004	2.082e-004	-4.103e-009
151	-3.322e-010	7.091e-005	2.357e-011	-1.612e-003	-2.111e-004	-1.934e-010

Vettori modali 4 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.272e-005	-3.013e-006	-1.636e-003	4.326e-004	6.661e-003	-1.295e-008
2	1.050e-005	-2.440e-006	-1.166e-003	1.119e-004	-5.105e-003	-1.944e-008
3	-6.777e-006	4.978e-008	-5.298e-004	2.056e-003	3.785e-003	-1.289e-008
4	9.186e-006	-3.112e-006	-6.080e-004	3.458e-004	-4.043e-003	3.398e-009
5	-1.273e-005	-5.404e-007	-3.112e-004	-3.864e-003	-6.942e-002	1.442e-004
6	1.133e-005	-4.091e-007	-3.041e-004	-3.775e-003	6.949e-002	-1.302e-004
7	9.896e-006	4.006e-006	-5.871e-004	-3.567e-004	-3.926e-003	-3.099e-009
8	-7.812e-006	2.061e-006	-5.355e-004	-1.978e-003	3.714e-003	6.689e-009
9	1.152e-005	5.775e-006	-1.146e-003	-1.571e-004	-5.055e-003	1.725e-008
10	-1.334e-005	6.815e-006	-1.635e-003	-4.965e-004	6.663e-003	1.648e-009
11	5.862e-006	1.858e-006	-8.815e-004	2.714e-007	3.071e-003	4.096e-006

Vettori modali 4 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
12	-2.007e-005	2.915e-006	-3.870e-003	-2.154e-007	-9.488e-003	-8.368e-007
13	2.493e-005	3.221e-006	-3.780e-003	-2.009e-007	9.361e-003	4.301e-007
14	-1.390e-005	1.008e-005	-3.113e-004	3.865e-003	-6.942e-002	-1.557e-004
15	1.207e-005	1.094e-005	-3.042e-004	3.776e-003	6.948e-002	1.373e-004
16	0.000e+000	0.000e+000	0.000e+000	-3.903e-003	-4.233e-004	1.500e-004
17	0.000e+000	0.000e+000	0.000e+000	-5.709e-004	1.919e-007	-1.024e-005
18	6.087e-007	4.152e-006	2.193e-005	-1.652e-003	-1.411e-004	3.852e-005
19	0.000e+000	0.000e+000	0.000e+000	-3.814e-003	4.234e-004	-1.305e-004
20	-3.999e-006	-6.774e-007	-1.874e-003	-3.464e-003	-5.170e-002	-9.314e-005
21	-2.790e-007	3.211e-006	-2.695e-004	-4.819e-004	3.960e-004	5.372e-006
22	6.978e-006	-5.296e-007	-1.831e-003	-3.382e-003	5.170e-002	5.914e-005
23	1.509e-005	8.769e-008	-3.309e-003	-2.127e-003	-3.059e-002	4.760e-005
24	-7.129e-007	4.380e-006	-4.607e-004	-2.734e-004	6.606e-004	-6.971e-006
25	2.771e-006	-2.927e-007	-3.232e-003	-2.078e-003	3.053e-002	-4.183e-005
26	3.371e-006	1.178e-006	-5.304e-004	5.076e-007	-6.143e-005	6.152e-007
27	1.443e-005	6.116e-006	-3.309e-003	2.127e-003	-3.059e-002	-4.486e-005
28	-7.961e-007	-2.751e-006	-4.602e-004	2.741e-004	6.524e-004	6.719e-006
29	3.522e-006	7.183e-006	-3.232e-003	2.078e-003	3.053e-002	3.968e-005
30	-5.996e-006	8.132e-006	-1.875e-003	3.464e-003	-5.169e-002	9.587e-005
31	-8.625e-008	-3.733e-006	-2.689e-004	4.816e-004	3.571e-004	-6.751e-006
32	8.434e-006	8.900e-006	-1.831e-003	3.383e-003	5.170e-002	-6.014e-005
33	0.000e+000	1.009e-005	0.000e+000	3.904e-003	-4.232e-004	-1.681e-004
34	0.000e+000	-4.902e-006	0.000e+000	5.693e-004	2.054e-007	1.551e-005
35	2.497e-007	-4.217e-006	2.192e-005	1.651e-003	-1.411e-004	-9.511e-006
36	0.000e+000	1.115e-005	0.000e+000	3.815e-003	4.234e-004	1.425e-004
37	-3.541e-002	8.200e-004	-3.601e-004	8.675e-005	-6.935e-002	1.071e-003
38	3.544e-002	8.009e-004	-3.525e-004	8.566e-005	6.941e-002	-1.068e-003
39	-1.975e-002	2.502e-006	-3.892e-003	1.709e-006	-6.145e-002	-6.938e-007
40	1.973e-002	2.813e-006	-3.803e-003	1.689e-006	6.149e-002	4.170e-007
41	-3.541e-002	-8.121e-004	-3.601e-004	-8.097e-005	-6.934e-002	-1.079e-003
42	3.544e-002	-7.922e-004	-3.525e-004	-7.968e-005	6.941e-002	1.073e-003
43	-6.378e-002	3.617e-004	-4.087e-004	1.308e-003	-4.204e-002	1.998e-003
44	6.384e-002	3.530e-004	-4.007e-004	1.278e-003	4.208e-002	-2.005e-003
45	-5.170e-002	1.455e-006	-3.913e-003	2.281e-006	-5.984e-002	-5.508e-007
46	5.173e-002	1.769e-006	-3.824e-003	2.296e-006	5.994e-002	4.038e-007
47	-6.378e-002	-3.573e-004	-4.088e-004	-1.300e-003	-4.204e-002	-2.003e-003
48	6.384e-002	-3.478e-004	-4.008e-004	-1.270e-003	4.208e-002	2.009e-003
49	-7.380e-002	8.600e-006	-4.596e-004	-4.672e-004	5.298e-003	2.970e-003
50	7.386e-002	8.837e-006	-4.512e-004	-4.600e-004	-5.303e-003	-2.989e-003
51	-7.476e-002	5.907e-006	-1.488e-003	-3.330e-003	7.902e-004	-3.092e-004
52	7.483e-002	6.164e-006	-1.456e-003	-3.253e-003	-7.734e-004	2.987e-004
53	-7.320e-002	3.213e-006	-3.115e-003	-3.042e-003	-3.718e-003	-5.517e-003
54	7.327e-002	3.487e-006	-3.046e-003	-2.971e-003	3.757e-003	5.517e-003
55	-7.122e-002	5.166e-007	-3.933e-003	1.012e-006	-8.226e-003	-4.008e-007
56	7.130e-002	8.103e-007	-3.845e-003	1.071e-006	8.287e-003	3.900e-007
57	-7.320e-002	-2.176e-006	-3.115e-003	3.041e-003	-3.718e-003	5.516e-003
58	7.327e-002	-1.863e-006	-3.046e-003	2.970e-003	3.757e-003	-5.516e-003
59	-7.475e-002	-4.868e-006	-1.488e-003	3.329e-003	7.904e-004	3.078e-004
60	7.483e-002	-4.536e-006	-1.457e-003	3.253e-003	-7.735e-004	-2.975e-004
61	-7.380e-002	-7.558e-006	-4.596e-004	4.718e-004	5.299e-003	-2.972e-003
62	7.386e-002	-7.207e-006	-4.512e-004	4.649e-004	-5.304e-003	2.990e-003
63	6.069e-002	3.257e-007	-4.905e-004	2.927e-004	-4.817e-002	-2.455e-003
64	6.219e-002	-3.283e-007	-3.870e-003	3.137e-006	-4.390e-002	3.681e-007
65	6.069e-002	-1.290e-006	-4.905e-004	-2.872e-004	-4.817e-002	2.456e-003
66	-6.064e-002	-2.199e-006	-4.992e-004	3.016e-004	4.811e-002	2.419e-003

Vettori modali 4 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
67	-6.210e-002	-5.268e-007	-3.958e-003	2.850e-006	4.388e-002	-4.020e-007
68	-6.064e-002	8.588e-007	-4.992e-004	-2.965e-004	4.811e-002	-2.421e-003
69	3.258e-002	2.117e-005	-3.081e-003	3.018e-003	-7.073e-002	2.039e-004
70	3.188e-002	4.388e-005	-1.482e-003	3.226e-003	-7.000e-002	2.673e-003
71	3.057e-002	-6.966e-005	-5.316e-004	-2.333e-004	-6.927e-002	-1.895e-003
72	3.188e-002	-4.697e-005	-1.482e-003	-3.227e-003	-7.000e-002	-2.673e-003
73	3.258e-002	-2.426e-005	-3.081e-003	-3.019e-003	-7.073e-002	-2.035e-004
74	3.243e-002	-1.544e-006	-3.896e-003	1.089e-006	-7.145e-002	3.451e-007
75	3.056e-002	6.657e-005	-5.316e-004	2.357e-004	-6.927e-002	1.895e-003
76	-3.055e-002	-7.004e-005	-5.406e-004	-2.598e-004	6.918e-002	1.840e-003
77	-3.185e-002	-4.725e-005	-1.517e-003	-3.302e-003	6.990e-002	2.634e-003
78	-3.254e-002	-2.444e-005	-3.152e-003	-3.082e-003	7.061e-002	1.855e-004
79	-3.238e-002	-1.625e-006	-3.983e-003	9.701e-007	7.133e-002	-4.033e-007
80	-3.253e-002	2.119e-005	-3.152e-003	3.081e-003	7.061e-002	-1.861e-004
81	-3.185e-002	4.400e-005	-1.518e-003	3.301e-003	6.990e-002	-2.635e-003
82	-3.055e-002	6.679e-005	-5.406e-004	2.619e-004	6.918e-002	-1.841e-003
83	1.847e-002	-1.469e-005	-5.522e-003	2.602e-005	-6.789e-002	-5.837e-005
84	-1.847e-002	9.969e-006	-5.616e-003	2.375e-006	6.778e-002	-6.122e-006
85	-1.847e-002	-1.363e-005	-5.616e-003	-5.604e-007	6.778e-002	5.376e-006
86	-1.976e-002	-1.827e-006	-9.281e-003	8.978e-007	7.151e-002	-4.627e-007
87	1.847e-002	1.115e-005	-5.522e-003	-2.394e-005	-6.789e-002	5.904e-005
88	1.979e-002	-1.766e-006	-9.109e-003	1.028e-006	-7.169e-002	4.463e-007
89	8.822e-003	4.167e-005	-1.289e-002	-1.675e-003	-5.930e-002	6.479e-004
90	8.995e-003	2.714e-005	-1.450e-002	-4.235e-003	-6.061e-002	-9.367e-004
91	9.410e-003	1.261e-005	-1.627e-002	-2.799e-003	-6.192e-002	-6.278e-004
92	9.539e-003	-1.934e-006	-1.694e-002	5.117e-007	-6.323e-002	3.299e-007
93	9.410e-003	-1.648e-005	-1.627e-002	2.799e-003	-6.192e-002	6.278e-004
94	8.995e-003	-3.101e-005	-1.450e-002	4.235e-003	-6.061e-002	9.366e-004
95	8.822e-003	-4.554e-005	-1.289e-002	1.676e-003	-5.930e-002	-6.473e-004
96	-8.844e-003	4.235e-005	-1.297e-002	-1.713e-003	5.916e-002	-6.815e-004
97	-9.006e-003	2.758e-005	-1.461e-002	-4.303e-003	6.044e-002	9.196e-004
98	-9.415e-003	1.280e-005	-1.641e-002	-2.848e-003	6.172e-002	6.215e-004
99	-9.543e-003	-1.980e-006	-1.708e-002	4.424e-007	6.300e-002	-3.419e-007
100	-9.415e-003	-1.677e-005	-1.641e-002	2.848e-003	6.172e-002	-6.216e-004
101	-9.006e-003	-3.155e-005	-1.461e-002	4.303e-003	6.044e-002	-9.197e-004
102	-8.844e-003	-4.632e-005	-1.297e-002	1.714e-003	5.916e-002	6.809e-004
103	2.800e-003	-1.104e-004	-2.069e-002	2.220e-003	-4.388e-002	-1.293e-003
104	-2.838e-003	-1.112e-004	-2.075e-002	2.247e-003	4.373e-002	1.310e-003
105	-3.094e-003	-2.083e-006	-2.543e-002	4.662e-007	4.729e-002	-3.047e-007
106	3.061e-003	-2.051e-006	-2.532e-002	5.445e-007	-4.757e-002	3.783e-007
107	-2.838e-003	1.070e-004	-2.075e-002	-2.246e-003	4.374e-002	-1.311e-003
108	2.800e-003	1.063e-004	-2.069e-002	-2.219e-003	-4.389e-002	1.294e-003
109	3.042e-004	-8.542e-005	-2.662e-002	3.276e-003	-2.351e-002	-1.110e-003
110	-3.922e-004	-2.159e-006	-3.184e-002	4.269e-007	2.546e-002	-1.841e-007
111	3.375e-004	-2.147e-006	-3.178e-002	4.789e-007	-2.577e-002	2.709e-007
112	-3.538e-004	-8.570e-005	-2.666e-002	3.290e-003	2.334e-002	1.116e-003
113	-3.540e-004	8.137e-005	-2.666e-002	-3.288e-003	2.334e-002	-1.116e-003
114	3.040e-004	8.112e-005	-2.663e-002	-3.275e-003	-2.351e-002	1.111e-003
115	-2.702e-005	6.156e-005	-2.886e-002	-4.721e-003	-8.483e-005	2.826e-007
116	-2.855e-005	4.033e-005	-3.169e-002	-5.992e-003	-1.081e-004	4.768e-006
117	-3.054e-005	1.907e-005	-3.379e-002	-2.552e-003	-1.314e-004	2.993e-006
118	-3.120e-005	-2.186e-006	-3.425e-002	3.397e-007	-1.546e-004	1.173e-008
119	-3.051e-005	-2.345e-005	-3.379e-002	2.552e-003	-1.314e-004	-3.130e-006
120	-2.845e-005	-4.470e-005	-3.169e-002	5.993e-003	-1.081e-004	-4.891e-006
121	-2.689e-005	-6.594e-005	-2.886e-002	4.722e-003	-8.481e-005	-2.290e-007

Vettori modali 4 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.273e-005	-5.406e-007	-3.112e-004	-4.005e-003	4.064e-003	-1.034e-008
124	1.133e-005	-4.092e-007	-3.041e-004	-3.821e-003	-2.336e-003	1.517e-008
125	5.861e-006	1.858e-006	-8.815e-004	1.087e-003	5.212e-003	-2.007e-008
126	-2.007e-005	2.915e-006	-3.870e-003	6.236e-005	-7.334e-003	-4.082e-008
127	2.493e-005	3.220e-006	-3.780e-003	-3.285e-005	7.206e-003	1.739e-008
128	-3.084e-010	8.705e-011	-8.856e-012	-3.773e-003	-1.075e-005	2.074e-009
129	-6.760e-011	5.543e-010	1.019e-011	-5.977e-004	9.438e-006	1.616e-009
130	6.090e-007	4.152e-006	2.193e-005	-1.763e-003	-1.962e-004	-8.625e-010
131	2.880e-010	-6.256e-011	-1.067e-011	-3.778e-003	2.935e-004	-1.368e-009
132	-3.998e-006	-6.775e-007	-1.874e-003	-3.437e-003	5.271e-004	-3.600e-009
133	6.977e-006	-5.296e-007	-1.831e-003	-3.448e-003	-6.829e-004	2.361e-009
134	1.509e-005	8.737e-008	-3.309e-003	-2.303e-003	-8.800e-003	-2.644e-009
135	2.771e-006	-2.932e-007	-3.232e-003	-2.156e-003	1.304e-003	3.045e-009
136	3.372e-006	1.179e-006	-5.304e-004	-6.202e-006	-2.204e-003	3.765e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	5.861e-006	1.857e-006	-8.815e-004	-1.028e-003	5.202e-003	2.171e-008
139	-2.007e-005	2.916e-006	-3.870e-003	-4.933e-005	-7.344e-003	4.047e-008
140	2.493e-005	3.221e-006	-3.780e-003	2.237e-005	7.216e-003	-2.485e-008
141	-1.390e-005	1.008e-005	-3.113e-004	3.992e-003	4.281e-003	3.957e-009
142	1.207e-005	1.094e-005	-3.042e-004	3.832e-003	-2.341e-003	-8.679e-009
143	3.372e-006	1.178e-006	-5.304e-004	7.128e-006	-2.194e-003	-5.079e-009
144	1.443e-005	6.116e-006	-3.309e-003	2.290e-003	-8.793e-003	7.475e-009
145	3.522e-006	7.184e-006	-3.232e-003	2.166e-003	1.316e-003	-8.756e-009
146	-5.996e-006	8.132e-006	-1.875e-003	3.451e-003	6.978e-004	3.881e-009
147	8.434e-006	8.900e-006	-1.831e-003	3.438e-003	-7.636e-004	-3.188e-009
148	-1.270e-010	1.009e-005	-4.152e-012	3.789e-003	4.824e-005	-1.282e-010
149	5.537e-011	-4.902e-006	2.059e-012	5.944e-004	-4.857e-005	-3.485e-009
150	2.498e-007	-4.217e-006	2.192e-005	1.621e-003	-1.386e-004	-1.532e-009
151	1.693e-010	1.115e-005	-3.599e-012	3.772e-003	2.347e-004	8.042e-010

Vettori modali 5 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-8.184e-007	-8.804e-006	-2.560e-004	2.778e-004	1.861e-003	1.334e-008
2	-1.883e-006	-1.194e-005	1.290e-004	3.805e-005	8.488e-004	2.039e-009
3	-2.320e-007	-9.854e-006	4.366e-005	4.926e-004	-1.030e-004	3.023e-009
4	-1.018e-007	-1.164e-005	5.008e-005	-1.390e-004	3.273e-004	-2.492e-011
5	-1.851e-006	-9.881e-007	4.286e-005	5.239e-004	1.005e-001	1.166e-004
6	1.160e-006	-9.521e-007	4.255e-005	5.199e-004	-1.006e-001	-1.074e-004
7	6.804e-008	-1.795e-006	-3.477e-005	-1.959e-004	-2.394e-004	1.047e-009
8	3.002e-007	-1.850e-006	8.353e-007	3.474e-004	5.358e-005	2.562e-009
9	1.755e-006	-4.179e-006	-1.246e-004	-8.676e-006	-8.162e-004	-9.745e-011
10	2.099e-006	-3.662e-006	3.235e-004	4.706e-004	-2.077e-003	7.149e-009
11	2.349e-007	-1.034e-006	9.459e-006	-3.375e-005	-1.415e-007	7.113e-005
12	-1.942e-007	-1.251e-005	8.123e-006	-8.627e-005	-2.221e-006	3.938e-004
13	4.139e-007	-1.387e-005	9.309e-006	-8.783e-005	6.339e-007	-3.774e-004
14	1.910e-006	-1.435e-005	-4.146e-005	5.066e-004	-1.005e-001	1.165e-004
15	-1.457e-006	-1.389e-005	-4.096e-005	5.003e-004	1.006e-001	-1.093e-004
16	0.000e+000	0.000e+000	0.000e+000	5.416e-004	6.123e-004	-2.098e-005
17	0.000e+000	0.000e+000	0.000e+000	1.725e-005	1.688e-007	-3.962e-006
18	-1.230e-007	-2.563e-006	-3.183e-005	1.907e-004	2.045e-004	-1.181e-005
19	0.000e+000	0.000e+000	0.000e+000	5.377e-004	-6.134e-004	2.932e-005
20	-1.092e-005	-4.042e-006	1.527e-004	4.062e-005	7.075e-002	-1.618e-005
21	3.164e-007	-2.240e-006	7.527e-006	1.171e-005	-3.185e-004	-1.670e-006
22	4.370e-006	-3.889e-006	1.521e-004	4.230e-005	-7.085e-002	3.294e-005
23	9.019e-006	-7.920e-006	9.641e-005	-2.054e-004	3.537e-002	-1.105e-004

Vettori modali 5 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
24	7.441e-008	-3.165e-006	1.096e-005	1.784e-006	5.102e-005	1.020e-005
25	-1.827e-005	-8.335e-006	9.711e-005	-2.027e-004	-3.543e-002	9.204e-005
26	1.294e-007	-3.210e-006	9.341e-006	-6.712e-006	-9.259e-007	-3.799e-005
27	-1.031e-005	-1.244e-005	-8.227e-005	-2.139e-004	-3.538e-002	-1.092e-004
28	7.222e-007	-6.751e-006	5.583e-006	-7.358e-006	-2.009e-004	9.685e-006
29	1.835e-005	-1.274e-005	-8.091e-005	-2.124e-004	3.543e-002	9.211e-005
30	1.010e-005	-1.320e-005	-1.445e-004	2.595e-005	-7.075e-002	-1.879e-005
31	2.233e-007	-9.125e-006	2.333e-006	-5.463e-006	2.255e-004	-1.313e-006
32	-3.841e-006	-1.270e-005	-1.427e-004	2.539e-005	7.086e-002	3.444e-005
33	0.000e+000	-1.421e-005	0.000e+000	5.241e-004	-6.122e-004	-1.915e-005
34	0.000e+000	-9.798e-006	0.000e+000	-3.743e-006	-2.772e-007	-9.837e-008
35	3.136e-007	-1.213e-005	3.185e-005	1.701e-004	-2.045e-004	-1.575e-005
36	0.000e+000	-1.384e-005	0.000e+000	5.178e-004	6.135e-004	2.368e-005
37	5.092e-002	-1.402e-003	8.175e-005	4.481e-003	9.845e-002	1.570e-002
38	-5.099e-002	-1.375e-003	8.139e-005	4.389e-003	-9.860e-002	-1.572e-002
39	-1.709e-006	-1.371e-003	8.117e-006	4.758e-003	-3.513e-006	2.574e-002
40	1.505e-006	-1.344e-003	9.298e-006	4.661e-003	3.280e-006	-2.576e-002
41	-5.092e-002	-1.409e-003	-8.027e-005	4.471e-003	-9.845e-002	1.570e-002
42	5.100e-002	-1.381e-003	-7.970e-005	4.379e-003	9.860e-002	-1.572e-002
43	9.004e-002	-3.761e-003	1.206e-004	4.479e-003	5.474e-002	3.129e-002
44	-9.017e-002	-3.684e-003	1.202e-004	4.384e-003	-5.482e-002	-3.133e-002
45	-3.271e-006	-3.888e-003	8.108e-006	4.686e-003	-2.488e-006	5.108e-002
46	3.161e-006	-3.809e-003	9.283e-006	4.588e-003	3.001e-006	-5.115e-002
47	-9.004e-002	-3.764e-003	-1.190e-004	4.473e-003	-5.474e-002	3.129e-002
48	9.017e-002	-3.687e-003	-1.184e-004	4.379e-003	5.482e-002	-3.133e-002
49	1.007e-001	-5.302e-003	1.613e-004	9.890e-004	-1.515e-002	4.764e-002
50	-1.009e-001	-5.191e-003	1.608e-004	9.657e-004	1.517e-002	-4.770e-002
51	7.388e-002	-5.303e-003	3.230e-004	-1.709e-004	-1.010e-002	6.658e-002
52	-7.399e-002	-5.193e-003	3.192e-004	-1.654e-004	1.012e-002	-6.667e-002
53	3.843e-002	-5.302e-003	1.333e-004	-4.829e-004	-5.050e-003	8.101e-002
54	-3.849e-002	-5.192e-003	1.341e-004	-4.735e-004	5.058e-003	-8.113e-002
55	-3.881e-006	-5.298e-003	8.093e-006	1.069e-004	3.432e-007	7.766e-002
56	4.090e-006	-5.188e-003	9.262e-006	9.485e-005	2.553e-007	-7.778e-002
57	-3.844e-002	-5.302e-003	-1.201e-004	-4.944e-004	5.051e-003	8.101e-002
58	3.849e-002	-5.192e-003	-1.191e-004	-4.869e-004	-5.058e-003	-8.113e-002
59	-7.389e-002	-5.303e-003	-3.162e-004	-1.849e-004	1.010e-002	6.657e-002
60	7.400e-002	-5.193e-003	-3.117e-004	-1.815e-004	-1.012e-002	-6.667e-002
61	-1.007e-001	-5.302e-003	-1.596e-004	9.835e-004	1.515e-002	4.763e-002
62	1.009e-001	-5.191e-003	-1.589e-004	9.601e-004	-1.517e-002	-4.770e-002
63	-7.939e-002	-4.962e-003	1.991e-004	-1.937e-003	7.161e-002	-3.521e-002
64	3.559e-006	-4.542e-003	9.251e-006	-2.405e-003	-2.404e-006	-5.474e-002
65	7.939e-002	-4.962e-003	-1.971e-004	-1.934e-003	-7.161e-002	-3.520e-002
66	7.927e-002	-5.071e-003	1.996e-004	-1.959e-003	-7.150e-002	3.518e-002
67	-3.120e-006	-4.649e-003	8.087e-006	-2.429e-003	2.695e-006	5.465e-002
68	-7.928e-002	-5.071e-003	-1.979e-004	-1.957e-003	7.151e-002	3.517e-002
69	1.431e-002	-3.396e-003	7.846e-005	1.209e-003	-2.921e-002	-2.916e-002
70	2.712e-002	-3.388e-003	5.727e-004	2.674e-004	-5.842e-002	-2.471e-002
71	-3.799e-002	-3.378e-003	2.392e-004	-4.275e-003	8.763e-002	-2.207e-002
72	-2.711e-002	-3.388e-003	-5.654e-004	2.833e-004	5.842e-002	-2.471e-002
73	-1.431e-002	-3.396e-003	-6.360e-005	1.223e-003	2.921e-002	-2.916e-002
74	1.922e-006	-3.403e-003	9.235e-006	-1.532e-003	-3.962e-006	-3.052e-002
75	3.799e-002	-3.378e-003	-2.372e-004	-4.279e-003	-8.764e-002	-2.206e-002
76	3.793e-002	-3.471e-003	2.399e-004	-4.312e-003	-8.750e-002	2.208e-002
77	2.707e-002	-3.481e-003	-5.707e-004	2.886e-004	-5.833e-002	2.467e-002
78	1.428e-002	-3.490e-003	-6.373e-005	1.233e-003	-2.917e-002	2.910e-002

Vettori modali 5 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
79	-1.531e-006	-3.497e-003	8.076e-006	-1.553e-003	3.398e-006	3.047e-002
80	-1.429e-002	-3.490e-003	7.671e-005	1.221e-003	2.917e-002	2.910e-002
81	-2.707e-002	-3.481e-003	5.771e-004	2.747e-004	5.834e-002	2.467e-002
82	-3.793e-002	-3.471e-003	-2.381e-004	-4.315e-003	8.751e-002	2.207e-002
83	-2.273e-002	-9.050e-004	6.524e-003	-7.945e-003	8.495e-002	-1.634e-002
84	-2.270e-002	-9.619e-004	-6.628e-003	-8.021e-003	8.480e-002	1.635e-002
85	2.270e-002	-9.620e-004	6.630e-003	-8.017e-003	-8.480e-002	1.636e-002
86	-9.345e-007	-9.921e-004	7.826e-006	-5.956e-003	3.305e-006	1.996e-002
87	2.273e-002	-9.050e-004	-6.522e-003	-7.949e-003	-8.495e-002	-1.633e-002
88	1.185e-006	-9.384e-004	8.931e-006	-5.880e-003	-4.343e-006	-1.998e-002
89	-1.085e-002	2.077e-003	1.559e-002	-1.111e-002	7.133e-002	-1.030e-002
90	-7.051e-003	2.080e-003	1.056e-002	-1.055e-002	4.755e-002	-6.575e-003
91	-3.974e-003	2.083e-003	5.402e-003	-1.125e-002	2.377e-002	-6.978e-003
92	5.525e-007	2.085e-003	8.446e-006	-1.132e-002	-3.947e-006	-1.021e-002
93	3.975e-003	2.083e-003	-5.388e-003	-1.127e-002	-2.378e-002	-6.979e-003
94	7.053e-003	2.081e-003	-1.056e-002	-1.057e-002	-4.755e-002	-6.574e-003
95	1.085e-002	2.077e-003	-1.559e-002	-1.112e-002	-7.133e-002	-1.030e-002
96	1.084e-002	2.034e-003	1.568e-002	-1.118e-002	-7.117e-002	1.034e-002
97	7.036e-003	2.037e-003	1.062e-002	-1.061e-002	-4.744e-002	6.563e-003
98	3.968e-003	2.040e-003	5.434e-003	-1.132e-002	-2.372e-002	6.955e-003
99	-4.861e-007	2.042e-003	7.485e-006	-1.140e-002	2.542e-006	1.021e-002
100	-3.969e-003	2.040e-003	-5.422e-003	-1.133e-002	2.372e-002	6.956e-003
101	-7.037e-003	2.037e-003	-1.062e-002	-1.062e-002	4.745e-002	6.562e-003
102	-1.084e-002	2.034e-003	-1.568e-002	-1.118e-002	7.117e-002	1.033e-002
103	3.509e-003	4.847e-003	-2.507e-002	-1.403e-002	-5.395e-002	-7.138e-003
104	-3.516e-003	4.818e-003	-2.513e-002	-1.408e-002	5.378e-002	7.201e-003
105	-2.351e-007	4.834e-003	7.168e-006	-1.578e-002	1.656e-006	6.149e-003
106	1.150e-007	4.864e-003	7.885e-006	-1.572e-002	-3.467e-006	-6.092e-003
107	3.516e-003	4.818e-003	2.514e-002	-1.407e-002	-5.378e-002	7.205e-003
108	-3.509e-003	4.847e-003	2.507e-002	-1.402e-002	5.396e-002	-7.143e-003
109	4.130e-004	6.913e-003	-3.239e-002	-1.652e-002	-2.911e-002	-3.708e-003
110	-1.534e-007	6.916e-003	6.987e-006	-2.036e-002	4.038e-007	2.724e-003
111	-1.063e-007	6.930e-003	7.366e-006	-2.032e-002	-2.421e-006	-2.648e-003
112	-4.332e-004	6.900e-003	-3.243e-002	-1.655e-002	2.893e-002	3.781e-003
113	4.331e-004	6.900e-003	3.243e-002	-1.654e-002	-2.893e-002	3.784e-003
114	-4.131e-004	6.913e-003	3.239e-002	-1.651e-002	2.911e-002	-3.711e-003
115	1.221e-005	7.701e-003	3.516e-002	-1.848e-002	8.751e-005	3.224e-005
116	5.419e-006	7.714e-003	2.515e-002	-2.400e-002	5.801e-005	1.574e-006
117	5.955e-006	7.724e-003	1.274e-002	-2.762e-002	2.851e-005	1.083e-006
118	-1.548e-007	7.729e-003	7.042e-006	-2.485e-002	-9.949e-007	2.942e-005
119	-6.215e-006	7.724e-003	-1.273e-002	-2.763e-002	-2.991e-005	8.979e-007
120	-5.579e-006	7.714e-003	-2.514e-002	-2.402e-002	-5.882e-005	1.369e-006
121	-1.231e-005	7.701e-003	-3.516e-002	-1.849e-002	-8.773e-005	3.223e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.851e-006	-9.880e-007	4.286e-005	5.041e-004	6.636e-004	-3.193e-009
124	1.160e-006	-9.521e-007	4.255e-005	5.828e-004	-6.418e-004	7.570e-009
125	2.348e-007	-1.034e-006	9.459e-006	-1.158e-003	-1.632e-004	-4.883e-009
126	-1.943e-007	-1.251e-005	8.123e-006	-1.121e-004	-1.649e-004	-3.090e-009
127	4.140e-007	-1.387e-005	9.309e-006	-1.989e-004	1.638e-004	2.611e-009
128	9.491e-012	-2.411e-010	-1.176e-011	5.732e-004	-9.742e-005	-3.021e-009
129	-2.638e-011	-2.895e-010	-5.541e-012	1.922e-005	9.804e-005	7.656e-010
130	-1.230e-007	-2.563e-006	-3.183e-005	-6.521e-005	1.736e-004	1.639e-009
131	3.561e-011	-2.006e-010	-1.501e-011	4.901e-004	-3.104e-004	3.221e-009
132	-1.091e-005	-4.042e-006	1.527e-004	1.733e-005	2.442e-003	5.997e-010
133	4.369e-006	-3.889e-006	1.521e-004	-6.435e-005	-6.039e-004	-4.222e-009

Vettori modali 5 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
134	9.018e-006	-7.920e-006	9.641e-005	-2.415e-004	1.920e-004	1.491e-008
135	-1.827e-005	-8.335e-006	9.711e-005	-1.542e-004	3.385e-003	-3.097e-009
136	1.294e-007	-3.210e-006	9.341e-006	-8.922e-006	1.618e-004	6.644e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.349e-007	-1.034e-006	9.459e-006	-8.394e-004	1.526e-004	-7.110e-009
139	-1.941e-007	-1.251e-005	8.123e-006	-1.049e-004	1.494e-004	3.012e-009
140	4.137e-007	-1.387e-005	9.309e-006	-1.319e-004	-1.517e-004	-3.810e-009
141	1.910e-006	-1.435e-005	-4.146e-005	4.833e-004	-8.226e-004	7.766e-009
142	-1.457e-006	-1.389e-005	-4.096e-005	4.979e-004	9.171e-004	-2.711e-009
143	1.294e-007	-3.210e-006	9.341e-006	-7.885e-006	-1.534e-004	9.756e-009
144	-1.031e-005	-1.244e-005	-8.227e-005	-2.566e-004	-4.898e-005	9.398e-009
145	1.835e-005	-1.274e-005	-8.091e-005	-2.302e-004	-2.822e-003	-3.231e-009
146	1.010e-005	-1.320e-005	-1.445e-004	7.319e-006	-2.455e-003	4.132e-009
147	-3.840e-006	-1.270e-005	-1.427e-004	-1.630e-005	7.099e-004	-4.752e-009
148	-1.041e-010	-1.421e-005	-8.412e-012	5.498e-004	4.011e-005	-1.037e-009
149	-6.027e-011	-9.798e-006	3.616e-012	-4.087e-006	-4.104e-005	-6.191e-010
150	3.138e-007	-1.213e-005	3.185e-005	-5.332e-004	-2.306e-004	2.297e-009
151	6.256e-011	-1.384e-005	2.376e-012	5.276e-004	3.687e-004	1.375e-009

Vettori modali 6 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	5.437e-004	-2.511e-004	9.382e-002	-3.233e-002	-2.146e-001	2.149e-006
2	-1.063e-004	-1.344e-004	1.504e-002	-1.919e-002	4.289e-002	1.768e-006
3	2.150e-004	-4.888e-004	2.485e-002	-1.548e-001	-8.662e-002	3.947e-007
4	-6.909e-005	-8.756e-005	8.503e-003	2.083e-003	2.795e-002	-3.208e-007
5	3.040e-005	-5.683e-007	3.238e-003	4.027e-002	-5.902e-003	-3.450e-004
6	-9.346e-005	-2.584e-006	3.709e-003	4.613e-002	6.198e-003	1.149e-003
7	-6.784e-005	-1.229e-004	8.531e-003	-2.054e-003	2.813e-002	1.714e-007
8	2.186e-004	2.555e-004	2.480e-002	1.548e-001	-8.636e-002	-1.732e-007
9	-1.036e-004	-7.585e-005	1.508e-002	1.914e-002	4.295e-002	-1.274e-006
10	5.479e-004	1.641e-005	9.381e-002	3.242e-002	-2.146e-001	-1.466e-006
11	-6.020e-005	-1.155e-004	4.702e-002	-6.722e-007	-1.342e-003	-2.127e-005
12	-5.062e-005	-1.034e-004	4.081e-002	-1.914e-006	-9.905e-003	-2.942e-006
13	-9.197e-005	-1.226e-004	4.652e-002	-1.010e-006	2.712e-003	-2.499e-006
14	2.938e-005	-1.956e-004	3.238e-003	-4.028e-002	-5.902e-003	3.344e-004
15	-9.599e-005	-2.582e-004	3.708e-003	-4.613e-002	6.072e-003	-1.174e-003
16	0.000e+000	0.000e+000	0.000e+000	4.057e-002	-2.020e-006	-3.460e-004
17	0.000e+000	0.000e+000	0.000e+000	4.909e-002	-6.833e-005	-2.095e-004
18	1.091e-005	-5.718e-005	1.135e-005	4.822e-002	-2.613e-005	-2.896e-004
19	0.000e+000	0.000e+000	0.000e+000	4.647e-002	7.458e-005	1.054e-003
20	2.149e-005	-2.745e-005	1.970e-002	3.673e-002	-7.086e-003	4.738e-004
21	2.502e-004	-1.137e-005	2.341e-002	4.226e-002	-9.652e-002	-5.926e-004
22	-5.937e-004	-1.428e-005	2.255e-002	4.194e-002	5.167e-003	1.781e-003
23	-2.418e-004	-6.407e-005	3.492e-002	2.247e-002	-8.495e-003	-9.545e-006
24	3.353e-004	-3.337e-005	4.022e-002	2.405e-002	-1.256e-001	5.684e-004
25	-1.214e-003	-4.140e-005	3.987e-002	2.547e-002	3.940e-003	-1.197e-003
26	-2.864e-005	-1.116e-004	4.633e-002	-5.034e-007	-4.620e-003	-7.892e-006
27	-2.432e-004	-1.413e-004	3.492e-002	-2.247e-002	-8.495e-003	1.477e-005
28	3.325e-004	-1.890e-004	4.022e-002	-2.405e-002	-1.257e-001	-5.595e-004
29	-1.217e-003	-2.057e-004	3.987e-002	-2.547e-002	3.895e-003	1.206e-003
30	1.894e-005	-1.739e-004	1.970e-002	-3.673e-002	-7.086e-003	-4.735e-004
31	2.462e-004	-2.090e-004	2.341e-002	-4.226e-002	-9.659e-002	5.966e-004
32	-5.990e-004	-2.386e-004	2.255e-002	-4.194e-002	5.078e-003	-1.779e-003
33	0.000e+000	-1.948e-004	0.000e+000	-4.057e-002	-2.019e-006	3.309e-004
34	0.000e+000	-2.169e-004	0.000e+000	-4.909e-002	-6.832e-005	1.679e-004
35	1.193e-005	-1.741e-004	1.133e-005	-4.822e-002	-2.597e-005	2.142e-004

Vettori modali 6 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
36	0.000e+000	-2.629e-004	0.000e+000	-4.647e-002	7.393e-005	-1.093e-003
37	-2.871e-003	-8.733e-003	3.479e-003	-4.643e-004	-5.290e-003	4.252e-003
38	2.973e-003	-1.003e-002	3.983e-003	-4.404e-004	5.638e-003	-4.027e-003
39	-7.073e-003	-8.405e-005	4.084e-002	-7.084e-005	-1.649e-002	-1.435e-006
40	5.217e-003	-1.187e-004	4.654e-002	-1.945e-005	1.624e-002	1.413e-005
41	-2.872e-003	8.568e-003	3.479e-003	3.449e-004	-5.290e-003	-4.260e-003
42	2.907e-003	9.776e-003	3.982e-003	4.058e-004	5.517e-003	4.026e-003
43	-4.663e-003	-4.032e-003	3.718e-003	-1.384e-002	-1.553e-003	8.850e-003
44	4.917e-003	-4.690e-003	4.254e-003	-1.579e-002	1.800e-003	-9.202e-003
45	-1.436e-002	-4.165e-005	4.085e-002	-9.103e-005	-1.139e-002	7.185e-008
46	1.344e-002	-1.022e-004	4.653e-002	-4.530e-005	1.485e-002	3.077e-005
47	-4.664e-003	3.942e-003	3.718e-003	1.367e-002	-1.554e-003	-8.855e-003
48	4.804e-003	4.469e-003	4.252e-003	1.568e-002	1.740e-003	9.225e-003
49	-4.000e-003	-3.785e-005	3.966e-003	3.904e-003	4.306e-003	1.367e-002
50	4.332e-003	-1.163e-004	4.536e-003	4.396e-003	-4.260e-003	-1.463e-002
51	-1.053e-002	-2.694e-005	1.487e-002	3.586e-002	3.693e-003	1.280e-002
52	1.126e-002	-1.036e-004	1.694e-002	4.082e-002	-2.539e-003	-1.351e-002
53	-1.533e-002	-1.601e-005	3.229e-002	3.217e-002	3.080e-003	6.940e-003
54	1.631e-002	-9.093e-005	3.677e-002	3.663e-002	-8.181e-004	-7.224e-003
55	-1.693e-002	-5.070e-006	4.083e-002	-3.652e-005	2.467e-003	1.652e-006
56	1.795e-002	-7.817e-005	4.649e-002	-3.911e-005	9.029e-004	4.821e-005
57	-1.533e-002	5.837e-006	3.229e-002	-3.213e-002	3.079e-003	-6.938e-003
58	1.626e-002	-6.552e-005	3.676e-002	-3.659e-002	-8.079e-004	7.325e-003
59	-1.053e-002	1.674e-005	1.489e-002	-3.584e-002	3.691e-003	-1.280e-002
60	1.117e-002	-5.282e-005	1.696e-002	-4.079e-002	-2.519e-003	1.359e-002
61	-4.002e-003	2.763e-005	3.966e-003	-4.016e-003	4.303e-003	-1.367e-002
62	4.212e-003	-4.010e-005	4.533e-003	-4.525e-003	-4.230e-003	1.468e-002
63	1.289e-003	9.753e-004	4.703e-003	-4.885e-003	-7.457e-003	-1.580e-002
64	1.521e-002	-3.478e-005	4.650e-002	-1.223e-004	-1.172e-002	2.887e-005
65	1.199e-003	-1.041e-003	4.700e-003	4.658e-003	-7.364e-003	1.583e-002
66	-1.110e-003	9.038e-004	4.114e-003	-4.266e-003	6.823e-003	1.411e-002
67	-1.296e-002	2.406e-005	4.085e-002	-7.314e-005	1.319e-002	3.617e-006
68	-1.114e-003	-8.524e-004	4.113e-003	4.132e-003	6.816e-003	-1.412e-002
69	7.285e-003	-7.988e-005	3.770e-002	-3.359e-002	-1.194e-002	2.722e-003
70	4.608e-003	-1.740e-004	1.888e-002	-4.053e-002	-7.063e-003	9.002e-003
71	-1.472e-003	2.961e-004	4.877e-003	1.221e-002	-2.270e-003	-1.704e-002
72	4.640e-003	2.022e-004	1.887e-002	4.056e-002	-7.117e-003	-8.968e-003
73	7.300e-003	1.083e-004	3.771e-002	3.362e-002	-1.196e-002	-2.684e-003
74	7.748e-003	1.424e-005	4.648e-002	-4.851e-005	-1.681e-002	8.546e-006
75	-1.515e-003	-2.679e-004	4.873e-003	-1.232e-002	-2.189e-003	1.705e-002
76	1.252e-003	3.076e-004	4.267e-003	1.069e-002	1.366e-003	1.458e-002
77	-3.736e-003	2.220e-004	1.656e-002	3.566e-002	5.582e-003	6.808e-003
78	-5.578e-003	1.364e-004	3.313e-002	2.959e-002	9.799e-003	1.480e-003
79	-5.745e-003	5.061e-005	4.085e-002	-1.974e-005	1.402e-002	5.683e-006
80	-5.584e-003	-3.511e-005	3.312e-002	-2.957e-002	9.795e-003	-1.470e-003
81	-3.744e-003	-1.208e-004	1.657e-002	-3.565e-002	5.573e-003	-6.804e-003
82	1.244e-003	-2.064e-004	4.266e-003	-1.074e-002	1.352e-003	-1.459e-002
83	-1.487e-003	-2.010e-004	4.908e-003	1.055e-002	1.949e-003	-1.901e-002
84	1.106e-003	2.278e-004	4.357e-003	-9.358e-003	-2.782e-003	-1.669e-002
85	1.117e-003	-1.196e-004	4.357e-003	9.322e-003	-2.764e-003	1.668e-002
86	-3.374e-003	5.394e-005	3.988e-002	-1.279e-005	1.256e-002	5.016e-006
87	-1.517e-003	2.485e-004	4.910e-003	-1.065e-002	2.010e-003	1.900e-002
88	4.687e-003	2.352e-005	4.523e-002	-5.075e-005	-1.763e-002	-1.058e-005
89	-1.055e-003	-3.105e-004	5.279e-003	1.977e-002	3.459e-003	-1.534e-002
90	3.076e-003	-1.968e-004	1.994e-002	3.718e-002	-2.863e-003	-3.162e-003

Vettori modali 6 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
91	3.006e-003	-8.296e-005	3.624e-002	2.775e-002	-9.186e-003	2.254e-003
92	2.154e-003	3.092e-005	4.331e-002	-2.265e-005	-1.551e-002	-1.326e-005
93	3.002e-003	1.449e-004	3.624e-002	-2.772e-002	-9.173e-003	-2.223e-003
94	3.056e-003	2.589e-004	1.995e-002	-3.716e-002	-2.838e-003	3.191e-003
95	-1.077e-003	3.726e-004	5.286e-003	-1.983e-002	3.498e-003	1.531e-002
96	5.548e-004	-2.381e-004	4.822e-003	1.776e-002	-4.407e-003	1.363e-002
97	-2.975e-003	-1.403e-004	1.790e-002	3.307e-002	-4.082e-005	2.294e-003
98	-2.644e-003	-4.246e-005	3.238e-002	2.462e-002	4.325e-003	-2.533e-003
99	-1.739e-003	5.543e-005	3.865e-002	-5.928e-008	8.691e-003	2.624e-006
100	-2.651e-003	1.534e-004	3.239e-002	-2.461e-002	4.318e-003	2.551e-003
101	-2.989e-003	2.513e-004	1.790e-002	-3.307e-002	-5.438e-005	-2.283e-003
102	5.407e-004	3.490e-004	4.825e-003	-1.778e-002	-4.427e-003	-1.365e-002
103	-6.366e-004	5.712e-004	5.869e-003	-2.006e-002	3.950e-003	1.217e-002
104	-9.834e-007	5.352e-004	5.538e-003	-1.863e-002	-4.779e-003	-1.129e-002
105	-9.024e-004	5.452e-005	3.762e-002	3.258e-006	5.043e-003	-1.070e-005
106	4.123e-004	3.720e-005	4.110e-002	-2.302e-005	-1.383e-002	-3.112e-005
107	1.559e-005	-4.257e-004	5.532e-003	1.862e-002	-4.757e-003	1.126e-002
108	-6.174e-004	-4.962e-004	5.858e-003	2.001e-002	3.931e-003	-1.222e-002
109	-3.904e-004	3.618e-004	6.472e-003	-2.201e-002	2.624e-003	7.221e-003
110	-6.789e-004	5.178e-005	3.717e-002	3.685e-006	1.431e-004	-1.619e-005
111	-4.883e-004	4.428e-005	3.901e-002	-1.393e-005	-9.918e-003	-3.117e-005
112	-3.088e-004	3.482e-004	6.287e-003	-2.128e-002	-3.504e-003	-6.917e-003
113	-2.907e-004	-2.437e-004	6.277e-003	2.127e-002	-3.485e-003	6.879e-003
114	-3.720e-004	-2.737e-004	6.459e-003	2.197e-002	2.622e-003	-7.276e-003
115	-3.436e-004	-1.367e-004	6.682e-003	2.554e-002	-5.544e-004	-1.747e-005
116	-4.473e-004	-7.487e-005	2.069e-002	3.044e-002	-1.976e-003	3.706e-004
117	-6.249e-004	-1.302e-005	3.295e-002	1.922e-002	-3.398e-003	3.180e-004
118	-7.044e-004	4.884e-005	3.762e-002	1.982e-006	-4.820e-003	-1.286e-005
119	-6.284e-004	1.108e-004	3.296e-002	-1.920e-002	-3.402e-003	-2.880e-004
120	-4.662e-004	1.726e-004	2.070e-002	-3.043e-002	-1.984e-003	-3.452e-004
121	-3.621e-004	2.344e-004	6.694e-003	-2.556e-002	-5.654e-004	-1.889e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	3.041e-005	-5.669e-007	3.238e-003	4.316e-002	-4.146e-002	-2.001e-007
124	-9.348e-005	-2.587e-006	3.709e-003	4.320e-002	1.007e-001	6.171e-007
125	-6.021e-005	-1.155e-004	4.702e-002	-1.557e-001	7.571e-003	-6.221e-007
126	-5.062e-005	-1.034e-004	4.081e-002	-2.253e-003	-2.180e-003	9.127e-008
127	-9.196e-005	-1.226e-004	4.652e-002	3.956e-003	-5.322e-003	1.399e-007
128	-4.824e-009	-1.924e-009	1.428e-010	3.772e-002	-1.892e-003	1.476e-007
129	-2.516e-009	1.283e-009	-1.292e-010	5.133e-002	1.838e-003	-2.518e-007
130	1.092e-005	-5.717e-005	1.135e-005	2.159e-002	-1.992e-003	1.215e-007
131	7.874e-009	3.192e-009	-1.300e-010	4.946e-002	2.221e-003	-1.207e-007
132	2.149e-005	-2.745e-005	1.970e-002	3.517e-002	-1.188e-002	1.683e-007
133	-5.937e-004	-1.428e-005	2.255e-002	4.662e-002	2.090e-001	1.389e-007
134	-2.418e-004	-6.407e-005	3.492e-002	2.582e-002	1.105e-001	4.432e-007
135	-1.214e-003	-4.139e-005	3.987e-002	2.256e-002	5.206e-001	5.127e-007
136	-2.864e-005	-1.116e-004	4.633e-002	3.457e-004	-1.361e-002	5.425e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-6.021e-005	-1.154e-004	4.702e-002	1.556e-001	7.567e-003	6.924e-007
139	-5.062e-005	-1.034e-004	4.081e-002	2.371e-003	-2.182e-003	-9.585e-008
140	-9.196e-005	-1.226e-004	4.652e-002	-3.922e-003	-5.320e-003	-1.997e-007
141	2.939e-005	-1.956e-004	3.238e-003	-4.328e-002	-4.113e-002	1.844e-007
142	-9.601e-005	-2.582e-004	3.708e-003	-4.323e-002	1.012e-001	-6.702e-007
143	-2.864e-005	-1.116e-004	4.633e-002	-3.470e-004	-1.361e-002	-6.306e-007
144	-2.432e-004	-1.413e-004	3.492e-002	-2.594e-002	1.105e-001	-5.282e-007
145	-1.217e-003	-2.057e-004	3.987e-002	-2.260e-002	5.206e-001	-6.380e-007

Vettori modali 6 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
146	1.895e-005	-1.739e-004	1.970e-002	-3.504e-002	-1.161e-002	-2.982e-007
147	-5.990e-004	-2.386e-004	2.255e-002	-4.658e-002	2.095e-001	-1.442e-007
148	-4.485e-009	-1.948e-004	1.636e-010	-3.759e-002	-1.881e-003	-9.340e-008
149	-2.077e-009	-2.169e-004	-1.250e-010	-5.133e-002	1.828e-003	3.674e-007
150	1.194e-005	-1.741e-004	1.133e-005	-2.202e-002	-1.981e-003	-1.288e-007
151	8.306e-009	-2.629e-004	-1.557e-010	-4.943e-002	2.216e-003	9.542e-008

Vettori modali 7 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	7.234e-005	4.260e-005	1.549e-003	5.446e-004	-5.196e-003	-7.034e-008
2	5.246e-005	-5.141e-005	-1.300e-003	1.748e-004	-3.997e-003	-3.173e-008
3	3.206e-005	3.596e-005	5.305e-004	-3.018e-003	-2.398e-003	-2.500e-008
4	2.740e-005	-3.686e-005	-6.057e-004	1.747e-003	-3.110e-003	-8.140e-009
5	4.508e-006	-7.049e-006	3.969e-004	4.918e-003	-6.532e-002	-1.119e-004
6	1.249e-006	7.557e-006	-3.898e-004	-4.830e-003	-6.506e-002	-6.768e-005
7	6.700e-007	-1.005e-006	9.269e-004	2.061e-003	4.526e-003	-1.182e-009
8	9.482e-006	2.448e-006	-7.868e-004	-2.525e-003	2.872e-003	-1.821e-008
9	1.743e-005	-1.444e-005	1.748e-003	1.754e-005	4.482e-003	-2.578e-008
10	3.435e-005	1.920e-005	-1.876e-003	-1.836e-005	6.375e-003	-5.443e-008
11	6.496e-005	3.392e-005	3.145e-005	1.595e-004	6.277e-005	1.823e-004
12	6.316e-005	-7.237e-005	8.842e-005	-4.384e-004	6.093e-005	-1.941e-004
13	6.362e-005	7.371e-005	1.310e-006	4.394e-004	6.701e-005	-1.477e-004
14	9.333e-006	-1.161e-004	-3.819e-004	4.733e-003	6.547e-002	5.663e-005
15	1.198e-005	1.190e-004	3.892e-004	-4.823e-003	6.524e-002	8.953e-005
16	0.000e+000	0.000e+000	0.000e+000	4.982e-003	-5.316e-004	-2.550e-005
17	0.000e+000	0.000e+000	0.000e+000	3.203e-005	2.687e-004	-3.097e-006
18	2.088e-006	4.264e-007	-5.547e-005	-1.610e-003	1.772e-004	9.664e-007
19	0.000e+000	0.000e+000	0.000e+000	-4.893e-003	-5.307e-004	8.620e-006
20	4.463e-005	-2.055e-005	1.402e-003	2.842e-004	-4.598e-002	-6.908e-005
21	1.584e-005	1.616e-007	1.585e-005	3.106e-005	5.209e-003	-4.325e-005
22	3.373e-005	2.147e-005	-1.359e-003	-2.043e-004	-4.579e-002	-1.040e-004
23	5.407e-005	-4.327e-005	8.386e-004	-1.932e-003	-2.296e-002	3.800e-005
24	4.340e-005	-6.546e-007	3.174e-005	3.260e-005	5.157e-003	-8.432e-005
25	7.405e-005	4.366e-005	-7.622e-004	1.982e-003	-2.286e-002	1.809e-005
26	6.490e-005	3.755e-007	4.599e-005	1.960e-005	6.199e-005	8.619e-005
27	5.542e-005	-8.248e-005	-6.850e-004	-2.025e-003	2.309e-002	9.424e-005
28	7.027e-005	-9.368e-008	4.745e-005	-1.681e-005	-3.729e-003	-1.932e-005
29	4.351e-005	8.388e-005	7.624e-004	1.976e-003	2.301e-002	7.928e-005
30	2.667e-005	-9.750e-005	-1.314e-003	1.238e-004	4.612e-002	3.613e-005
31	5.084e-005	-1.034e-007	2.991e-005	-5.110e-005	-3.968e-003	7.540e-005
32	3.323e-005	1.001e-004	1.358e-003	-2.053e-004	4.596e-002	1.291e-005
33	0.000e+000	-1.154e-004	0.000e+000	4.794e-003	5.320e-004	1.501e-004
34	0.000e+000	1.215e-006	0.000e+000	-6.416e-005	-2.675e-004	1.393e-004
35	-1.755e-006	3.508e-005	5.527e-005	-1.671e-003	-1.769e-004	1.575e-004
36	0.000e+000	1.181e-004	0.000e+000	-4.885e-003	5.307e-004	1.811e-004
37	-3.273e-002	-1.631e-002	5.877e-004	5.236e-002	-6.176e-002	-7.491e-003
38	-3.260e-002	1.629e-002	-5.802e-004	-5.237e-002	-6.152e-002	-7.440e-003
39	9.506e-005	-1.536e-002	8.829e-005	5.290e-002	5.570e-005	-1.579e-002
40	1.064e-004	1.537e-002	1.616e-006	-5.290e-002	8.826e-005	-1.570e-002
41	3.282e-002	-1.635e-002	-5.720e-004	5.229e-002	6.190e-002	-7.358e-003
42	3.271e-002	1.638e-002	5.800e-004	-5.229e-002	6.168e-002	-7.296e-003
43	-5.590e-002	-4.322e-002	7.781e-004	4.911e-002	-2.854e-002	-1.487e-002
44	-5.568e-002	4.322e-002	-7.703e-004	-4.915e-002	-2.843e-002	-1.481e-002
45	1.081e-004	-4.306e-002	8.808e-005	5.096e-002	-9.478e-006	-3.138e-002
46	1.356e-004	4.306e-002	1.921e-006	-5.096e-002	1.863e-005	-3.125e-002
47	5.604e-002	-4.324e-002	-7.617e-004	4.907e-002	2.858e-002	-1.477e-002

Vettori modali 7 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
48	5.584e-002	4.326e-002	7.704e-004	-4.905e-002	2.847e-002	-1.468e-002
49	-5.834e-002	-5.835e-002	9.772e-004	3.929e-003	1.935e-002	-2.261e-002
50	-5.812e-002	5.836e-002	-9.690e-004	-3.919e-003	1.927e-002	-2.254e-002
51	-4.443e-002	-5.841e-002	1.388e-003	-1.459e-003	1.287e-002	-3.707e-002
52	-4.424e-002	5.841e-002	-1.355e-003	1.539e-003	1.281e-002	-3.696e-002
53	-2.359e-002	-5.842e-002	3.298e-004	-2.197e-003	6.384e-003	-4.932e-002
54	-2.348e-002	5.843e-002	-2.585e-004	2.268e-003	6.355e-003	-4.916e-002
55	8.004e-005	-5.840e-002	8.780e-005	2.008e-003	-9.930e-005	-4.774e-002
56	1.152e-004	5.840e-002	2.240e-006	-2.007e-003	-1.008e-004	-4.757e-002
57	2.375e-002	-5.842e-002	-1.869e-004	-2.323e-003	-6.553e-003	-4.931e-002
58	2.370e-002	5.843e-002	2.583e-004	2.252e-003	-6.533e-003	-4.912e-002
59	4.457e-002	-5.841e-002	-1.316e-003	-1.614e-003	-1.301e-002	-3.703e-002
60	4.443e-002	5.841e-002	1.349e-003	1.535e-003	-1.296e-002	-3.686e-002
61	5.846e-002	-5.835e-002	-9.601e-004	3.878e-003	-1.946e-002	-2.255e-002
62	5.825e-002	5.836e-002	9.695e-004	-3.885e-003	-1.940e-002	-2.243e-002
63	-4.054e-002	5.108e-002	-1.157e-003	3.013e-002	5.022e-002	-1.049e-002
64	4.679e-005	5.043e-002	2.578e-006	3.078e-002	-1.709e-004	-2.835e-002
65	4.059e-002	5.108e-002	1.158e-003	3.012e-002	-5.044e-002	-1.043e-002
66	-4.069e-002	-5.108e-002	1.165e-003	-3.013e-002	5.043e-002	-1.051e-002
67	1.881e-005	-5.043e-002	8.757e-005	-3.077e-002	-1.445e-004	-2.842e-002
68	4.073e-002	-5.108e-002	-1.148e-003	-3.010e-002	-5.061e-002	-1.051e-002
69	6.442e-003	3.541e-002	2.310e-003	-6.984e-003	-1.303e-002	-1.680e-002
70	1.379e-002	3.545e-002	-1.936e-003	-5.954e-003	-2.596e-002	-1.221e-002
71	-1.650e-002	3.547e-002	-1.354e-003	2.476e-002	3.874e-002	2.173e-003
72	-1.383e-002	3.545e-002	1.940e-003	-5.950e-003	2.579e-002	-1.220e-002
73	-6.495e-003	3.541e-002	-2.304e-003	-6.982e-003	1.284e-002	-1.679e-002
74	-2.696e-005	3.534e-002	2.932e-006	2.160e-002	-1.033e-004	-8.145e-003
75	1.645e-002	3.547e-002	1.355e-003	2.475e-002	-3.889e-002	2.181e-003
76	-1.655e-002	-3.547e-002	1.362e-003	-2.472e-002	3.890e-002	2.199e-003
77	-1.388e-002	-3.545e-002	-1.903e-003	6.025e-003	2.591e-002	-1.224e-002
78	-6.516e-003	-3.541e-002	2.376e-003	7.044e-003	1.292e-002	-1.684e-002
79	-3.975e-005	-3.534e-002	8.726e-005	-2.159e-002	-7.260e-005	-8.118e-003
80	6.439e-003	-3.541e-002	-2.234e-003	6.917e-003	-1.306e-002	-1.685e-002
81	1.382e-002	-3.545e-002	1.973e-003	5.872e-003	-2.605e-002	-1.228e-002
82	1.651e-002	-3.547e-002	-1.344e-003	-2.477e-002	-3.904e-002	2.142e-003
83	-1.083e-002	3.031e-002	9.146e-004	2.560e-002	2.526e-002	1.501e-002
84	1.080e-002	-3.030e-002	9.849e-004	-2.558e-002	-2.546e-002	1.500e-002
85	-1.086e-002	-3.030e-002	-9.581e-004	-2.555e-002	2.536e-002	1.507e-002
86	-4.768e-005	-3.034e-002	9.047e-005	-3.055e-002	-1.716e-005	1.012e-002
87	1.077e-002	3.031e-002	-9.219e-004	2.560e-002	-2.534e-002	1.501e-002
88	-4.019e-005	3.034e-002	-2.352e-006	3.057e-002	-4.606e-005	1.005e-002
89	-8.126e-003	2.473e-002	2.903e-003	1.795e-002	1.027e-002	2.252e-002
90	-9.317e-003	2.478e-002	4.020e-003	-8.866e-003	6.853e-003	-1.243e-002
91	-1.402e-003	2.480e-002	-1.250e-003	-8.808e-003	3.433e-003	-1.543e-002
92	-4.266e-005	2.481e-002	-4.036e-006	1.860e-002	1.419e-005	1.535e-002
93	1.318e-003	2.480e-002	1.241e-003	-8.812e-003	-3.420e-003	-1.543e-002
94	9.238e-003	2.478e-002	-4.031e-003	-8.870e-003	-6.854e-003	-1.244e-002
95	8.051e-003	2.473e-002	-2.916e-003	1.795e-002	-1.029e-002	2.252e-002
96	-8.140e-003	-2.473e-002	-2.958e-003	-1.787e-002	1.036e-002	2.255e-002
97	-9.334e-003	-2.477e-002	-4.026e-003	8.985e-003	6.921e-003	-1.244e-002
98	-1.409e-003	-2.480e-002	1.299e-003	8.913e-003	3.479e-003	-1.545e-002
99	-4.622e-005	-2.481e-002	8.921e-005	-1.856e-002	3.648e-005	1.537e-002
100	1.313e-003	-2.480e-002	-1.147e-003	8.810e-003	-3.442e-003	-1.544e-002
101	9.243e-003	-2.477e-002	4.117e-003	8.843e-003	-6.920e-003	-1.247e-002
102	8.069e-003	-2.473e-002	2.992e-003	-1.795e-002	-1.040e-002	2.249e-002

Vettori modali 7 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
103	7.588e-003	1.760e-002	-3.463e-003	1.778e-002	2.177e-003	4.210e-002
104	7.594e-003	-1.760e-002	3.554e-003	-1.778e-002	2.085e-003	4.208e-002
105	-3.899e-005	-1.765e-002	7.970e-005	-2.237e-002	8.656e-005	4.346e-002
106	-3.780e-005	1.765e-002	2.518e-006	2.242e-002	6.953e-005	4.345e-002
107	-7.666e-003	-1.760e-002	-3.519e-003	-1.772e-002	-2.066e-003	4.212e-002
108	-7.661e-003	1.760e-002	3.452e-003	1.780e-002	-2.138e-003	4.209e-002
109	8.051e-003	8.474e-003	-2.269e-003	1.116e-002	1.052e-002	4.777e-002
110	-3.158e-005	-7.866e-003	6.176e-005	-1.517e-002	1.147e-004	4.852e-002
111	-3.140e-005	7.865e-003	1.821e-005	1.523e-002	1.059e-004	4.852e-002
112	8.052e-003	-8.475e-003	2.374e-003	-1.116e-002	1.047e-002	4.776e-002
113	-8.121e-003	-8.476e-003	-2.345e-003	-1.110e-002	-1.041e-002	4.778e-002
114	-8.120e-003	8.474e-003	2.269e-003	1.119e-002	-1.045e-002	4.776e-002
115	-8.401e-003	-1.303e-006	-4.020e-005	4.982e-005	-1.307e-002	3.865e-002
116	-1.148e-002	-1.229e-006	-1.286e-005	6.304e-005	-8.677e-003	-1.728e-002
117	-2.603e-004	-1.155e-006	1.665e-005	5.829e-005	-4.280e-003	-2.112e-002
118	-2.866e-005	-1.080e-006	3.958e-005	3.620e-005	1.174e-004	2.916e-002
119	1.984e-004	-1.023e-006	5.304e-005	1.880e-005	4.464e-003	-2.110e-002
120	1.141e-002	-9.647e-007	5.701e-005	-8.969e-007	8.811e-003	-1.728e-002
121	8.334e-003	-9.059e-007	5.480e-005	-4.095e-006	1.316e-002	3.865e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	4.509e-006	-7.047e-006	3.969e-004	4.913e-003	-5.141e-003	-2.045e-008
124	1.250e-006	7.556e-006	-3.898e-004	-4.517e-003	-1.736e-003	-1.107e-008
125	6.496e-005	3.392e-005	3.145e-005	5.400e-003	-9.632e-005	-6.165e-008
126	6.316e-005	-7.237e-005	8.842e-005	-8.951e-004	-1.049e-004	-2.512e-008
127	6.362e-005	7.371e-005	1.310e-006	5.865e-004	2.198e-004	-4.465e-008
128	4.870e-010	-1.102e-009	-5.755e-011	5.037e-003	-1.205e-003	-1.068e-008
129	1.010e-009	-9.755e-011	2.048e-011	3.307e-005	1.207e-003	2.228e-008
130	2.089e-006	4.265e-007	-5.547e-005	-2.744e-003	-7.190e-004	-7.305e-009
131	2.921e-010	5.727e-010	2.326e-011	-5.243e-003	4.825e-004	-1.200e-008
132	4.463e-005	-2.055e-005	1.402e-003	-1.373e-004	-6.513e-003	-1.634e-008
133	3.373e-005	2.147e-005	-1.359e-003	-9.351e-005	-1.654e-003	9.394e-009
134	5.407e-005	-4.326e-005	8.386e-004	-2.112e-003	-2.850e-003	-1.042e-008
135	7.405e-005	4.366e-005	-7.622e-004	2.478e-003	-1.177e-002	2.314e-009
136	6.489e-005	3.760e-007	4.599e-005	2.648e-005	2.225e-004	3.339e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	6.496e-005	3.392e-005	3.145e-005	3.750e-003	2.916e-004	-5.370e-008
139	6.317e-005	-7.237e-005	8.842e-005	-7.845e-004	2.895e-004	1.069e-008
140	6.362e-005	7.371e-005	1.310e-006	-5.339e-005	-1.583e-004	-6.588e-009
141	9.332e-006	-1.161e-004	-3.819e-004	4.639e-003	2.503e-003	4.418e-008
142	1.198e-005	1.190e-004	3.892e-004	-3.891e-003	1.243e-004	6.246e-008
143	6.490e-005	3.754e-007	4.599e-005	2.377e-005	-1.649e-004	5.075e-008
144	5.542e-005	-8.248e-005	-6.850e-004	-2.311e-003	1.635e-003	-5.235e-008
145	4.351e-005	8.388e-005	7.624e-004	3.102e-003	8.511e-003	-1.226e-008
146	2.667e-005	-9.750e-005	-1.314e-003	-2.054e-004	3.919e-003	-1.177e-008
147	3.323e-005	1.001e-004	1.358e-003	-7.195e-004	6.131e-004	1.049e-008
148	-7.420e-010	-1.154e-004	-5.596e-011	4.886e-003	4.052e-004	-2.208e-010
149	-6.549e-010	1.215e-006	-5.116e-012	-6.866e-005	-4.083e-004	8.126e-009
150	-1.756e-006	3.508e-005	5.527e-005	-2.554e-004	-6.935e-005	-1.212e-008
151	-7.103e-010	1.181e-004	6.651e-011	-5.801e-003	2.987e-004	1.160e-009

Vettori modali 8 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.536e-004	-3.879e-005	1.028e-002	2.875e-003	-3.359e-002	-1.259e-007
2	-9.263e-005	1.328e-005	-9.921e-003	-2.766e-003	-1.754e-002	-1.642e-007
3	-4.654e-005	-9.272e-005	2.940e-003	-2.140e-002	-1.330e-002	-1.263e-007
4	2.007e-005	4.171e-005	-5.875e-003	1.202e-002	-2.997e-002	-6.804e-008

Vettori modali 8 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
5	-7.581e-005	-5.172e-006	-2.339e-004	-2.960e-003	-9.863e-002	9.265e-004
6	-4.659e-005	3.779e-006	1.130e-004	1.457e-003	-9.891e-002	5.766e-004
7	2.110e-005	-1.981e-005	-5.333e-003	-1.106e-002	-2.706e-002	4.891e-008
8	-4.073e-005	4.292e-005	2.508e-003	2.039e-002	-1.181e-002	9.194e-008
9	-8.423e-005	1.453e-005	-9.080e-003	2.254e-003	-1.615e-002	1.340e-007
10	-1.495e-004	-6.289e-006	9.439e-003	-2.773e-003	-3.123e-002	1.672e-007
11	-3.427e-004	-1.449e-005	-2.130e-004	5.694e-006	-2.568e-003	-5.015e-005
12	-3.578e-004	2.426e-005	-3.555e-003	-5.469e-006	-8.244e-003	-8.371e-006
13	-3.664e-004	-3.438e-005	2.050e-003	6.353e-006	-8.095e-003	3.197e-006
14	-8.613e-005	9.612e-005	-2.361e-004	2.987e-003	-9.839e-002	-1.039e-003
15	-5.368e-005	-1.115e-004	1.152e-004	-1.484e-003	-9.868e-002	-6.514e-004
16	0.000e+000	0.000e+000	0.000e+000	-2.906e-003	-7.887e-004	8.653e-004
17	0.000e+000	0.000e+000	0.000e+000	-7.382e-004	3.774e-004	-1.060e-004
18	-9.025e-006	-2.082e-005	-7.950e-005	-2.891e-005	2.609e-004	-1.179e-004
19	0.000e+000	0.000e+000	0.000e+000	1.390e-003	-7.871e-004	5.181e-004
20	-2.776e-004	-1.657e-005	-1.571e-003	-3.216e-003	-7.190e-002	1.616e-004
21	-5.341e-005	4.233e-007	-3.520e-004	-6.354e-004	-2.650e-002	1.989e-004
22	-2.214e-004	1.274e-005	8.383e-004	1.860e-003	-7.205e-002	4.267e-004
23	-3.071e-004	-7.802e-006	-2.974e-003	-2.172e-003	-4.007e-002	8.203e-005
24	-1.784e-004	2.812e-006	-6.099e-004	-3.862e-004	-2.861e-002	3.804e-004
25	-4.179e-004	4.607e-006	1.683e-003	1.351e-003	-4.007e-002	1.100e-004
26	-3.366e-004	-6.239e-006	-7.133e-004	5.364e-006	-1.955e-003	-2.115e-005
27	-3.197e-004	6.139e-005	-2.980e-003	2.160e-003	-3.999e-002	-4.052e-005
28	-1.810e-004	-1.601e-005	-6.057e-004	3.902e-004	-3.126e-002	-3.659e-004
29	-4.407e-004	-7.861e-005	1.690e-003	-1.339e-003	-3.999e-002	-7.808e-005
30	-3.039e-004	8.576e-005	-1.579e-003	3.221e-003	-7.173e-002	-1.529e-004
31	-5.898e-005	-1.490e-005	-3.482e-004	6.298e-004	-2.904e-002	-1.811e-004
32	-2.411e-004	-1.012e-004	8.474e-004	-1.866e-003	-7.189e-002	-4.424e-004
33	0.000e+000	9.655e-005	0.000e+000	2.933e-003	-7.855e-004	-1.009e-003
34	0.000e+000	-1.830e-005	0.000e+000	7.298e-004	3.737e-004	4.164e-006
35	-7.063e-006	-2.616e-005	-7.882e-005	1.404e-005	2.593e-004	-2.450e-005
36	0.000e+000	-1.128e-004	0.000e+000	-1.417e-003	-7.832e-004	-6.202e-004
37	-4.897e-002	6.802e-004	-1.013e-004	-8.347e-005	-9.002e-002	-4.567e-004
38	-4.908e-002	-3.549e-004	-2.972e-005	1.018e-004	-9.028e-002	-5.855e-004
39	-2.319e-002	3.454e-006	-3.435e-003	7.705e-005	-7.007e-002	-3.024e-005
40	-2.330e-002	-1.327e-005	1.924e-003	-7.951e-005	-7.050e-002	-2.223e-005
41	-4.886e-002	-6.459e-004	-1.040e-004	2.639e-004	-8.980e-002	3.548e-004
42	-4.897e-002	3.039e-004	-2.708e-005	-2.836e-004	-9.006e-002	5.105e-004
43	-8.051e-002	3.552e-004	3.142e-005	1.096e-003	-3.173e-002	-1.840e-003
44	-8.071e-002	-2.080e-004	-1.724e-004	-5.720e-004	-3.182e-002	-1.748e-003
45	-5.587e-002	-3.866e-005	-3.312e-003	8.091e-005	-4.995e-002	-5.212e-005
46	-5.621e-002	3.089e-005	1.797e-003	-8.635e-005	-5.041e-002	-4.765e-005
47	-8.032e-002	-4.180e-004	2.826e-005	-9.080e-004	-3.164e-002	1.748e-003
48	-8.052e-002	2.560e-004	-1.693e-004	3.768e-004	-3.174e-002	1.672e-003
49	-7.566e-002	-8.961e-005	1.706e-004	2.593e-004	5.090e-002	-3.291e-003
50	-7.585e-002	8.580e-005	-3.218e-004	-4.101e-004	5.106e-002	-2.966e-003
51	-7.337e-002	-8.142e-005	-6.871e-004	-3.255e-003	4.715e-002	-9.189e-003
52	-7.371e-002	7.718e-005	1.240e-004	1.911e-003	4.725e-002	-8.886e-003
53	-6.660e-002	-7.317e-005	-2.338e-003	-3.139e-003	4.340e-002	-1.736e-002
54	-6.706e-002	6.851e-005	1.129e-003	1.961e-003	4.344e-002	-1.722e-002
55	-6.095e-002	-6.486e-005	-3.180e-003	9.315e-006	3.965e-002	-7.506e-005
56	-6.143e-002	5.979e-005	1.661e-003	-1.319e-005	3.964e-002	-7.432e-005
57	-6.653e-002	-5.659e-005	-2.341e-003	3.119e-003	4.337e-002	1.720e-002
58	-6.698e-002	5.109e-005	1.131e-003	-1.938e-003	4.341e-002	1.706e-002
59	-7.323e-002	-4.827e-005	-6.981e-004	3.246e-003	4.709e-002	9.071e-003

Vettori modali 8 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
60	-7.357e-002	4.235e-005	1.362e-004	-1.900e-003	4.719e-002	8.769e-003
61	-7.547e-002	-3.991e-005	1.669e-004	-2.117e-004	5.081e-002	3.210e-003
62	-7.566e-002	3.358e-005	-3.183e-004	3.527e-004	5.097e-002	2.891e-003
63	-3.825e-002	5.565e-004	-4.615e-004	-7.684e-004	9.962e-002	-8.264e-003
64	-2.485e-002	6.095e-005	1.542e-003	8.260e-006	1.038e-001	-3.886e-005
65	-3.814e-002	-4.299e-004	-4.575e-004	7.897e-004	9.942e-002	8.235e-003
66	-3.818e-002	-5.929e-004	3.039e-004	9.197e-004	9.934e-002	-8.664e-003
67	-2.446e-002	-6.231e-005	-3.066e-003	-1.828e-005	1.034e-001	-3.889e-005
68	-3.806e-002	4.635e-004	2.997e-004	-9.598e-004	9.913e-002	8.632e-003
69	2.282e-002	8.885e-005	1.361e-003	-4.665e-004	8.080e-002	9.228e-003
70	1.649e-002	1.242e-004	8.130e-004	-1.976e-003	7.921e-002	1.644e-002
71	8.785e-003	-5.217e-005	-6.079e-004	4.123e-003	7.778e-002	-1.383e-002
72	1.647e-002	-1.696e-005	8.147e-004	1.968e-003	7.931e-002	-1.645e-002
73	2.281e-002	1.825e-005	1.357e-003	4.567e-004	8.085e-002	-9.251e-003
74	2.490e-002	5.345e-005	1.416e-003	1.785e-005	8.238e-002	-1.582e-006
75	8.802e-003	1.594e-004	-6.033e-004	-4.080e-003	7.763e-002	1.385e-002
76	8.752e-003	4.508e-005	4.439e-004	-4.544e-003	7.769e-002	-1.431e-002
77	1.660e-002	1.308e-005	-1.448e-003	-3.310e-003	7.911e-002	-1.666e-002
78	2.299e-002	-1.893e-005	-2.605e-003	-1.535e-003	8.053e-002	-9.276e-003
79	2.508e-002	-5.093e-005	-2.942e-003	-2.136e-005	8.195e-002	-8.703e-007
80	2.300e-002	-8.313e-005	-2.609e-003	1.548e-003	8.048e-002	9.253e-003
81	1.661e-002	-1.153e-004	-1.445e-003	3.320e-003	7.901e-002	1.665e-002
82	8.769e-003	-1.473e-004	4.391e-004	4.492e-003	7.753e-002	1.433e-002
83	2.002e-002	-1.481e-004	3.950e-003	6.993e-003	4.963e-002	-1.140e-002
84	1.997e-002	-2.388e-004	-4.193e-003	7.319e-003	4.955e-002	1.204e-002
85	1.998e-002	1.494e-004	-4.198e-003	-7.378e-003	4.965e-002	-1.198e-002
86	3.687e-002	-4.476e-005	-7.824e-003	-3.399e-005	5.163e-002	2.479e-005
87	2.001e-002	2.441e-004	3.946e-003	-6.942e-003	4.953e-002	1.145e-002
88	3.678e-002	4.803e-005	6.239e-003	3.052e-005	5.206e-002	2.325e-005
89	2.522e-002	-6.648e-005	7.843e-003	8.139e-003	1.905e-002	-1.038e-002
90	3.290e-002	-3.079e-005	1.050e-002	2.927e-003	1.867e-002	-1.828e-002
91	3.998e-002	4.922e-006	1.079e-002	-1.185e-003	1.828e-002	-9.997e-003
92	4.209e-002	4.063e-005	1.022e-002	1.936e-005	1.790e-002	3.267e-005
93	3.997e-002	7.634e-005	1.079e-002	1.160e-003	1.827e-002	9.986e-003
94	3.290e-002	1.120e-004	1.049e-002	-2.951e-003	1.864e-002	1.827e-002
95	2.521e-002	1.475e-004	7.831e-003	-8.101e-003	1.901e-002	1.046e-002
96	2.520e-002	8.075e-005	-8.101e-003	-8.849e-003	1.918e-002	-1.089e-002
97	3.300e-002	4.159e-005	-1.127e-002	-4.206e-003	1.865e-002	-1.835e-002
98	4.006e-002	2.392e-006	-1.211e-002	2.800e-004	1.813e-002	-9.891e-003
99	4.213e-002	-3.681e-005	-1.176e-002	-2.070e-005	1.761e-002	3.389e-005
100	4.005e-002	-7.599e-005	-1.211e-002	-2.536e-004	1.812e-002	9.879e-003
101	3.300e-002	-1.151e-004	-1.126e-002	4.231e-003	1.863e-002	1.835e-002
102	2.518e-002	-1.542e-004	-8.088e-003	8.806e-003	1.914e-002	1.097e-002
103	2.582e-002	1.031e-004	8.547e-003	-7.340e-003	-7.800e-003	3.079e-003
104	2.581e-002	-1.199e-004	-8.827e-003	8.064e-003	-7.642e-003	3.513e-003
105	4.236e-002	-2.571e-005	-1.196e-002	-2.689e-005	-1.297e-002	7.079e-005
106	4.235e-002	2.989e-005	1.046e-002	2.563e-005	-1.277e-002	6.944e-005
107	2.583e-002	6.849e-005	-8.841e-003	-8.109e-003	-7.651e-003	-3.377e-003
108	2.584e-002	-4.335e-005	8.561e-003	7.380e-003	-7.810e-003	-2.944e-003
109	2.458e-002	2.725e-004	5.456e-003	-4.222e-003	-2.567e-002	7.062e-004
110	4.066e-002	-1.059e-005	-7.759e-003	-1.871e-005	-3.294e-002	7.742e-005
111	4.066e-002	1.506e-005	6.274e-003	1.789e-005	-3.285e-002	7.648e-005
112	2.458e-002	-2.815e-004	-5.761e-003	5.041e-003	-2.555e-002	9.790e-004
113	2.460e-002	2.587e-004	-5.770e-003	-5.071e-003	-2.560e-002	-8.263e-004
114	2.460e-002	-2.408e-004	5.465e-003	4.248e-003	-2.571e-002	-5.547e-004

Vettori modali 8 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
115	2.388e-002	6.475e-006	-1.587e-004	-4.910e-004	-3.216e-002	-3.448e-003
116	2.975e-002	5.082e-006	-4.286e-004	-5.810e-004	-3.461e-002	-1.716e-002
117	3.708e-002	3.685e-006	-6.574e-004	-3.456e-004	-3.705e-002	-1.158e-002
118	3.976e-002	2.285e-006	-7.384e-004	-4.565e-008	-3.950e-002	5.190e-005
119	3.707e-002	8.879e-007	-6.572e-004	3.463e-004	-3.704e-002	1.155e-002
120	2.976e-002	-5.095e-007	-4.282e-004	5.812e-004	-3.457e-002	1.713e-002
121	2.387e-002	-1.907e-006	-1.585e-004	4.897e-004	-3.211e-002	3.576e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-7.582e-005	-5.174e-006	-2.339e-004	-4.125e-003	4.604e-002	8.402e-008
124	-4.660e-005	3.781e-006	1.130e-004	1.795e-003	1.357e-002	5.319e-010
125	-3.427e-004	-1.449e-005	-2.130e-004	-2.415e-002	-2.370e-003	5.389e-008
126	-3.578e-004	2.425e-005	-3.555e-003	1.056e-003	-6.159e-003	-2.351e-008
127	-3.664e-004	-3.438e-005	2.050e-003	-2.783e-004	-7.306e-003	3.805e-008
128	-4.337e-010	-5.689e-010	4.867e-012	-1.731e-003	6.101e-003	-4.022e-008
129	-1.026e-009	-9.944e-010	-1.787e-010	-7.797e-004	-6.085e-003	-2.875e-008
130	-9.030e-006	-2.082e-005	-7.950e-005	-1.363e-003	6.694e-003	5.609e-008
131	-7.119e-010	1.146e-009	1.652e-011	1.014e-003	-7.028e-003	-9.168e-009
132	-2.776e-004	-1.657e-005	-1.571e-003	-2.235e-003	6.012e-002	6.030e-009
133	-2.214e-004	1.274e-005	8.383e-004	1.657e-003	3.189e-002	-7.738e-009
134	-3.071e-004	-7.806e-006	-2.974e-003	-3.371e-003	2.185e-002	1.551e-007
135	-4.179e-004	4.612e-006	1.683e-003	1.719e-003	7.292e-002	4.966e-008
136	-3.366e-004	-6.238e-006	-7.133e-004	-3.830e-005	-1.951e-003	2.912e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.427e-004	-1.448e-005	-2.130e-004	2.648e-002	-2.339e-003	-2.901e-009
139	-3.578e-004	2.426e-005	-3.555e-003	-6.970e-004	-6.127e-003	7.865e-009
140	-3.664e-004	-3.439e-005	2.050e-003	3.812e-004	-7.339e-003	-6.242e-008
141	-8.614e-005	9.612e-005	-2.361e-004	3.782e-003	5.120e-002	-1.827e-007
142	-5.368e-005	-1.115e-004	1.152e-004	-1.916e-003	1.659e-002	-8.215e-008
143	-3.366e-004	-6.241e-006	-7.133e-004	5.062e-005	-1.987e-003	-7.209e-008
144	-3.197e-004	6.139e-005	-2.980e-003	2.988e-003	2.448e-002	-1.354e-007
145	-4.407e-004	-7.861e-005	1.690e-003	-1.796e-003	7.976e-002	-3.988e-008
146	-3.039e-004	8.577e-005	-1.579e-003	2.612e-003	6.640e-002	-3.242e-008
147	-2.411e-004	-1.012e-004	8.474e-004	-1.573e-003	3.588e-002	5.931e-009
148	1.447e-009	9.655e-005	8.458e-011	2.158e-003	6.757e-003	3.949e-008
149	1.006e-009	-1.830e-005	-2.073e-010	7.702e-004	-6.729e-003	4.388e-008
150	-7.067e-006	-2.616e-005	-7.882e-005	-7.910e-004	7.326e-003	-7.847e-008
151	4.674e-010	-1.128e-004	-4.839e-011	-9.808e-004	-7.641e-003	1.301e-008

Vettori modali 9 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.302e-003	-1.754e-004	1.325e-001	2.848e-002	-4.313e-001	4.275e-008
2	7.663e-004	-2.892e-004	-1.262e-001	-1.560e-002	-2.251e-001	-1.572e-006
3	4.115e-004	-7.861e-004	3.641e-002	-2.735e-001	-1.577e-001	-1.591e-006
4	9.303e-004	1.663e-004	-7.095e-002	1.649e-001	-3.516e-001	-1.109e-006
5	-5.611e-004	-3.445e-006	-4.013e-003	-4.990e-002	8.132e-003	6.856e-003
6	-1.913e-004	-7.594e-006	2.206e-003	2.743e-002	3.674e-003	2.373e-003
7	9.245e-004	-2.627e-004	-6.927e-002	-1.617e-001	-3.429e-001	9.954e-007
8	4.091e-004	5.911e-004	3.532e-002	2.690e-001	-1.543e-001	1.206e-006
9	7.757e-004	2.074e-004	-1.236e-001	1.424e-002	-2.209e-001	1.202e-006
10	1.287e-003	2.932e-006	1.296e-001	-2.875e-002	-4.221e-001	-3.468e-008
11	2.550e-004	-7.121e-005	2.332e-003	2.002e-005	-5.484e-002	-3.545e-005
12	2.822e-004	-1.942e-005	-4.945e-002	-1.426e-005	-5.266e-002	-7.389e-006
13	1.755e-004	-9.371e-005	2.696e-002	1.536e-005	-5.055e-002	3.290e-005
14	-5.885e-004	4.092e-005	-4.017e-003	4.995e-002	8.420e-003	-7.157e-003
15	-1.993e-004	-2.082e-004	2.209e-003	-2.748e-002	3.913e-003	-2.466e-003
16	0.000e+000	0.000e+000	0.000e+000	-5.028e-002	2.180e-004	6.451e-003

Vettori modali 9 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
17	0.000e+000	0.000e+000	0.000e+000	-1.099e-002	-3.390e-004	-1.673e-003
18	-2.628e-005	-1.509e-004	5.340e-005	1.889e-003	-9.775e-005	-2.842e-004
19	0.000e+000	0.000e+000	0.000e+000	2.764e-002	2.346e-004	2.141e-003
20	-1.845e-003	-1.839e-005	-2.429e-002	-4.483e-002	-9.848e-003	-3.146e-004
21	1.109e-003	1.541e-005	-5.245e-003	-9.501e-003	-3.710e-001	-1.899e-003
22	-1.109e-003	-8.377e-006	1.335e-002	2.456e-002	-1.236e-002	3.131e-003
23	-6.374e-004	-2.448e-005	-4.260e-002	-2.653e-002	-3.125e-002	-3.111e-003
24	1.261e-003	3.017e-005	-9.105e-003	-5.782e-003	-4.063e-001	1.704e-003
25	-2.112e-003	-2.047e-006	2.331e-002	1.428e-002	-3.146e-002	-2.718e-003
26	2.924e-004	-6.822e-005	-1.066e-002	2.235e-005	-5.646e-002	-2.088e-005
27	-6.708e-004	-5.464e-006	-4.262e-002	2.651e-002	-3.115e-002	3.215e-003
28	1.271e-003	-1.725e-004	-9.087e-003	5.800e-003	-4.152e-001	-1.715e-003
29	-2.175e-003	-1.902e-004	2.333e-002	-1.426e-002	-3.137e-002	2.774e-003
30	-1.916e-003	1.590e-005	-2.431e-002	4.484e-002	-9.645e-003	3.396e-004
31	1.116e-003	-1.710e-004	-5.228e-003	9.479e-003	-3.794e-001	1.938e-003
32	-1.144e-003	-1.942e-004	1.336e-002	-2.457e-002	-1.220e-002	-3.209e-003
33	0.000e+000	4.790e-005	0.000e+000	5.034e-002	2.242e-004	-6.823e-003
34	0.000e+000	-1.844e-004	0.000e+000	1.095e-002	-3.478e-004	1.590e-003
35	-2.606e-005	-4.256e-005	5.488e-005	-1.930e-003	-1.007e-004	2.620e-004
36	0.000e+000	-2.190e-004	0.000e+000	-2.768e-002	2.418e-004	-2.239e-003
37	3.581e-003	1.091e-002	-4.328e-003	4.023e-004	7.800e-003	1.964e-004
38	1.735e-003	-6.035e-003	2.373e-003	-1.359e-004	3.713e-003	-8.565e-004
39	-9.743e-003	-3.784e-005	-4.952e-002	7.249e-005	6.668e-003	-3.222e-005
40	-1.160e-002	-6.998e-005	2.694e-002	-9.956e-005	-9.254e-004	-2.156e-006
41	3.698e-003	-1.094e-002	-4.332e-003	-1.986e-004	8.071e-003	-4.380e-004
42	1.846e-003	5.885e-003	2.377e-003	-7.337e-005	3.934e-003	7.674e-004
43	6.356e-003	5.064e-003	-4.639e-003	1.739e-002	2.844e-003	-6.463e-003
44	3.091e-003	-2.850e-003	2.539e-003	-9.557e-003	1.489e-003	-4.086e-003
45	1.329e-003	-7.575e-005	-4.955e-002	6.782e-005	3.237e-002	-5.704e-005
46	-4.703e-003	-1.042e-005	2.691e-002	-1.250e-004	2.450e-002	-3.721e-005
47	6.573e-003	-5.198e-003	-4.644e-003	-1.721e-002	2.963e-003	6.281e-003
48	3.282e-003	2.820e-003	2.543e-003	9.307e-003	1.578e-003	4.001e-003
49	5.886e-003	-5.669e-005	-4.961e-003	-4.536e-003	-4.823e-003	-1.345e-002
50	2.964e-003	1.881e-005	2.710e-003	2.259e-003	-2.060e-003	-7.473e-003
51	1.197e-002	-6.911e-005	-1.833e-002	-4.388e-002	3.836e-003	-1.117e-002
52	6.170e-003	2.465e-005	9.910e-003	2.376e-002	5.674e-003	-5.607e-003
53	1.582e-002	-8.147e-005	-3.944e-002	-3.847e-002	1.249e-002	-4.846e-003
54	8.027e-003	3.047e-005	2.136e-002	2.089e-002	1.341e-002	-2.184e-003
55	1.680e-002	-9.377e-005	-4.953e-002	-6.699e-006	2.115e-002	-8.308e-005
56	8.445e-003	3.627e-005	2.684e-002	-3.578e-005	2.114e-002	-7.398e-005
57	1.591e-002	-1.061e-004	-3.944e-002	3.847e-002	1.246e-002	4.669e-003
58	8.102e-003	4.208e-005	2.136e-002	-2.085e-002	1.338e-002	2.026e-003
59	1.213e-002	-1.184e-004	-1.834e-002	4.387e-002	3.767e-003	1.103e-002
60	6.313e-003	4.786e-005	9.930e-003	-2.374e-002	5.610e-003	5.486e-003
61	6.108e-003	-1.306e-004	-4.967e-003	4.543e-003	-4.926e-003	1.333e-002
62	3.153e-003	5.360e-005	2.715e-003	-2.375e-003	-2.156e-003	7.393e-003
63	4.299e-004	8.047e-004	2.811e-003	-2.960e-003	-8.078e-003	-1.130e-002
64	1.536e-002	5.786e-005	2.679e-002	-4.579e-005	6.136e-003	-3.922e-005
65	5.414e-004	-6.840e-004	2.816e-003	2.879e-003	-8.291e-003	1.127e-002
66	1.393e-003	-1.326e-003	-5.153e-003	5.242e-003	-1.285e-002	-1.822e-002
67	2.196e-002	-7.402e-005	-4.954e-002	-6.647e-005	-6.101e-004	-4.079e-005
68	1.527e-003	1.173e-003	-5.160e-003	-5.373e-003	-1.310e-002	1.817e-002
69	9.693e-003	5.060e-005	2.201e-002	-1.840e-002	-1.730e-002	9.691e-003
70	3.463e-003	3.018e-005	1.139e-002	-2.351e-002	-1.365e-002	1.569e-002
71	-4.172e-003	1.324e-004	2.915e-003	8.570e-003	-9.831e-003	-1.532e-002

Vettori modali 9 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
72	3.448e-003	1.120e-004	1.139e-002	2.351e-002	-1.354e-002	-1.570e-002
73	9.686e-003	9.152e-005	2.201e-002	1.840e-002	-1.725e-002	-9.710e-003
74	1.205e-002	7.097e-005	2.671e-002	1.181e-008	-2.096e-002	-2.684e-006
75	-4.161e-003	9.745e-006	2.920e-003	-8.575e-003	-9.992e-003	1.534e-002
76	-4.949e-003	-2.551e-004	-5.350e-003	-1.471e-002	-1.114e-002	-2.324e-002
77	5.339e-003	-1.847e-004	-2.081e-002	-4.359e-002	-1.686e-002	-1.923e-002
78	1.247e-002	-1.141e-004	-4.063e-002	-3.456e-002	-2.257e-002	-1.028e-002
79	1.486e-002	-4.338e-005	-4.950e-002	-4.019e-005	-2.829e-002	3.668e-006
80	1.248e-002	2.707e-005	-4.064e-002	3.458e-002	-2.263e-002	1.025e-002
81	5.356e-003	9.751e-005	-2.080e-002	4.361e-002	-1.698e-002	1.921e-002
82	-4.932e-003	1.679e-004	-5.358e-003	1.461e-002	-1.133e-002	2.326e-002
83	-5.802e-003	-1.774e-004	2.267e-003	7.432e-003	-8.756e-003	-1.296e-002
84	-6.584e-003	-3.698e-004	-4.710e-003	1.265e-002	-7.594e-003	2.234e-002
85	-6.575e-003	3.041e-004	-4.713e-003	-1.275e-002	-7.472e-003	-2.227e-002
86	8.774e-003	-3.309e-005	-4.693e-002	-5.351e-005	-4.082e-002	3.550e-005
87	-5.814e-003	3.156e-004	2.262e-003	-7.419e-003	-8.861e-003	1.302e-002
88	7.196e-003	6.893e-005	2.468e-002	1.356e-005	-3.441e-002	1.968e-005
89	-7.097e-003	-1.689e-004	1.302e-003	1.005e-002	-8.585e-003	-8.820e-003
90	-3.146e-003	-9.143e-005	8.659e-003	1.849e-002	-2.069e-002	-7.712e-003
91	-5.353e-005	-1.385e-005	1.668e-002	1.344e-002	-3.280e-002	-4.977e-003
92	1.207e-003	6.373e-005	2.006e-002	1.288e-005	-4.490e-002	3.131e-005
93	-6.433e-005	1.414e-004	1.668e-002	-1.346e-002	-3.281e-002	4.972e-003
94	-3.153e-003	2.189e-004	8.648e-003	-1.851e-002	-2.072e-002	7.712e-003
95	-7.121e-003	2.963e-004	1.289e-003	-1.004e-002	-8.627e-003	8.904e-003
96	-7.581e-003	3.820e-004	-3.991e-003	-2.021e-002	-6.203e-003	-1.650e-002
97	-1.653e-003	2.476e-004	-1.882e-002	-3.726e-002	-2.065e-002	-8.949e-003
98	1.217e-003	1.130e-004	-3.494e-002	-2.691e-002	-3.509e-002	-3.464e-003
99	1.938e-003	-2.162e-005	-4.169e-002	-2.912e-005	-4.954e-002	4.443e-005
100	1.202e-003	-1.562e-004	-3.494e-002	2.694e-002	-3.511e-002	3.454e-003
101	-1.659e-003	-2.906e-004	-1.881e-002	3.729e-002	-2.068e-002	8.940e-003
102	-7.604e-003	-4.249e-004	-3.979e-003	2.014e-002	-6.254e-003	1.660e-002
103	-7.991e-003	2.856e-004	1.728e-004	-5.410e-003	-6.457e-003	3.559e-003
104	-8.181e-003	-5.223e-004	-3.251e-003	1.589e-002	-3.845e-003	9.928e-003
105	-4.454e-003	-7.581e-006	-3.337e-002	-3.556e-005	-6.042e-002	8.501e-005
106	-4.697e-003	5.376e-005	1.234e-002	2.013e-005	-5.702e-002	7.006e-005
107	-8.155e-003	5.075e-004	-3.266e-003	-1.596e-002	-3.852e-003	-9.769e-003
108	-7.966e-003	-1.778e-004	1.878e-004	5.430e-003	-6.468e-003	-3.418e-003
109	-8.417e-003	1.294e-004	-8.331e-004	4.750e-004	-5.309e-003	6.597e-004
110	-9.041e-003	1.051e-005	-2.232e-002	-2.466e-005	-6.499e-002	9.019e-005
111	-9.081e-003	3.893e-005	1.721e-003	1.428e-005	-6.336e-002	7.972e-005
112	-8.441e-003	-2.548e-004	-2.650e-003	1.139e-002	-3.471e-003	4.556e-003
113	-8.417e-003	2.743e-004	-2.661e-003	-1.144e-002	-3.516e-003	-4.382e-003
114	-8.393e-003	-4.970e-005	-8.235e-004	-4.667e-004	-5.356e-003	-4.981e-004
115	-8.531e-003	7.944e-005	-1.837e-003	-7.093e-003	-5.742e-003	-2.468e-004
116	-9.332e-003	6.145e-005	-5.730e-003	-8.388e-003	-2.477e-002	2.633e-003
117	-1.038e-002	4.341e-005	-9.043e-003	-5.029e-003	-4.381e-002	1.407e-003
118	-1.064e-002	2.533e-005	-1.023e-002	-1.127e-006	-6.284e-002	5.809e-005
119	-1.039e-002	7.292e-006	-9.042e-003	5.034e-003	-4.379e-002	-1.433e-003
120	-9.331e-003	-1.075e-005	-5.726e-003	8.389e-003	-2.474e-002	-2.651e-003
121	-8.554e-003	-2.879e-005	-1.836e-003	7.078e-003	-5.684e-003	3.886e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-5.612e-004	-3.442e-006	-4.013e-003	-5.249e-002	5.806e-001	2.892e-006
124	-1.913e-004	-7.604e-006	2.206e-003	2.311e-002	1.847e-001	1.521e-006
125	2.550e-004	-7.128e-005	2.332e-003	-3.213e-001	-5.070e-002	-1.278e-006
126	2.822e-004	-1.941e-005	-4.945e-002	1.590e-003	-4.992e-002	-1.663e-008

Vettori modali 9 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
127	1.755e-004	-9.370e-005	2.696e-002	4.746e-003	-5.470e-002	3.565e-007
128	4.801e-008	-1.773e-009	6.097e-010	-4.794e-002	7.332e-002	-1.268e-006
129	5.219e-008	-1.021e-008	-2.320e-009	-1.157e-002	-7.280e-002	1.367e-007
130	-2.629e-005	-1.509e-004	5.340e-005	-1.162e-002	7.153e-002	6.155e-007
131	2.447e-008	6.887e-009	-4.836e-010	3.201e-002	-7.082e-002	-4.991e-007
132	-1.845e-003	-1.839e-005	-2.429e-002	-4.422e-002	8.000e-001	4.349e-008
133	-1.109e-003	-8.378e-006	1.335e-002	3.015e-002	4.236e-001	5.360e-009
134	-6.374e-004	-2.448e-005	-4.260e-002	-2.895e-002	3.106e-001	1.231e-006
135	-2.112e-003	-2.031e-006	2.331e-002	9.677e-003	9.920e-001	1.002e-006
136	2.924e-004	-6.819e-005	-1.066e-002	-5.518e-004	-6.091e-002	1.033e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.550e-004	-7.114e-005	2.332e-003	3.301e-001	-5.053e-002	1.455e-006
139	2.822e-004	-1.942e-005	-4.945e-002	-1.090e-003	-4.975e-002	-7.833e-009
140	1.755e-004	-9.372e-005	2.696e-002	-4.727e-003	-5.487e-002	-5.274e-007
141	-5.885e-004	4.091e-005	-4.017e-003	5.202e-002	5.961e-001	-3.313e-006
142	-1.993e-004	-2.082e-004	2.209e-003	-2.315e-002	1.912e-001	-1.708e-006
143	2.924e-004	-6.825e-005	-1.066e-002	6.042e-004	-6.109e-002	-1.216e-006
144	-6.708e-004	-5.465e-006	-4.262e-002	2.840e-002	3.193e-001	-1.501e-006
145	-2.175e-003	-1.902e-004	2.333e-002	-9.637e-003	1.017e+000	-1.216e-006
146	-1.916e-003	1.590e-005	-2.431e-002	4.476e-002	8.197e-001	-2.433e-007
147	-1.144e-003	-1.942e-004	1.336e-002	-3.019e-002	4.346e-001	-1.716e-008
148	5.207e-008	4.790e-005	7.512e-010	4.856e-002	7.550e-002	8.510e-007
149	5.620e-008	-1.844e-004	-2.433e-009	1.151e-002	-7.496e-002	-3.234e-008
150	-2.608e-005	-4.257e-005	5.488e-005	8.070e-003	7.365e-002	-8.180e-007
151	2.569e-008	-2.190e-004	-5.347e-010	-3.208e-002	-7.291e-002	4.012e-007

Vettori modali 10 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.821e-003	1.234e-004	-2.074e-001	1.609e-002	6.843e-001	-8.259e-007
2	-6.277e-004	1.851e-004	1.427e-001	3.005e-002	1.989e-001	1.248e-006
3	-4.601e-004	9.077e-004	-5.012e-002	3.922e-001	2.009e-001	1.729e-006
4	-1.018e-003	-4.162e-004	8.193e-002	-2.053e-001	4.000e-001	1.479e-006
5	-7.197e-004	1.170e-006	-1.310e-004	-1.611e-003	-1.110e-003	8.864e-003
6	-2.938e-004	-1.787e-005	1.830e-004	2.265e-003	-1.139e-003	3.679e-003
7	1.055e-003	-4.193e-004	-8.272e-002	-2.080e-001	-4.038e-001	1.335e-006
8	4.851e-004	8.837e-004	5.049e-002	3.976e-001	-2.037e-001	1.393e-006
9	6.901e-004	2.047e-004	-1.444e-001	2.971e-002	-2.019e-001	9.787e-007
10	1.902e-003	1.061e-004	2.095e-001	1.490e-002	-6.910e-001	-7.798e-007
11	4.037e-005	-9.938e-004	3.814e-005	-2.762e-003	-5.055e-004	-1.595e-003
12	4.162e-005	-1.505e-005	-4.364e-004	9.899e-004	-4.915e-004	-1.797e-003
13	3.824e-005	-7.077e-005	2.686e-004	-2.058e-003	-4.817e-004	-5.804e-003
14	7.265e-004	-9.729e-005	6.124e-005	-7.437e-004	6.967e-004	8.931e-003
15	2.941e-004	1.446e-005	-1.397e-004	1.725e-003	6.854e-004	3.691e-003
16	0.000e+000	0.000e+000	0.000e+000	-1.649e-003	2.033e-004	8.245e-003
17	0.000e+000	0.000e+000	0.000e+000	2.484e-003	-4.227e-004	-2.190e-003
18	-3.052e-005	-2.239e-004	6.525e-005	2.422e-003	-1.122e-004	-5.358e-004
19	0.000e+000	0.000e+000	0.000e+000	2.299e-003	2.601e-004	3.277e-003
20	-2.521e-003	-1.211e-005	-6.888e-004	-8.860e-004	-9.273e-004	3.164e-004
21	1.420e-003	4.620e-006	1.081e-003	1.513e-003	-5.089e-001	-2.535e-003
22	-1.858e-003	-2.512e-005	9.871e-004	1.298e-003	-9.443e-004	5.756e-003
23	-1.379e-003	-1.660e-005	-8.061e-004	3.526e-004	-7.094e-004	-3.474e-003
24	1.572e-003	2.354e-006	1.177e-003	-1.293e-003	-5.721e-001	2.896e-003
25	-4.102e-003	-1.823e-005	1.097e-003	-8.879e-004	-7.130e-004	-2.832e-003
26	4.142e-005	-1.047e-004	-8.097e-005	-3.113e-003	-5.149e-004	-7.766e-004
27	1.441e-003	-4.730e-005	5.637e-005	8.266e-004	-7.314e-005	-3.404e-003
28	-1.482e-003	1.254e-005	-1.316e-003	-1.208e-003	5.661e-001	2.906e-003

Vettori modali 10 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
29	4.130e-003	-3.152e-006	-6.338e-004	-1.176e-003	-7.073e-005	-2.740e-003
30	2.549e-003	-7.619e-005	2.637e-004	-9.559e-005	3.452e-004	3.700e-004
31	-1.363e-003	3.138e-005	-1.162e-003	1.658e-003	5.037e-001	-2.423e-003
32	1.870e-003	1.686e-006	-7.233e-004	8.098e-004	3.402e-004	5.776e-003
33	0.000e+000	-1.060e-004	0.000e+000	-7.761e-004	-2.047e-004	8.361e-003
34	0.000e+000	5.677e-005	0.000e+000	2.656e-003	4.204e-004	-2.106e-003
35	3.231e-005	-1.726e-004	-6.502e-005	2.356e-003	1.124e-004	-6.070e-004
36	0.000e+000	3.233e-005	0.000e+000	1.756e-003	-2.613e-004	3.273e-003
37	-1.254e-003	3.231e-004	-1.314e-004	1.371e-004	-8.955e-004	6.196e-003
38	-8.572e-004	-5.634e-004	1.834e-004	1.176e-004	-1.007e-003	2.562e-003
39	-1.020e-004	-3.294e-004	-4.369e-004	3.183e-004	-1.076e-004	-1.723e-003
40	-1.213e-004	4.711e-004	2.684e-004	-2.856e-004	-1.691e-004	-4.353e-003
41	1.057e-003	5.276e-005	5.687e-005	6.179e-005	5.200e-004	6.368e-003
42	6.346e-004	-4.180e-004	-1.375e-004	1.418e-004	5.986e-004	2.656e-003
43	-1.485e-003	4.150e-005	-1.317e-004	8.171e-004	2.424e-005	3.527e-003
44	-1.175e-003	-3.177e-004	1.837e-004	-9.074e-004	-2.077e-004	1.446e-003
45	-8.331e-005	-3.706e-004	-4.370e-004	-9.510e-005	1.601e-004	-1.648e-003
46	-1.350e-004	3.667e-004	2.679e-004	5.325e-004	1.014e-004	-2.903e-003
47	1.154e-003	-8.525e-005	5.245e-005	4.231e-004	-1.709e-004	3.805e-003
48	8.091e-004	-2.485e-004	-1.352e-004	-6.895e-004	6.010e-005	1.621e-003
49	-1.196e-003	-2.992e-004	-1.319e-004	2.903e-004	1.041e-003	7.287e-004
50	-1.012e-003	1.253e-004	1.837e-004	-5.517e-004	8.241e-004	2.742e-004
51	-1.229e-003	-3.009e-004	-1.496e-004	-2.794e-004	7.836e-004	-5.678e-004
52	-9.882e-004	1.275e-004	7.703e-005	3.644e-005	6.407e-004	-4.050e-004
53	-7.211e-004	-3.023e-004	-3.204e-004	-3.673e-004	5.261e-004	-1.469e-003
54	-6.307e-004	1.297e-004	1.598e-004	2.543e-004	4.572e-004	-1.069e-003
55	3.580e-005	-3.035e-004	-4.367e-004	-7.110e-005	2.686e-004	-1.571e-003
56	-3.187e-005	1.318e-004	2.671e-004	1.511e-004	2.738e-004	-1.381e-003
57	7.286e-004	-3.027e-004	-3.706e-004	3.258e-004	-1.142e-004	-1.220e-003
58	5.148e-004	1.298e-004	2.632e-004	-1.686e-004	-2.353e-005	-8.744e-004
59	1.084e-003	-3.016e-004	-1.637e-004	4.979e-004	-4.969e-004	-1.978e-004
60	7.611e-004	1.278e-004	1.152e-004	-4.395e-004	-3.209e-004	-1.472e-004
61	8.694e-004	-3.003e-004	4.776e-005	3.341e-004	-8.796e-004	1.118e-003
62	6.612e-004	1.256e-004	-1.327e-004	-5.829e-004	-6.182e-004	5.357e-004
63	-4.627e-004	3.193e-004	1.828e-004	-2.661e-004	1.371e-003	1.597e-004
64	1.098e-004	2.118e-004	2.665e-004	-3.679e-004	2.814e-004	-6.712e-004
65	2.492e-004	2.994e-004	-1.306e-004	-2.047e-004	-1.028e-003	4.950e-004
66	-5.605e-004	-3.753e-004	-1.309e-004	2.795e-005	1.529e-003	4.070e-004
67	1.610e-004	-3.103e-004	-4.365e-004	5.482e-005	2.236e-004	-7.967e-004
68	3.438e-004	-3.448e-004	4.418e-005	-6.664e-005	-1.244e-003	8.701e-004
69	1.211e-004	3.709e-004	1.522e-004	-3.102e-004	-2.265e-004	2.125e-004
70	-1.218e-005	3.720e-004	-5.138e-006	-3.254e-004	-4.437e-004	3.458e-004
71	1.376e-004	3.732e-004	1.817e-004	3.548e-005	8.670e-004	3.926e-005
72	1.559e-004	3.723e-004	2.352e-004	1.473e-004	5.749e-004	-8.477e-005
73	1.926e-004	3.711e-004	2.881e-004	4.911e-005	2.828e-004	-4.876e-005
74	1.883e-004	3.695e-004	2.657e-004	-1.505e-004	-9.233e-006	7.485e-005
75	-2.020e-004	3.728e-004	-1.282e-004	-1.656e-004	-6.610e-004	4.521e-004
76	1.033e-004	-3.262e-004	-1.298e-004	-2.069e-004	9.641e-004	6.874e-005
77	1.227e-004	-3.249e-004	-2.592e-004	-2.986e-004	6.210e-004	-1.154e-004
78	1.828e-004	-3.234e-004	-3.820e-004	-1.968e-004	2.778e-004	-1.115e-004
79	2.086e-004	-3.217e-004	-4.360e-004	-3.491e-005	-6.543e-005	1.695e-005
80	1.702e-004	-3.225e-004	-3.375e-004	4.022e-004	-2.963e-004	1.627e-004
81	4.412e-005	-3.230e-004	-1.127e-004	4.754e-004	-5.272e-004	3.751e-004
82	-1.884e-004	-3.233e-004	4.037e-005	9.116e-005	-7.580e-004	6.097e-004
83	2.548e-004	3.602e-004	2.291e-004	4.738e-005	4.577e-004	1.377e-004

Vettori modali 10 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
84	-2.916e-004	-2.910e-004	8.229e-005	7.967e-005	-4.105e-004	6.310e-004
85	2.360e-004	-2.835e-004	-1.846e-004	-2.031e-004	5.370e-004	1.414e-004
86	1.812e-004	-2.914e-004	-4.243e-004	-1.510e-004	-2.468e-004	2.649e-004
87	-2.932e-004	3.663e-004	-1.648e-004	-1.522e-004	-3.704e-004	4.823e-004
88	1.701e-004	3.688e-004	2.578e-004	-1.867e-005	-1.995e-004	2.775e-004
89	2.903e-004	3.289e-004	2.550e-004	8.717e-005	3.686e-006	2.390e-004
90	2.442e-004	3.307e-004	2.790e-004	4.954e-006	-1.213e-004	1.420e-005
91	2.294e-004	3.322e-004	2.598e-004	-7.651e-005	-2.463e-004	9.002e-005
92	1.271e-004	3.335e-004	2.244e-004	-4.525e-005	-3.713e-004	3.681e-004
93	-1.861e-005	3.339e-004	1.276e-004	-3.288e-004	-2.696e-004	2.683e-004
94	-1.473e-004	3.341e-004	-4.962e-005	-3.763e-004	-1.679e-004	2.978e-004
95	-3.264e-004	3.340e-004	-1.889e-004	-1.718e-004	-6.622e-005	4.911e-004
96	2.818e-004	-2.292e-004	-2.184e-004	-2.451e-004	6.224e-005	2.303e-004
97	2.418e-004	-2.314e-004	-3.185e-004	-1.621e-004	-9.302e-005	-6.352e-007
98	2.332e-004	-2.333e-004	-3.677e-004	-5.243e-005	-2.483e-004	8.033e-005
99	1.321e-004	-2.351e-004	-3.864e-004	-5.863e-005	-4.035e-004	3.745e-004
100	-4.617e-006	-2.359e-004	-2.946e-004	3.974e-004	-2.928e-004	2.370e-004
101	-1.244e-004	-2.365e-004	-6.633e-005	4.977e-004	-1.821e-004	3.031e-004
102	-3.279e-004	-2.370e-004	1.086e-004	1.672e-004	-7.139e-005	5.997e-004
103	-3.176e-004	2.680e-004	-1.764e-004	-8.333e-005	2.135e-004	5.704e-004
104	-3.187e-004	-1.555e-004	9.541e-005	8.285e-005	2.247e-004	6.592e-004
105	7.519e-005	-1.509e-004	-3.121e-004	-1.224e-004	-5.738e-004	5.706e-004
106	7.353e-005	2.641e-004	1.542e-004	1.968e-005	-5.507e-004	5.435e-004
107	2.660e-004	-1.463e-004	-1.966e-004	-2.465e-004	-3.302e-004	4.667e-004
108	2.686e-004	2.631e-004	2.256e-004	8.775e-005	-3.719e-004	4.738e-004
109	-2.955e-004	1.697e-004	-1.217e-004	-1.938e-005	3.903e-004	5.833e-004
110	2.989e-005	-3.767e-005	-2.027e-004	-1.068e-004	-6.632e-004	5.975e-004
111	2.961e-005	1.627e-004	4.771e-005	1.842e-005	-6.526e-004	5.729e-004
112	-2.957e-004	-4.515e-005	3.834e-005	3.766e-005	4.031e-004	6.362e-004
113	2.321e-004	-3.892e-005	-1.133e-004	-1.847e-004	-5.954e-004	5.568e-004
114	2.324e-004	1.661e-004	1.367e-004	2.512e-005	-6.177e-004	5.620e-004
115	2.161e-004	6.527e-005	1.062e-005	-8.077e-005	-6.958e-004	4.940e-004
116	1.101e-004	6.516e-005	-2.697e-005	-7.453e-005	-6.843e-004	3.429e-005
117	1.112e-004	6.500e-005	-5.746e-005	-5.260e-005	-6.728e-004	3.344e-005
118	1.328e-005	6.478e-005	-7.706e-005	-3.251e-005	-6.614e-004	4.454e-004
119	-1.067e-004	6.474e-005	-7.988e-005	1.950e-005	-2.977e-004	1.145e-004
120	-1.487e-004	6.464e-005	-6.224e-005	4.841e-005	6.596e-005	1.232e-004
121	-2.854e-004	6.449e-005	-4.236e-005	2.466e-005	4.296e-004	5.247e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-7.198e-004	1.174e-006	-1.310e-004	-3.771e-003	7.197e-001	3.666e-006
124	-2.939e-004	-1.788e-005	1.830e-004	-9.063e-003	2.734e-001	2.150e-006
125	4.037e-005	-9.938e-004	3.814e-005	-6.089e-001	2.078e-002	-1.814e-006
126	4.162e-005	-1.505e-005	-4.364e-004	2.778e-003	2.110e-002	2.235e-007
127	3.825e-005	-7.076e-005	2.686e-004	9.404e-003	-2.154e-002	7.529e-007
128	5.782e-008	-1.347e-009	1.065e-009	1.983e-004	9.433e-002	-1.512e-006
129	6.419e-008	-1.208e-008	-3.047e-009	2.663e-003	-9.369e-002	1.169e-007
130	-3.053e-005	-2.239e-004	6.525e-005	-2.859e-002	9.208e-002	8.591e-007
131	3.432e-008	1.165e-008	-5.932e-010	1.352e-002	-9.110e-002	-7.238e-007
132	-2.521e-003	-1.211e-005	-6.888e-004	9.293e-004	1.045e+000	1.968e-007
133	-1.858e-003	-2.512e-005	9.871e-004	1.324e-002	6.639e-001	1.057e-007
134	-1.379e-003	-1.660e-005	-8.061e-004	-1.273e-003	5.664e-001	1.673e-006
135	-4.102e-003	-1.822e-005	1.097e-003	-1.290e-002	1.819e+000	1.687e-006
136	4.144e-005	-1.047e-004	-8.097e-005	-3.836e-003	-2.214e-002	9.667e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	4.038e-005	-9.938e-004	3.814e-005	-6.048e-001	-2.166e-002	-1.937e-006

Vettori modali 10 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
139	4.162e-005	-1.505e-005	-4.364e-004	2.771e-003	-2.197e-002	2.446e-007
140	3.823e-005	-7.076e-005	2.686e-004	9.047e-003	2.045e-002	1.092e-006
141	7.266e-004	-9.729e-005	6.124e-005	-2.864e-003	-7.135e-001	3.969e-006
142	2.942e-004	1.444e-005	-1.397e-004	-9.262e-003	-2.715e-001	2.245e-006
143	4.141e-005	-1.047e-004	-8.097e-005	-3.829e-003	2.097e-002	9.320e-007
144	1.441e-003	-4.730e-005	5.637e-005	-7.707e-004	-5.622e-001	2.055e-006
145	4.130e-003	-3.143e-006	-6.339e-004	-1.284e-002	-1.804e+000	2.062e-006
146	2.549e-003	-7.619e-005	2.637e-004	1.719e-003	-1.035e+000	5.315e-007
147	1.870e-003	1.685e-006	-7.233e-004	1.238e-002	-6.571e-001	1.196e-007
148	-5.831e-008	-1.060e-004	-1.157e-009	9.931e-004	-9.405e-002	-9.632e-007
149	-6.392e-008	5.676e-005	3.070e-009	2.853e-003	9.341e-002	-5.892e-008
150	3.233e-005	-1.726e-004	-6.502e-005	-2.566e-002	-9.182e-002	1.109e-006
151	-3.355e-008	3.234e-005	5.935e-010	1.264e-002	9.084e-002	-5.524e-007

Vettori modali 11 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	7.899e-004	-1.571e-004	1.142e-001	5.891e-002	-3.478e-001	3.094e-007
2	5.252e-004	-4.098e-004	-1.207e-001	-7.190e-002	-1.926e-001	-1.558e-006
3	2.416e-004	-8.186e-004	3.359e-002	-2.658e-001	-1.298e-001	-1.523e-006
4	9.816e-004	1.316e-004	-7.731e-002	1.449e-001	-3.991e-001	-1.422e-006
5	-7.319e-004	-1.577e-006	2.749e-003	3.422e-002	8.962e-003	9.065e-003
6	-2.607e-004	-1.241e-005	-3.804e-003	-4.732e-002	6.766e-003	3.363e-003
7	9.905e-004	-2.839e-004	-7.703e-002	-1.455e-001	-3.971e-001	1.277e-006
8	2.428e-004	6.253e-004	3.346e-002	2.684e-001	-1.306e-001	1.202e-006
9	5.408e-004	2.816e-004	-1.205e-001	7.087e-002	-1.915e-001	1.213e-006
10	8.039e-004	-2.654e-005	1.150e-001	-5.888e-002	-3.514e-001	-2.651e-007
11	-4.556e-004	-9.023e-005	-2.064e-002	-7.715e-006	6.001e-002	-1.916e-005
12	-4.328e-004	-4.679e-005	3.475e-002	-5.281e-006	5.639e-002	-1.983e-005
13	-5.439e-004	-9.356e-005	-4.788e-002	-5.816e-006	5.595e-002	-1.672e-005
14	-7.460e-004	-3.047e-005	2.748e-003	-3.420e-002	9.166e-003	-9.206e-003
15	-2.596e-004	-1.773e-004	-3.805e-003	4.733e-002	6.902e-003	-3.353e-003
16	0.000e+000	0.000e+000	0.000e+000	3.444e-002	2.375e-004	8.340e-003
17	0.000e+000	0.000e+000	0.000e+000	-6.909e-003	-3.679e-004	-1.819e-003
18	-4.017e-005	-1.684e-004	6.066e-005	-2.049e-002	-1.192e-004	-4.095e-004
19	0.000e+000	0.000e+000	0.000e+000	-4.766e-002	2.811e-004	2.846e-003
20	-2.529e-003	-2.211e-005	1.678e-002	3.139e-002	2.299e-002	1.236e-004
21	9.438e-004	1.151e-005	-3.272e-003	-5.816e-003	-3.692e-001	-1.354e-003
22	-1.540e-003	-1.605e-005	-2.314e-002	-4.313e-002	2.131e-002	3.970e-003
23	-1.342e-003	-4.178e-005	2.979e-002	1.912e-002	3.969e-002	-3.171e-003
24	8.084e-004	2.799e-005	-5.619e-003	-3.526e-003	-3.600e-001	2.385e-003
25	-2.879e-003	5.894e-007	-4.100e-002	-2.632e-002	3.863e-002	-2.482e-003
26	-4.176e-004	-8.461e-005	-6.597e-003	-8.664e-006	6.010e-002	-1.708e-005
27	-1.348e-003	-4.496e-005	2.978e-002	-1.912e-002	3.976e-002	3.210e-003
28	7.955e-004	-2.019e-004	-5.626e-003	3.519e-003	-3.585e-001	-2.357e-003
29	-2.861e-003	-1.884e-004	-4.101e-002	2.632e-002	3.868e-002	2.474e-003
30	-2.554e-003	-4.279e-005	1.677e-002	-3.138e-002	2.313e-002	-8.921e-005
31	9.324e-004	-2.010e-004	-3.278e-003	5.826e-003	-3.686e-001	1.343e-003
32	-1.533e-003	-1.730e-004	-2.315e-002	4.314e-002	2.141e-002	-3.944e-003
33	0.000e+000	-2.350e-005	0.000e+000	-3.442e-002	2.391e-004	-8.555e-003
34	0.000e+000	-2.226e-004	0.000e+000	6.922e-003	-3.687e-004	1.756e-003
35	-4.101e-005	-4.703e-005	6.085e-005	2.050e-002	-1.198e-004	4.855e-004
36	0.000e+000	-1.892e-004	0.000e+000	4.767e-002	2.826e-004	-2.826e-003
37	3.652e-003	-7.582e-003	2.958e-003	-2.298e-005	8.170e-003	1.431e-002
38	3.038e-003	1.040e-002	-4.106e-003	2.471e-004	6.190e-003	1.186e-002
39	1.155e-002	-5.325e-005	3.484e-002	2.203e-005	-3.172e-003	-3.210e-005
40	9.779e-003	-8.933e-005	-4.806e-002	-1.782e-005	-8.447e-003	-2.544e-005

Vettori modali 11 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
41	3.739e-003	7.517e-003	2.956e-003	1.172e-004	8.356e-003	-1.443e-002
42	3.106e-003	-1.059e-002	-4.107e-003	-2.667e-004	6.311e-003	-1.186e-002
43	6.792e-003	-3.641e-003	3.164e-003	-1.193e-002	4.233e-003	1.956e-002
44	5.520e-003	4.865e-003	-4.404e-003	1.659e-002	3.719e-003	2.035e-002
45	1.381e-003	-6.146e-005	3.490e-002	6.623e-006	-3.264e-002	-4.437e-005
46	-2.969e-003	-7.368e-005	-4.818e-002	-4.417e-005	-3.695e-002	-3.417e-005
47	6.944e-003	3.534e-003	3.161e-003	1.199e-002	4.298e-003	-1.965e-002
48	5.628e-003	-5.028e-003	-4.406e-003	-1.669e-002	3.754e-003	-2.037e-002
49	7.770e-003	-5.738e-005	3.376e-003	2.880e-003	-1.470e-004	2.507e-002
50	6.813e-003	-3.793e-005	-4.712e-003	-4.318e-003	1.655e-003	2.926e-002
51	-3.886e-003	-5.745e-005	1.288e-002	3.132e-002	-9.248e-003	2.279e-002
52	-6.997e-003	-4.195e-005	-1.791e-002	-4.324e-002	-7.681e-003	2.720e-002
53	-1.263e-002	-5.746e-005	2.787e-002	2.709e-002	-1.835e-002	1.309e-002
54	-1.741e-002	-4.593e-005	-3.856e-002	-3.728e-002	-1.702e-002	1.547e-002
55	-1.573e-002	-5.742e-005	3.491e-002	-2.126e-005	-2.745e-002	-5.724e-005
56	-2.105e-002	-4.986e-005	-4.826e-002	-3.886e-005	-2.635e-002	-4.332e-005
57	-1.257e-002	-5.742e-005	2.787e-002	-2.708e-002	-1.838e-002	-1.321e-002
58	-1.737e-002	-5.391e-005	-3.857e-002	3.732e-002	-1.704e-002	-1.556e-002
59	-3.778e-003	-5.738e-005	1.288e-002	-3.131e-002	-9.316e-003	-2.288e-002
60	-6.920e-003	-5.790e-005	-1.789e-002	4.326e-002	-7.734e-003	-2.726e-002
61	7.913e-003	-5.728e-005	3.372e-003	-2.918e-003	-2.484e-004	-2.513e-002
62	6.909e-003	-6.184e-005	-4.714e-003	4.191e-003	1.575e-003	-2.929e-002
63	8.356e-003	-1.553e-003	-4.889e-003	5.589e-003	4.214e-003	3.148e-002
64	-2.848e-002	-7.124e-006	-4.833e-002	-1.190e-004	-3.350e-003	-2.025e-005
65	8.395e-003	1.542e-003	-4.891e-003	-5.810e-003	4.065e-003	-3.148e-002
66	8.157e-003	1.220e-003	3.494e-003	-4.345e-003	1.620e-003	2.699e-002
67	-2.479e-002	-3.150e-005	3.493e-002	-7.532e-005	-8.499e-003	-2.077e-005
68	8.223e-003	-1.287e-003	3.490e-003	4.201e-003	1.418e-003	-2.702e-002
69	-1.814e-002	7.472e-005	-4.017e-002	3.256e-002	1.926e-002	-1.895e-002
70	-5.646e-003	1.102e-004	-2.100e-002	4.319e-002	1.177e-002	-3.213e-002
71	1.049e-002	-6.763e-005	-5.070e-003	-1.724e-002	4.401e-003	3.381e-002
72	-5.627e-003	-3.206e-005	-2.101e-002	-4.317e-002	1.185e-002	3.215e-002
73	-1.813e-002	3.536e-006	-4.016e-002	-3.253e-002	1.929e-002	1.898e-002
74	-2.268e-002	3.913e-005	-4.835e-002	-4.102e-005	2.674e-002	4.007e-006
75	1.046e-002	1.456e-004	-5.072e-003	1.713e-002	4.290e-003	-3.379e-002
76	9.525e-003	9.688e-006	3.615e-003	1.357e-002	4.455e-003	2.901e-002
77	-4.999e-003	6.289e-006	1.538e-002	3.124e-002	1.052e-002	3.007e-002
78	-1.697e-002	2.884e-006	2.912e-002	2.313e-002	1.659e-002	1.864e-002
79	-2.151e-002	-5.242e-007	3.491e-002	-3.216e-005	2.266e-002	1.757e-005
80	-1.699e-002	-4.052e-006	2.912e-002	-2.311e-002	1.655e-002	-1.863e-002
81	-5.018e-003	-7.576e-006	1.539e-002	-3.122e-002	1.043e-002	-3.006e-002
82	9.499e-003	-1.109e-005	3.610e-003	-1.366e-002	4.314e-003	-2.899e-002
83	1.116e-002	5.043e-004	-4.833e-003	-1.687e-002	3.341e-003	2.943e-002
84	1.031e-002	3.871e-004	3.291e-003	-1.383e-002	5.069e-003	-2.375e-002
85	1.036e-002	-3.709e-004	3.288e-003	1.375e-002	5.157e-003	2.379e-002
86	-1.617e-002	7.751e-006	3.264e-002	-3.543e-005	3.810e-002	3.502e-005
87	1.111e-002	-4.114e-004	-4.842e-003	1.679e-002	3.266e-003	-2.940e-002
88	-1.672e-002	4.615e-005	-4.590e-002	-3.898e-005	4.091e-002	4.378e-006
89	1.175e-002	4.774e-004	-4.414e-003	-2.375e-002	4.971e-003	2.184e-002
90	1.526e-003	3.352e-004	-1.976e-002	-3.617e-002	2.051e-002	2.040e-002
91	-6.572e-003	1.925e-004	-3.476e-002	-2.389e-002	3.605e-002	1.272e-002
92	-9.721e-003	4.974e-005	-4.054e-002	-1.825e-005	5.160e-002	1.331e-005
93	-6.590e-003	-9.290e-005	-3.476e-002	2.389e-002	3.605e-002	-1.267e-002
94	1.488e-003	-2.355e-004	-1.976e-002	3.617e-002	2.049e-002	-2.036e-002
95	1.170e-002	-3.778e-004	-4.429e-003	2.370e-002	4.941e-003	-2.181e-002

Vettori modali 11 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
96	1.129e-002	-3.035e-004	2.598e-003	1.764e-002	7.477e-003	1.720e-002
97	2.244e-003	-1.971e-004	1.344e-002	2.494e-002	2.168e-002	1.970e-002
98	-6.012e-003	-9.053e-005	2.366e-002	1.608e-002	3.589e-002	1.368e-002
99	-9.502e-003	1.611e-005	2.752e-002	-1.388e-005	5.009e-002	3.851e-005
100	-6.038e-003	1.229e-004	2.366e-002	-1.605e-002	3.587e-002	-1.364e-002
101	2.207e-003	2.295e-004	1.346e-002	-2.492e-002	2.166e-002	-1.968e-002
102	1.124e-002	3.360e-004	2.608e-003	-1.769e-002	7.445e-003	-1.714e-002
103	1.227e-002	-4.373e-004	-3.704e-003	1.870e-002	4.964e-003	-1.078e-002
104	1.210e-002	3.418e-004	1.500e-003	-1.240e-002	7.416e-003	-6.904e-003
105	-2.880e-003	2.455e-005	1.887e-002	-1.664e-005	6.403e-002	4.773e-005
106	-2.947e-003	4.925e-005	-3.172e-002	-1.479e-005	6.491e-002	1.897e-005
107	1.215e-002	-2.922e-004	1.489e-003	1.234e-002	7.402e-003	6.985e-003
108	1.232e-002	5.364e-004	-3.687e-003	-1.874e-002	4.953e-003	1.083e-002
109	1.267e-002	-3.035e-004	-2.755e-003	1.194e-002	6.165e-003	-4.141e-003
110	2.048e-003	3.392e-005	6.965e-003	-1.276e-005	7.097e-002	4.491e-005
111	2.033e-003	4.632e-005	-1.972e-002	-9.883e-006	7.120e-002	2.478e-005
112	1.265e-002	2.795e-004	1.838e-004	-4.731e-003	7.779e-003	-1.766e-003
113	1.270e-002	-2.117e-004	1.781e-004	4.685e-003	7.736e-003	1.848e-003
114	1.272e-002	3.967e-004	-2.743e-003	-1.198e-002	6.126e-003	4.197e-003
115	1.291e-002	7.414e-005	-1.364e-003	-4.369e-003	8.866e-003	2.031e-003
116	1.045e-002	6.326e-005	-3.754e-003	-5.091e-003	2.921e-002	7.886e-003
117	6.259e-003	5.233e-005	-5.720e-003	-2.876e-003	4.955e-002	8.559e-003
118	3.804e-003	4.134e-005	-6.373e-003	-3.993e-006	6.990e-002	2.996e-005
119	6.238e-003	3.042e-005	-5.719e-003	2.883e-003	4.957e-002	-8.529e-003
120	1.042e-002	1.948e-005	-3.751e-003	5.090e-003	2.924e-002	-7.858e-003
121	1.285e-002	8.516e-006	-1.367e-003	4.339e-003	8.915e-003	-1.968e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-7.320e-004	-1.577e-006	2.749e-003	2.844e-002	7.241e-001	3.663e-006
124	-2.607e-004	-1.242e-005	-3.804e-003	-4.964e-002	2.115e-001	1.883e-006
125	-4.556e-004	-9.030e-005	-2.064e-002	-3.497e-001	6.269e-002	-1.257e-006
126	-4.328e-004	-4.679e-005	3.475e-002	5.953e-003	6.069e-002	7.476e-008
127	-5.439e-004	-9.355e-005	-4.788e-002	1.547e-003	5.423e-002	4.909e-007
128	5.760e-008	1.172e-009	9.543e-010	4.004e-002	9.592e-002	-1.537e-006
129	6.387e-008	-1.228e-008	-2.975e-009	-7.404e-003	-9.528e-002	1.595e-007
130	-4.019e-005	-1.684e-004	6.066e-005	-1.857e-002	9.377e-002	7.375e-007
131	2.859e-008	5.969e-009	-7.046e-010	-4.538e-002	-9.293e-002	-6.009e-007
132	-2.529e-003	-2.211e-005	1.678e-002	3.820e-002	1.003e+000	1.048e-007
133	-1.540e-003	-1.605e-005	-2.314e-002	-4.222e-002	5.211e-001	-6.992e-009
134	-1.342e-003	-4.178e-005	2.979e-002	1.394e-002	4.612e-001	1.258e-006
135	-2.879e-003	6.066e-007	-4.100e-002	-2.926e-002	1.173e+000	9.941e-007
136	-4.176e-004	-8.459e-005	-6.597e-003	-4.973e-004	5.744e-002	1.161e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-4.556e-004	-9.015e-005	-2.064e-002	3.473e-001	6.245e-002	1.345e-006
139	-4.328e-004	-4.679e-005	3.475e-002	-5.590e-003	6.045e-002	-8.834e-008
140	-5.439e-004	-9.358e-005	-4.788e-002	-1.364e-003	5.447e-002	-6.959e-007
141	-7.461e-004	-3.047e-005	2.748e-003	-2.880e-002	7.277e-001	-4.053e-006
142	-2.596e-004	-1.773e-004	-3.805e-003	4.945e-002	2.124e-001	-2.023e-006
143	-4.176e-004	-8.464e-005	-6.597e-003	4.739e-004	5.768e-002	-1.322e-006
144	-1.348e-003	-4.496e-005	2.978e-002	-1.432e-002	4.597e-001	-1.523e-006
145	-2.861e-003	-1.884e-004	-4.101e-002	2.905e-002	1.165e+000	-1.143e-006
146	-2.554e-003	-4.279e-005	1.677e-002	-3.782e-002	1.006e+000	-3.720e-007
147	-1.533e-003	-1.730e-004	-2.315e-002	4.242e-002	5.194e-001	-9.402e-010
148	6.026e-008	-2.351e-005	1.049e-009	-3.962e-002	9.659e-002	1.006e-006
149	6.623e-008	-2.225e-004	-3.045e-009	7.408e-003	-9.593e-002	-2.512e-008
150	-4.103e-005	-4.705e-005	6.086e-005	1.477e-002	9.442e-002	-9.657e-007

Vettori modali 11 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
151	2.859e-008	-1.892e-004	-7.061e-010	4.559e-002	-9.357e-002	4.695e-007

Vettori modali 12 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.613e-006	4.234e-005	-2.475e-003	3.242e-003	1.053e-002	-6.403e-008
2	2.871e-005	-4.659e-005	-5.027e-004	-2.716e-003	-3.945e-003	-3.275e-008
3	9.848e-006	4.562e-005	-5.227e-005	3.315e-003	1.471e-004	1.499e-008
4	2.360e-005	-3.576e-005	-6.994e-004	-1.650e-003	-6.093e-003	-2.963e-009
5	2.475e-005	-5.426e-006	2.019e-004	2.560e-003	1.104e-001	-2.423e-004
6	1.934e-005	5.971e-006	-2.000e-004	-2.537e-003	1.104e-001	-1.821e-004
7	3.383e-006	-8.974e-006	5.344e-004	-2.230e-003	5.105e-003	9.198e-009
8	2.381e-005	2.501e-005	-2.391e-005	5.240e-003	-3.429e-004	1.854e-008
9	2.930e-005	-1.672e-005	1.561e-004	-2.657e-003	3.139e-003	-1.947e-008
10	8.795e-005	2.522e-005	2.865e-003	2.630e-003	-1.179e-002	-5.319e-008
11	5.079e-005	-4.662e-006	-2.231e-005	-1.305e-004	6.523e-005	5.929e-006
12	4.948e-005	-5.918e-005	3.983e-005	1.573e-004	7.996e-005	3.174e-004
13	4.961e-005	6.244e-005	-5.615e-005	-1.947e-004	8.226e-005	2.411e-004
14	-1.773e-005	-8.753e-005	-1.949e-004	2.473e-003	-1.109e-001	-1.549e-004
15	-9.751e-006	9.130e-005	1.903e-004	-2.417e-003	-1.109e-001	-6.708e-005
16	0.000e+000	0.000e+000	0.000e+000	2.506e-003	8.958e-004	-3.086e-004
17	0.000e+000	0.000e+000	0.000e+000	8.905e-005	-4.486e-004	1.641e-005
18	3.579e-006	6.247e-006	9.281e-005	-7.679e-004	-2.980e-004	5.440e-005
19	0.000e+000	0.000e+000	0.000e+000	-2.482e-003	8.950e-004	-2.387e-004
20	3.815e-005	-1.604e-005	6.924e-004	2.265e-005	7.777e-002	6.160e-005
21	4.486e-005	2.001e-006	3.666e-005	4.168e-005	-3.839e-003	-1.197e-004
22	1.698e-005	1.830e-005	-6.843e-004	-1.848e-005	7.777e-002	1.195e-004
23	4.088e-005	-3.522e-005	3.511e-004	-1.024e-003	3.892e-002	-1.117e-004
24	7.365e-005	1.084e-006	3.441e-005	-5.185e-005	-6.051e-003	2.053e-005
25	-7.599e-006	3.764e-005	-3.490e-004	9.955e-004	3.892e-002	-1.391e-004
26	5.082e-005	1.211e-006	-7.534e-006	-9.841e-005	6.186e-005	1.834e-006
27	3.925e-005	-6.503e-005	-2.812e-004	-1.064e-003	-3.898e-002	-4.859e-005
28	2.094e-005	6.035e-007	-4.728e-005	-4.450e-005	5.066e-003	6.160e-005
29	8.595e-005	6.818e-005	2.511e-004	1.053e-003	-3.898e-002	-7.693e-005
30	4.946e-006	-7.429e-005	-6.517e-004	-4.990e-005	-7.804e-002	1.442e-004
31	1.250e-005	4.956e-007	-4.435e-005	5.546e-005	2.865e-003	-1.832e-005
32	2.920e-005	7.841e-005	6.274e-004	8.336e-005	-7.805e-002	1.891e-004
33	0.000e+000	-8.669e-005	0.000e+000	2.417e-003	-8.994e-004	-2.171e-004
34	0.000e+000	-1.064e-006	0.000e+000	1.052e-004	4.503e-004	1.373e-004
35	-3.562e-006	3.288e-005	-9.324e-005	-7.165e-004	2.994e-004	1.802e-004
36	0.000e+000	9.038e-005	0.000e+000	-2.360e-003	-8.990e-004	-1.136e-004
37	5.397e-002	-1.124e-002	1.531e-004	3.585e-002	9.595e-002	6.344e-003
38	5.396e-002	1.122e-002	-1.509e-004	-3.581e-002	9.595e-002	6.388e-003
39	1.453e-004	-1.043e-002	3.917e-005	3.485e-002	2.592e-004	2.018e-002
40	1.449e-004	1.043e-002	-5.563e-005	-3.482e-002	2.559e-004	2.013e-002
41	-5.419e-002	-1.129e-002	-1.449e-004	3.580e-002	-9.637e-002	6.706e-003
42	-5.419e-002	1.127e-002	1.397e-004	-3.576e-002	-9.639e-002	6.770e-003
43	8.449e-002	-2.873e-002	1.042e-004	2.916e-002	2.083e-002	1.293e-002
44	8.448e-002	2.870e-002	-1.015e-004	-2.914e-002	2.084e-002	1.296e-002
45	2.626e-004	-2.787e-002	3.846e-005	2.998e-002	1.825e-004	4.005e-002
46	2.603e-004	2.785e-002	-5.506e-005	-2.994e-002	1.791e-004	4.002e-002
47	-8.487e-002	-2.875e-002	-9.484e-005	2.911e-002	-2.104e-002	1.357e-002
48	-8.487e-002	2.872e-002	8.900e-005	-2.910e-002	-2.105e-002	1.361e-002
49	7.001e-002	-3.533e-002	5.272e-005	-6.847e-003	-7.499e-002	1.984e-002
50	7.001e-002	3.530e-002	-4.963e-005	6.829e-003	-7.498e-002	1.985e-002
51	5.620e-002	-3.538e-002	-9.676e-004	1.369e-003	-5.000e-002	4.122e-002
52	5.619e-002	3.536e-002	9.614e-004	-1.388e-003	-4.999e-002	4.123e-002

Vettori modali 12 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
53	3.092e-002	-3.540e-002	2.006e-004	2.310e-003	-2.502e-002	6.303e-002
54	3.091e-002	3.537e-002	-2.143e-004	-2.322e-003	-2.501e-002	6.303e-002
55	3.037e-004	-3.538e-002	3.766e-005	-4.237e-003	-3.073e-005	6.089e-002
56	3.007e-004	3.535e-002	-5.438e-005	4.236e-003	-2.924e-005	6.087e-002
57	-3.047e-002	-3.540e-002	-1.334e-004	2.274e-003	2.498e-002	6.367e-002
58	-3.047e-002	3.537e-002	1.199e-004	-2.261e-003	2.498e-002	6.367e-002
59	-5.615e-002	-3.538e-002	1.010e-003	1.303e-003	4.999e-002	4.222e-002
60	-5.615e-002	3.535e-002	-1.017e-003	-1.291e-003	4.999e-002	4.223e-002
61	-7.044e-002	-3.533e-002	-4.217e-005	-6.906e-003	7.500e-002	2.076e-002
62	-7.044e-002	3.530e-002	3.566e-005	6.892e-003	7.500e-002	2.078e-002
63	1.889e-002	2.280e-002	1.116e-005	3.990e-002	-1.294e-001	4.506e-003
64	2.456e-004	2.288e-002	-5.364e-005	4.122e-002	-1.832e-004	1.872e-002
65	-1.928e-002	2.278e-002	-2.627e-005	3.990e-002	1.296e-001	5.219e-003
66	1.889e-002	-2.282e-002	-7.687e-006	-3.994e-002	-1.294e-001	4.507e-003
67	2.469e-004	-2.290e-002	3.683e-005	-4.127e-002	-1.877e-004	1.876e-002
68	-1.927e-002	-2.280e-002	1.921e-005	-3.994e-002	1.296e-001	5.221e-003
69	1.540e-002	4.531e-003	2.154e-003	-8.168e-003	2.989e-002	-3.499e-002
70	3.037e-002	4.573e-003	-2.833e-003	-7.572e-003	5.991e-002	-2.590e-002
71	-3.933e-002	4.606e-003	7.506e-005	2.433e-002	-8.979e-002	-1.162e-002
72	-3.041e-002	4.570e-003	2.814e-003	-7.661e-003	-5.990e-002	-2.649e-002
73	-1.519e-002	4.529e-003	-2.228e-003	-8.283e-003	-3.001e-002	-3.540e-002
74	1.586e-004	4.483e-003	-5.281e-005	2.263e-002	-1.196e-004	-2.560e-002
75	3.902e-002	4.611e-003	-9.134e-005	2.422e-002	8.992e-002	-1.114e-002
76	-3.934e-002	-4.600e-003	-7.118e-005	-2.437e-002	-8.979e-002	-1.161e-002
77	-3.041e-002	-4.564e-003	-2.821e-003	7.650e-003	-5.990e-002	-2.652e-002
78	-1.518e-002	-4.523e-003	2.218e-003	8.277e-003	-3.001e-002	-3.542e-002
79	1.581e-004	-4.477e-003	3.592e-005	-2.265e-002	-1.212e-004	-2.554e-002
80	1.539e-002	-4.525e-003	-2.172e-003	8.186e-003	2.989e-002	-3.501e-002
81	3.037e-002	-4.568e-003	2.826e-003	7.591e-003	5.991e-002	-2.593e-002
82	3.903e-002	-4.606e-003	8.371e-005	-2.425e-002	8.992e-002	-1.112e-002
83	-5.229e-002	1.179e-003	-5.201e-003	2.288e-002	-5.713e-002	-1.066e-002
84	5.201e-002	-1.184e-003	-5.296e-003	-2.272e-002	5.716e-002	-1.029e-002
85	-5.230e-002	-1.180e-003	5.301e-003	-2.292e-002	-5.707e-002	-1.062e-002
86	1.424e-004	-1.162e-003	4.215e-005	-3.212e-002	-5.447e-005	-2.272e-002
87	5.200e-002	1.183e-003	5.193e-003	2.269e-002	5.721e-002	-1.034e-002
88	1.429e-004	1.152e-003	-5.892e-005	3.205e-002	-5.521e-005	-2.280e-002
89	-5.819e-002	-4.624e-004	-9.630e-003	1.534e-002	-2.066e-002	-1.251e-002
90	-4.508e-002	-4.626e-004	-6.890e-003	-1.016e-004	-1.377e-002	-4.203e-002
91	-2.120e-002	-4.624e-004	-6.563e-003	4.500e-003	-6.873e-003	-5.381e-002
92	1.400e-004	-4.616e-004	-6.070e-005	2.538e-002	1.947e-005	-2.931e-002
93	2.136e-002	-4.625e-004	6.486e-003	4.657e-003	6.913e-003	-5.337e-002
94	4.499e-002	-4.628e-004	6.886e-003	1.509e-005	1.381e-002	-4.150e-002
95	5.791e-002	-4.627e-004	9.628e-003	1.520e-002	2.070e-002	-1.228e-002
96	-5.819e-002	4.719e-004	9.726e-003	-1.540e-002	-2.064e-002	-1.249e-002
97	-4.508e-002	4.720e-004	6.957e-003	3.090e-005	-1.375e-002	-4.203e-002
98	-2.120e-002	4.716e-004	6.591e-003	-4.593e-003	-6.866e-003	-5.382e-002
99	1.397e-004	4.707e-004	4.376e-005	-2.548e-002	2.133e-005	-2.930e-002
100	2.136e-002	4.716e-004	-6.543e-003	-4.729e-003	6.909e-003	-5.338e-002
101	4.500e-002	4.721e-004	-6.969e-003	-5.553e-005	1.380e-002	-4.151e-002
102	5.791e-002	4.720e-004	-9.728e-003	-1.524e-002	2.068e-002	-1.225e-002
103	5.848e-002	-8.944e-004	1.026e-002	1.302e-002	-1.030e-002	-4.985e-003
104	5.848e-002	9.129e-004	-1.036e-002	-1.306e-002	-1.030e-002	-4.956e-003
105	1.459e-004	8.873e-004	3.527e-005	-2.491e-002	8.686e-005	-7.797e-003
106	1.461e-004	-8.661e-004	-5.252e-005	2.482e-002	8.480e-005	-7.802e-003
107	-5.875e-002	9.109e-004	1.035e-002	-1.322e-002	1.031e-002	-5.015e-003

Vettori modali 12 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
108	-5.875e-002	-8.918e-004	-1.026e-002	1.316e-002	1.031e-002	-5.034e-003
109	5.696e-002	-9.807e-004	6.489e-003	7.636e-003	-3.054e-002	-3.733e-003
110	1.537e-004	1.629e-003	1.610e-005	-1.560e-002	1.268e-004	-3.877e-003
111	1.537e-004	-1.601e-003	-3.369e-005	1.551e-002	1.253e-004	-3.875e-003
112	5.696e-002	1.007e-003	-6.589e-003	-7.679e-003	-3.053e-002	-3.713e-003
113	-5.723e-002	1.011e-003	6.584e-003	-7.787e-003	3.052e-002	-3.717e-003
114	-5.723e-002	-9.847e-004	-6.488e-003	7.723e-003	3.052e-002	-3.730e-003
115	-5.639e-002	1.473e-005	4.794e-005	-3.200e-005	3.662e-002	-9.023e-003
116	-4.325e-002	1.480e-005	3.232e-005	-3.624e-005	2.446e-002	-4.416e-002
117	-1.872e-002	1.486e-005	1.294e-005	-4.489e-005	1.229e-002	-5.310e-002
118	1.568e-004	1.490e-005	-8.879e-006	-4.531e-005	1.330e-004	-1.852e-002
119	1.889e-002	1.482e-005	-2.872e-005	-3.618e-005	-1.212e-002	-5.258e-002
120	4.314e-002	1.472e-005	-4.217e-005	-2.097e-005	-2.438e-002	-4.360e-002
121	5.611e-002	1.460e-005	-5.074e-005	-1.952e-005	-3.663e-002	-8.943e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.475e-005	-5.424e-006	2.019e-004	2.574e-003	-6.506e-003	2.822e-008
124	1.934e-005	5.969e-006	-2.000e-004	-3.089e-003	2.435e-004	3.039e-008
125	5.079e-005	-4.663e-006	-2.231e-005	-1.053e-002	7.645e-004	-7.074e-008
126	4.948e-005	-5.918e-005	3.983e-005	-1.383e-004	7.769e-004	-1.386e-008
127	4.961e-005	6.244e-005	-5.615e-005	6.377e-004	-6.178e-004	-1.348e-008
128	1.549e-009	-1.008e-009	-2.425e-011	2.492e-003	-7.257e-004	-2.466e-008
129	1.965e-009	1.234e-010	1.947e-011	1.041e-004	7.340e-004	2.768e-008
130	3.581e-006	6.247e-006	9.281e-005	-6.396e-003	-1.519e-003	2.918e-009
131	1.075e-009	8.126e-010	1.590e-011	-1.940e-003	1.931e-003	-1.732e-008
132	3.815e-005	-1.604e-005	6.924e-004	-2.496e-004	-2.091e-004	-3.801e-009
133	1.698e-005	1.830e-005	-6.843e-004	7.986e-004	6.795e-003	1.060e-008
134	4.088e-005	-3.522e-005	3.511e-004	-1.112e-003	6.955e-003	2.892e-008
135	-7.600e-006	3.764e-005	-3.490e-004	5.382e-004	3.000e-002	4.487e-008
136	5.082e-005	1.212e-006	-7.534e-006	-1.156e-004	-6.433e-004	2.200e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	5.079e-005	-4.662e-006	-2.231e-005	-9.855e-003	-5.618e-004	-5.689e-008
139	4.948e-005	-5.918e-005	3.983e-005	-6.399e-005	-5.585e-004	1.313e-008
140	4.961e-005	6.244e-005	-5.615e-005	5.103e-005	7.048e-004	2.025e-008
141	-1.773e-005	-8.753e-005	-1.949e-004	2.433e-003	8.153e-003	6.058e-008
142	-9.749e-006	9.130e-005	1.903e-004	-2.396e-003	-8.810e-004	8.084e-008
143	5.082e-005	1.211e-006	-7.534e-006	-1.143e-004	6.952e-004	2.214e-008
144	3.925e-005	-6.503e-005	-2.812e-004	-1.221e-003	-5.733e-003	-1.054e-009
145	8.595e-005	6.818e-005	2.511e-004	1.179e-003	-2.641e-002	3.734e-008
146	4.946e-006	-7.428e-005	-6.517e-004	-2.616e-004	3.288e-003	4.234e-009
147	2.919e-005	7.841e-005	6.274e-004	3.256e-004	-5.354e-003	1.263e-008
148	-1.372e-009	-8.669e-005	-5.592e-011	2.419e-003	5.967e-004	-5.232e-009
149	-1.295e-009	-1.063e-006	-2.259e-011	1.210e-004	-6.020e-004	1.720e-008
150	-3.564e-006	3.287e-005	-9.324e-005	-3.852e-003	1.394e-003	-6.917e-009
151	-1.290e-009	9.038e-005	5.019e-011	-2.350e-003	-1.810e-003	-3.722e-009

Vettori modali 13 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	3.870e-004	1.299e-005	1.257e-002	7.064e-003	-3.713e-002	1.975e-007
2	2.404e-004	-1.090e-004	-1.380e-002	-1.189e-002	-1.811e-002	-1.405e-007
3	1.115e-004	-6.764e-005	2.879e-003	-3.305e-002	-8.192e-003	-1.656e-007
4	1.950e-004	-2.379e-005	-9.436e-003	1.679e-002	-4.900e-002	-2.385e-007
5	-5.035e-005	6.600e-006	9.723e-004	1.207e-002	-5.475e-002	3.795e-004
6	2.043e-005	-7.629e-006	-1.068e-003	-1.326e-002	-5.522e-002	-4.816e-004
7	1.935e-004	-3.518e-005	-9.845e-003	-1.676e-002	-5.174e-002	2.274e-007
8	1.000e-004	8.421e-005	3.207e-003	3.132e-002	-8.783e-003	1.355e-007
9	2.318e-004	4.503e-005	-1.427e-002	1.289e-002	-1.977e-002	9.956e-008

Vettori modali 13 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
10	3.656e-004	6.534e-006	1.202e-002	-7.847e-003	-3.406e-002	-2.511e-007
11	3.354e-004	5.202e-006	-4.350e-003	8.899e-006	1.614e-002	7.168e-005
12	3.569e-004	-4.280e-005	1.178e-002	3.116e-006	2.221e-002	1.409e-005
13	3.441e-004	2.689e-005	-1.297e-002	7.478e-007	2.179e-002	1.846e-005
14	-4.118e-005	-1.363e-004	9.749e-004	-1.210e-002	-5.400e-002	-2.805e-004
15	2.876e-005	1.137e-004	-1.070e-003	1.328e-002	-5.447e-002	5.659e-004
16	0.000e+000	0.000e+000	0.000e+000	1.220e-002	-4.239e-004	6.907e-004
17	0.000e+000	0.000e+000	0.000e+000	-7.652e-004	1.816e-004	-2.662e-004
18	2.776e-006	-1.082e-005	-3.955e-005	-4.976e-003	1.365e-004	7.422e-005
19	0.000e+000	0.000e+000	0.000e+000	-1.340e-002	-4.194e-004	-1.218e-004
20	-1.712e-004	1.564e-005	5.842e-003	1.071e-002	-3.199e-002	-6.979e-005
21	2.749e-004	3.095e-006	-3.573e-004	-6.134e-004	-4.428e-002	-5.470e-004
22	-1.525e-005	-1.738e-005	-6.418e-003	-1.177e-002	-3.244e-002	4.309e-004
23	1.055e-004	-1.183e-006	1.019e-002	6.222e-003	-4.889e-003	-7.783e-004
24	4.028e-004	4.312e-006	-5.953e-004	-3.400e-004	-3.984e-002	3.739e-005
25	-7.524e-005	-2.292e-006	-1.120e-002	-6.886e-003	-5.323e-003	-6.513e-004
26	3.362e-004	-9.164e-006	-6.859e-004	1.297e-005	1.548e-002	3.016e-005
27	1.113e-004	-8.977e-005	1.020e-002	-6.209e-003	-4.625e-003	7.433e-004
28	4.155e-004	-2.370e-005	-5.844e-004	3.535e-004	-4.028e-002	-7.115e-005
29	-7.915e-005	6.270e-005	-1.121e-002	6.875e-003	-5.062e-003	6.290e-004
30	-1.498e-004	-1.230e-004	5.852e-003	-1.071e-002	-3.146e-002	5.330e-005
31	2.887e-004	-2.433e-005	-3.462e-004	6.009e-004	-4.391e-002	5.392e-004
32	-1.317e-006	9.700e-005	-6.425e-003	1.176e-002	-3.192e-002	-4.623e-004
33	0.000e+000	-1.354e-004	0.000e+000	-1.223e-002	-4.188e-004	-5.633e-004
34	0.000e+000	-2.316e-005	0.000e+000	7.381e-004	1.804e-004	4.073e-004
35	-1.335e-007	3.185e-005	-3.934e-005	4.967e-003	1.355e-004	1.457e-004
36	0.000e+000	1.128e-004	0.000e+000	1.342e-002	-4.152e-004	2.462e-004
37	-2.747e-002	-2.262e-003	1.130e-003	-1.250e-003	-5.154e-002	-4.241e-002
38	-2.763e-002	2.516e-003	-1.235e-003	1.278e-003	-5.196e-002	-4.299e-002
39	3.138e-002	3.397e-006	1.157e-002	-1.622e-004	8.810e-002	-5.753e-005
40	3.115e-002	-2.334e-005	-1.278e-002	1.713e-004	8.768e-002	-5.357e-005
41	-2.710e-002	2.241e-003	1.132e-003	8.949e-004	-5.090e-002	4.244e-002
42	-2.726e-002	-2.526e-003	-1.237e-003	-8.981e-004	-5.132e-002	4.301e-002
43	-4.712e-002	-4.540e-004	1.286e-003	-4.258e-003	-2.612e-002	-8.521e-002
44	-4.743e-002	5.579e-004	-1.401e-003	4.694e-003	-2.625e-002	-8.550e-002
45	7.316e-002	8.873e-005	1.136e-002	-1.564e-004	6.934e-002	-1.291e-004
46	7.280e-002	-1.112e-004	-1.258e-002	1.564e-004	6.925e-002	-1.256e-004
47	-4.655e-002	6.185e-004	1.288e-003	3.917e-003	-2.600e-002	8.516e-002
48	-4.686e-002	-7.639e-004	-1.403e-003	-4.340e-003	-2.613e-002	8.545e-002
49	-5.363e-002	-9.244e-006	1.449e-003	4.614e-003	-2.381e-003	-1.301e-001
50	-5.389e-002	-9.650e-006	-1.573e-003	-4.749e-003	-2.096e-003	-1.301e-001
51	1.294e-002	3.868e-005	5.243e-003	9.808e-003	-2.794e-003	-1.403e-001
52	1.266e-002	-5.787e-005	-5.711e-003	-1.091e-002	-2.475e-003	-1.403e-001
53	6.952e-002	8.655e-005	9.449e-003	6.857e-003	-3.206e-003	-8.910e-002
54	6.922e-002	-1.060e-004	-1.044e-002	-7.780e-003	-2.854e-003	-8.910e-002
55	9.135e-002	1.343e-004	1.112e-002	1.605e-008	-3.618e-003	-2.042e-004
56	9.105e-002	-1.540e-004	-1.234e-002	-9.564e-006	-3.232e-003	-2.011e-004
57	6.972e-002	1.822e-004	9.451e-003	-6.849e-003	-3.383e-003	8.867e-002
58	6.942e-002	-2.022e-004	-1.044e-002	7.779e-003	-3.029e-003	8.868e-002
59	1.332e-002	2.300e-004	5.248e-003	-9.807e-003	-3.149e-003	1.401e-001
60	1.303e-002	-2.502e-004	-5.714e-003	1.092e-002	-2.826e-003	1.400e-001
61	-5.316e-002	2.774e-004	1.450e-003	-4.632e-003	-2.914e-003	1.300e-001
62	-5.343e-002	-2.979e-004	-1.574e-003	4.746e-003	-2.623e-003	1.300e-001
63	-5.175e-002	1.962e-003	-1.705e-003	-1.539e-003	1.130e-002	-1.013e-001
64	7.471e-002	-1.095e-004	-1.211e-002	-1.534e-004	-5.881e-002	-5.776e-005

Vettori modali 13 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
65	-5.165e-002	-2.185e-003	-1.706e-003	1.236e-003	1.041e-002	1.012e-001
66	-5.168e-002	-2.001e-003	1.574e-003	1.646e-003	1.087e-002	-1.013e-001
67	7.476e-002	1.014e-004	1.088e-002	1.199e-004	-5.936e-002	-5.794e-005
68	-5.157e-002	2.208e-003	1.576e-003	-1.407e-003	9.974e-003	1.013e-001
69	3.009e-002	2.245e-004	-7.916e-003	1.407e-002	-2.574e-002	6.101e-002
70	-6.649e-003	4.873e-004	-1.428e-003	9.916e-003	-8.418e-003	8.692e-002
71	-4.531e-002	-8.280e-004	-1.841e-003	1.503e-002	9.522e-003	-7.097e-002
72	-6.418e-003	-5.654e-004	-1.451e-003	-9.856e-003	-8.009e-003	-8.672e-002
73	3.020e-002	-3.022e-004	-7.898e-003	-1.400e-002	-2.554e-002	-6.074e-002
74	4.559e-002	-3.862e-005	-1.185e-002	-9.287e-005	-4.307e-002	9.296e-005
75	-4.560e-002	7.496e-004	-1.842e-003	-1.524e-002	8.908e-003	7.104e-002
76	-4.538e-002	8.265e-004	1.705e-003	-1.542e-002	9.420e-003	-7.104e-002
77	-6.495e-003	5.662e-004	9.142e-004	8.745e-003	-8.092e-003	-8.666e-002
78	3.009e-002	3.053e-004	6.867e-003	1.316e-002	-2.560e-002	-6.068e-002
79	4.546e-002	4.398e-005	1.061e-002	8.003e-005	-4.312e-002	9.586e-005
80	2.997e-002	-2.169e-004	6.884e-003	-1.322e-002	-2.581e-002	6.095e-002
81	-6.727e-003	-4.774e-004	8.957e-004	-8.797e-003	-8.503e-003	8.686e-002
82	-4.568e-002	-7.375e-004	1.706e-003	1.559e-002	8.803e-003	7.111e-002
83	-4.388e-002	-6.124e-004	-1.295e-003	2.733e-002	6.531e-003	-4.652e-002
84	-4.434e-002	-5.239e-004	1.185e-003	2.788e-002	6.249e-003	4.680e-002
85	-4.396e-002	5.868e-004	1.147e-003	-2.771e-002	6.638e-003	-4.675e-002
86	3.961e-002	3.130e-005	1.296e-002	1.233e-004	-2.231e-002	7.596e-005
87	-4.427e-002	5.662e-004	-1.333e-003	-2.753e-002	6.140e-003	4.656e-002
88	3.972e-002	-2.305e-005	-1.416e-002	-1.368e-004	-2.258e-002	6.987e-005
89	-4.311e-002	1.704e-005	-7.612e-004	2.192e-002	3.408e-003	-3.429e-002
90	-1.486e-002	7.161e-006	-8.175e-005	-1.411e-002	2.835e-003	-7.673e-002
91	2.093e-002	-2.730e-006	-9.448e-003	-2.054e-002	2.262e-003	-6.469e-002
92	3.806e-002	-1.262e-005	-1.529e-002	-1.067e-004	1.689e-003	9.060e-005
93	2.078e-002	-2.249e-005	-9.498e-003	2.051e-002	2.215e-003	6.510e-002
94	-1.519e-002	-3.234e-005	-1.277e-004	1.412e-002	2.741e-003	7.705e-002
95	-4.354e-002	-4.215e-005	-8.289e-004	-2.206e-002	3.267e-003	3.433e-002
96	-4.316e-002	-1.450e-006	5.903e-004	-2.257e-002	3.649e-003	-3.460e-002
97	-1.484e-002	6.744e-006	-5.408e-004	1.302e-002	3.112e-003	-7.672e-002
98	2.091e-002	1.493e-005	8.373e-003	1.982e-002	2.575e-003	-6.457e-002
99	3.800e-002	2.310e-005	1.404e-002	1.010e-004	2.037e-003	9.569e-005
100	2.075e-002	3.131e-005	8.423e-003	-1.979e-002	2.529e-003	6.498e-002
101	-1.518e-002	3.949e-005	-4.921e-004	-1.303e-002	3.020e-003	7.703e-002
102	-4.358e-002	4.762e-005	6.580e-004	2.269e-002	3.511e-003	3.466e-002
103	-4.328e-002	-3.401e-004	-5.036e-004	-2.229e-002	1.380e-003	7.799e-003
104	-4.329e-002	3.265e-004	2.941e-004	2.293e-002	1.633e-003	8.167e-003
105	3.948e-002	1.694e-005	1.202e-002	1.025e-004	2.334e-002	-3.654e-006
106	3.950e-002	-4.936e-006	-1.332e-002	-1.083e-004	2.301e-002	-9.414e-006
107	-4.287e-002	-2.926e-004	2.227e-004	-2.283e-002	1.557e-003	-8.197e-003
108	-4.285e-002	3.304e-004	-4.316e-004	2.217e-002	1.308e-003	-7.836e-003
109	-4.319e-002	6.015e-004	-3.357e-004	-1.388e-002	8.034e-004	-7.445e-005
110	4.166e-002	7.207e-006	6.623e-003	6.488e-005	3.662e-002	-2.305e-005
111	4.167e-002	6.059e-006	-7.971e-003	-6.909e-005	3.641e-002	-2.707e-005
112	-4.319e-002	-6.071e-004	8.762e-005	1.463e-002	9.756e-004	1.934e-004
113	-4.278e-002	6.271e-004	4.282e-005	-1.456e-002	7.624e-004	-2.420e-004
114	-4.277e-002	-5.949e-004	-2.898e-004	1.380e-002	5.924e-004	2.077e-005
115	-4.273e-002	1.299e-005	-1.322e-004	-4.708e-004	1.414e-003	-1.151e-002
116	-1.828e-002	1.096e-005	-3.966e-004	-5.689e-004	1.403e-002	-8.051e-002
117	2.193e-002	8.923e-006	-6.152e-004	-3.149e-004	2.665e-002	-7.631e-002
118	4.258e-002	6.873e-006	-6.853e-004	-7.434e-007	3.926e-002	4.229e-005
119	2.180e-002	4.838e-006	-6.151e-004	3.163e-004	2.673e-002	7.672e-002

Vettori modali 13 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
120	-1.860e-002	2.797e-006	-3.960e-004	5.688e-004	1.420e-002	8.085e-002
121	-4.314e-002	7.534e-007	-1.328e-004	4.651e-004	1.668e-003	1.151e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-5.037e-005	6.603e-006	9.723e-004	1.223e-002	9.892e-002	7.358e-007
124	2.042e-005	-7.634e-006	-1.068e-003	-1.437e-002	2.151e-002	4.141e-007
125	3.354e-004	5.192e-006	-4.350e-003	-4.423e-002	1.627e-002	-3.302e-007
126	3.569e-004	-4.279e-005	1.178e-002	-1.531e-004	2.047e-002	3.806e-008
127	3.441e-004	2.689e-005	-1.297e-002	1.026e-003	2.067e-002	5.168e-008
128	1.422e-008	1.139e-009	2.200e-010	1.203e-002	1.278e-002	-3.027e-007
129	1.627e-008	-1.380e-009	-4.346e-010	-8.372e-004	-1.265e-002	8.497e-008
130	2.777e-006	-1.082e-005	-3.955e-005	-5.895e-003	1.287e-002	9.463e-008
131	7.402e-009	-3.248e-010	-1.999e-010	-1.228e-002	-1.292e-002	-1.167e-007
132	-1.712e-004	1.565e-005	5.842e-003	1.092e-002	1.393e-001	1.006e-008
133	-1.525e-005	-1.738e-005	-6.418e-003	-1.105e-002	6.505e-002	1.269e-009
134	1.055e-004	-1.179e-006	1.019e-002	6.488e-003	7.066e-002	8.154e-008
135	-7.524e-005	-2.294e-006	-1.120e-002	-8.095e-003	1.556e-001	1.460e-007
136	3.362e-004	-9.160e-006	-6.859e-004	-3.240e-005	1.512e-002	2.460e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	3.354e-004	5.213e-006	-4.350e-003	4.640e-002	1.645e-002	2.955e-007
139	3.569e-004	-4.280e-005	1.178e-002	-2.043e-004	2.064e-002	-2.239e-008
140	3.441e-004	2.689e-005	-1.297e-002	-1.443e-003	2.051e-002	-7.346e-008
141	-4.120e-005	-1.363e-004	9.749e-004	-1.190e-002	9.427e-002	-7.022e-007
142	2.875e-005	1.137e-004	-1.070e-003	1.483e-002	1.885e-002	-3.412e-007
143	3.362e-004	-9.168e-006	-6.859e-004	6.368e-005	1.495e-002	-1.970e-007
144	1.113e-004	-8.977e-005	1.020e-002	-6.108e-003	7.108e-002	-1.839e-007
145	-7.915e-005	6.270e-005	-1.121e-002	8.504e-003	1.618e-001	-2.053e-007
146	-1.499e-004	-1.230e-004	5.852e-003	-1.129e-002	1.349e-001	-3.568e-008
147	-1.317e-006	9.700e-005	-6.425e-003	1.063e-002	6.416e-002	1.126e-009
148	1.236e-008	-1.354e-004	1.380e-010	-1.246e-002	1.229e-002	1.817e-007
149	1.418e-008	-2.315e-005	-4.183e-010	8.043e-004	-1.217e-002	-8.022e-008
150	-1.336e-007	3.185e-005	-3.934e-005	1.012e-002	1.239e-002	-1.236e-007
151	5.895e-009	1.128e-004	-1.127e-010	1.193e-002	-1.246e-002	8.470e-008

Vettori modali 14 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	2.988e-005	1.421e-005	1.327e-003	2.453e-003	-1.422e-002	-1.032e-007
2	-1.357e-005	1.437e-005	1.567e-004	3.546e-003	9.586e-003	-8.895e-008
3	2.048e-005	1.027e-005	8.599e-004	-1.626e-003	-1.069e-002	-7.812e-008
4	-1.647e-005	1.863e-005	4.601e-004	4.007e-003	8.428e-003	1.860e-008
5	2.728e-005	1.096e-006	2.410e-004	2.976e-003	-9.915e-002	-5.767e-004
6	-3.383e-005	7.019e-007	2.895e-004	3.580e-003	9.900e-002	6.628e-004
7	-8.724e-006	-9.394e-006	-1.225e-004	-3.944e-003	4.680e-003	2.647e-009
8	2.078e-005	-7.615e-006	9.572e-004	6.700e-004	-9.979e-003	5.537e-008
9	-8.494e-006	-6.378e-006	-5.416e-004	-2.342e-003	7.154e-003	6.767e-008
10	2.414e-005	-1.353e-005	8.422e-004	-2.988e-003	-1.147e-002	7.985e-008
11	-7.130e-006	2.980e-006	-1.513e-003	1.222e-005	-5.462e-003	-6.181e-006
12	4.261e-005	-2.222e-007	2.740e-003	3.134e-006	1.438e-002	4.462e-006
13	-4.336e-005	-1.268e-006	3.329e-003	3.204e-006	-1.520e-002	8.261e-006
14	3.485e-005	-8.170e-006	2.415e-004	-2.983e-003	-9.916e-002	6.640e-004
15	-3.518e-005	-1.097e-005	2.899e-004	-3.585e-003	9.899e-002	-6.749e-004
16	0.000e+000	0.000e+000	0.000e+000	3.029e-003	-6.021e-004	-2.011e-004
17	0.000e+000	0.000e+000	0.000e+000	-2.341e-003	-4.527e-006	1.716e-005
18	-1.080e-006	-3.567e-006	3.212e-005	-3.482e-004	-2.029e-004	-6.132e-005
19	0.000e+000	0.000e+000	0.000e+000	3.638e-003	6.070e-004	2.648e-004
20	9.726e-006	2.110e-006	1.410e-003	2.502e-003	-6.557e-002	2.688e-004
21	1.222e-005	-4.638e-006	-1.121e-003	-2.030e-003	-4.083e-003	-2.894e-005

Vettori modali 14 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
22	-4.033e-005	6.246e-007	1.703e-003	3.038e-003	6.522e-002	-2.256e-004
23	-2.766e-005	2.181e-006	2.399e-003	1.369e-003	-2.560e-002	-1.176e-004
24	1.184e-005	-4.247e-006	-1.923e-003	-1.128e-003	-4.069e-003	2.752e-005
25	-7.689e-006	2.590e-006	2.908e-003	1.679e-003	2.501e-002	5.889e-005
26	-1.557e-006	2.920e-006	-2.201e-003	1.673e-005	-4.199e-004	1.534e-006
27	-2.604e-005	-3.359e-006	2.402e-003	-1.365e-003	-2.560e-002	9.210e-005
28	1.260e-005	1.115e-005	-1.909e-003	1.146e-003	-4.306e-003	-2.562e-005
29	-2.131e-005	-6.045e-006	2.911e-003	-1.676e-003	2.501e-002	-5.064e-005
30	2.854e-005	-5.493e-006	1.413e-003	-2.505e-003	-6.558e-002	-2.885e-004
31	9.735e-006	1.532e-005	-1.106e-003	2.014e-003	-3.403e-003	3.317e-005
32	-4.564e-005	-7.068e-006	1.705e-003	-3.041e-003	6.522e-002	2.080e-004
33	0.000e+000	-7.991e-006	0.000e+000	-3.036e-003	-6.028e-004	2.960e-004
34	0.000e+000	1.876e-005	0.000e+000	2.306e-003	-3.156e-006	-3.146e-005
35	4.406e-008	1.477e-005	3.184e-005	3.229e-004	-2.022e-004	1.331e-005
36	0.000e+000	-1.148e-005	0.000e+000	-3.643e-003	6.057e-004	-2.883e-004
37	-4.881e-002	-4.613e-004	3.194e-004	-5.947e-004	-8.847e-002	-4.809e-002
38	4.874e-002	-5.969e-004	3.718e-004	-5.933e-004	8.834e-002	4.803e-002
39	2.974e-002	-3.662e-006	2.726e-003	9.126e-006	8.951e-002	2.596e-006
40	-2.991e-002	-3.783e-006	3.321e-003	5.855e-006	-8.944e-002	6.637e-006
41	-4.881e-002	4.515e-004	3.199e-004	6.080e-004	-8.847e-002	4.815e-002
42	4.873e-002	5.855e-004	3.721e-004	5.995e-004	8.833e-002	-4.804e-002
43	-7.916e-002	6.497e-005	3.974e-004	-9.870e-004	-2.981e-002	-9.560e-002
44	7.903e-002	2.416e-007	4.536e-004	-1.204e-003	2.977e-002	9.540e-002
45	7.331e-002	-7.722e-006	2.709e-003	6.096e-006	7.433e-002	7.290e-007
46	-7.332e-002	-6.106e-006	3.307e-003	2.878e-006	-7.383e-002	5.013e-006
47	-7.916e-002	-8.134e-005	3.979e-004	9.973e-004	-2.982e-002	9.564e-002
48	7.902e-002	-1.416e-005	4.538e-004	1.207e-003	2.977e-002	-9.540e-002
49	-7.722e-002	-8.412e-005	4.787e-004	2.169e-003	3.217e-002	-1.454e-001
50	7.709e-002	-8.134e-005	5.386e-004	2.213e-003	-3.214e-002	1.451e-001
51	-7.713e-004	-5.908e-005	1.607e-003	2.296e-003	2.234e-002	-1.651e-001
52	8.255e-004	-5.636e-005	1.833e-003	2.845e-003	-2.219e-002	1.647e-001
53	6.719e-002	-3.397e-005	2.450e-003	1.138e-003	1.251e-002	-1.095e-001
54	-6.699e-002	-3.132e-005	2.935e-003	1.596e-003	-1.224e-002	1.093e-001
55	9.438e-002	-8.817e-006	2.687e-003	-2.219e-006	2.681e-003	-1.229e-006
56	-9.413e-002	-6.232e-006	3.289e-003	-2.346e-006	-2.286e-003	3.310e-006
57	6.719e-002	1.632e-005	2.450e-003	-1.136e-003	1.251e-002	1.095e-001
58	-6.699e-002	1.884e-005	2.935e-003	-1.593e-003	-1.223e-002	-1.093e-001
59	-7.706e-004	4.144e-005	1.608e-003	-2.294e-003	2.234e-002	1.651e-001
60	8.205e-004	4.389e-005	1.834e-003	-2.843e-003	-2.218e-002	-1.647e-001
61	-7.722e-002	6.651e-005	4.790e-004	-2.176e-003	3.217e-002	1.454e-001
62	7.709e-002	6.888e-005	5.388e-004	-2.221e-003	-3.213e-002	-1.451e-001
63	5.287e-002	-1.157e-003	6.100e-004	8.997e-004	-6.693e-002	9.757e-002
64	-7.701e-002	-2.420e-006	3.261e-003	-1.147e-005	6.964e-002	5.110e-007
65	5.287e-002	1.152e-003	6.101e-004	-9.210e-004	-6.692e-002	-9.757e-002
66	-5.299e-002	-1.186e-003	5.479e-004	9.779e-004	6.692e-002	-9.791e-002
67	7.739e-002	-4.495e-006	2.657e-003	-1.348e-005	-6.955e-002	-5.292e-007
68	-5.299e-002	1.177e-003	5.483e-004	-1.003e-003	6.693e-002	9.792e-002
69	-2.764e-002	-2.080e-004	1.585e-003	-5.575e-003	3.511e-002	-3.517e-002
70	-5.424e-003	-4.179e-004	-6.771e-004	-2.449e-003	-1.048e-002	-5.458e-002
71	1.987e-002	6.315e-004	6.841e-004	-9.675e-003	-5.608e-002	4.763e-002
72	-5.427e-003	4.222e-004	-6.787e-004	2.452e-003	-1.048e-002	5.458e-002
73	-2.764e-002	2.123e-004	1.585e-003	5.579e-003	3.511e-002	3.516e-002
74	-3.623e-002	2.169e-006	3.228e-003	-4.162e-006	8.071e-002	-2.432e-006
75	1.988e-002	-6.272e-004	6.842e-004	9.663e-003	-5.608e-002	-4.763e-002
76	-2.001e-002	6.327e-004	6.200e-004	-9.957e-003	5.599e-002	-4.796e-002

Vettori modali 14 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
77	5.480e-003	4.226e-004	-9.619e-004	1.899e-003	1.033e-002	-5.503e-002
78	2.788e-002	2.120e-004	1.069e-003	5.205e-003	-3.533e-002	-3.548e-002
79	3.655e-002	1.133e-006	2.622e-003	-5.807e-006	-8.099e-002	2.062e-007
80	2.788e-002	-2.098e-004	1.068e-003	-5.200e-003	-3.533e-002	3.548e-002
81	5.482e-003	-4.204e-004	-9.598e-004	-1.895e-003	1.033e-002	5.503e-002
82	-2.001e-002	-6.305e-004	6.203e-004	9.942e-003	5.600e-002	4.796e-002
83	1.076e-002	2.659e-004	-3.036e-003	-1.202e-002	-4.698e-002	2.220e-002
84	-1.092e-002	-2.456e-004	-3.161e-003	1.227e-002	4.684e-002	2.243e-002
85	-1.093e-002	2.505e-004	-3.161e-003	-1.229e-002	4.683e-002	-2.243e-002
86	2.207e-002	2.381e-006	8.667e-003	-6.763e-006	-8.170e-002	1.839e-006
87	1.077e-002	-2.595e-004	-3.036e-003	1.201e-002	-4.698e-002	-2.220e-002
88	-2.181e-002	3.141e-006	9.138e-003	-4.050e-006	8.125e-002	-3.358e-006
89	4.687e-003	-2.998e-004	-7.633e-003	9.672e-004	-3.290e-002	6.532e-003
90	-8.166e-004	-1.988e-004	-6.465e-004	2.443e-002	-1.261e-005	1.479e-002
91	-7.527e-003	-9.747e-005	1.156e-002	2.294e-002	3.288e-002	1.172e-002
92	-1.055e-002	3.955e-006	1.769e-002	-1.356e-006	6.577e-002	-2.993e-006
93	-7.524e-003	1.054e-004	1.156e-002	-2.294e-002	3.288e-002	-1.172e-002
94	-8.130e-004	2.067e-004	-6.453e-004	-2.443e-002	-1.373e-005	-1.479e-002
95	4.691e-003	3.078e-004	-7.633e-003	-9.734e-004	-3.291e-002	-6.535e-003
96	-4.874e-003	-2.980e-004	-7.740e-003	6.597e-004	3.272e-002	-6.753e-003
97	7.712e-004	-1.977e-004	-9.122e-004	2.411e-002	-3.074e-004	-1.514e-002
98	7.635e-003	-9.721e-005	1.118e-002	2.279e-002	-3.334e-002	-1.198e-002
99	1.072e-002	3.406e-006	1.727e-002	-3.588e-006	-6.637e-002	1.202e-006
100	7.636e-003	1.040e-004	1.118e-002	-2.279e-002	-3.334e-002	1.198e-002
101	7.742e-004	2.046e-004	-9.119e-004	-2.411e-002	-3.043e-004	1.513e-002
102	-4.871e-003	3.048e-004	-7.741e-003	-6.679e-004	3.273e-002	6.756e-003
103	1.385e-003	8.356e-004	-1.188e-002	-6.283e-003	-2.347e-002	3.450e-003
104	-1.586e-003	8.258e-004	-1.196e-002	-6.054e-003	2.328e-002	-3.341e-003
105	3.626e-003	4.144e-006	2.640e-002	-3.705e-006	-5.360e-002	2.572e-006
106	-3.529e-003	4.504e-006	2.671e-002	-1.424e-006	5.282e-002	-2.126e-006
107	-1.590e-003	-8.174e-004	-1.196e-002	6.046e-003	2.327e-002	3.345e-003
108	1.380e-003	-8.265e-004	-1.188e-002	6.277e-003	-2.347e-002	-3.453e-003
109	6.864e-005	6.964e-004	-1.497e-002	-1.569e-002	-1.175e-002	5.857e-003
110	4.775e-004	4.815e-006	3.377e-002	-2.748e-006	-2.976e-002	2.075e-006
111	-4.395e-004	4.893e-006	3.394e-002	-1.295e-006	2.889e-002	-1.186e-006
112	-2.847e-004	6.874e-004	-1.501e-002	-1.557e-002	1.153e-002	-5.801e-003
113	-2.887e-004	-6.778e-004	-1.501e-002	1.556e-002	1.153e-002	5.805e-003
114	6.458e-005	-6.865e-004	-1.496e-002	1.569e-002	-1.175e-002	-5.859e-003
115	-1.149e-004	-5.509e-004	-1.605e-002	2.796e-002	-1.190e-004	-3.235e-005
116	-7.902e-005	-3.659e-004	4.169e-003	5.126e-002	-2.220e-004	-1.104e-004
117	-2.264e-005	-1.806e-004	2.680e-002	3.862e-002	-3.250e-004	-1.106e-004
118	8.242e-006	5.058e-006	3.663e-002	-1.014e-006	-4.280e-004	-2.843e-007
119	-2.135e-005	1.907e-004	2.680e-002	-3.862e-002	-3.258e-004	1.065e-004
120	-7.582e-005	3.761e-004	4.168e-003	-5.126e-002	-2.236e-004	1.071e-004
121	-1.109e-004	5.610e-004	-1.605e-002	-2.797e-002	-1.214e-004	3.270e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.727e-005	1.097e-006	2.410e-004	3.212e-003	-3.242e-003	5.860e-008
124	-3.383e-005	7.022e-007	2.895e-004	4.114e-003	1.106e-002	-2.435e-009
125	-7.128e-006	2.980e-006	-1.513e-003	-1.557e-003	-9.137e-003	3.319e-008
126	4.260e-005	-2.211e-007	2.740e-003	-2.349e-004	1.087e-002	6.464e-008
127	-4.336e-005	-1.267e-006	3.329e-003	-5.271e-004	-1.160e-002	-2.588e-008
128	1.485e-009	-2.887e-010	1.601e-011	2.808e-003	7.998e-004	-2.393e-008
129	7.849e-010	-1.584e-009	-4.395e-011	-2.444e-003	-7.885e-004	7.494e-009
130	-1.080e-006	-3.566e-006	3.212e-005	4.994e-003	4.950e-004	2.533e-010
131	-2.784e-010	2.433e-011	2.128e-011	3.118e-003	-3.547e-004	-6.380e-009

Vettori modali 14 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
132	9.724e-006	2.110e-006	1.410e-003	2.355e-003	4.271e-003	8.065e-010
133	-4.033e-005	6.242e-007	1.703e-003	2.621e-003	8.330e-003	-4.214e-009
134	-2.766e-005	2.182e-006	2.399e-003	1.596e-003	1.642e-002	7.613e-009
135	-7.689e-006	2.591e-006	2.908e-003	2.204e-003	7.565e-005	-4.115e-009
136	-1.559e-006	2.920e-006	-2.201e-003	1.778e-005	3.243e-003	-9.821e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-7.128e-006	2.981e-006	-1.513e-003	3.299e-003	-8.961e-003	-2.681e-008
139	4.260e-005	-2.231e-007	2.740e-003	3.416e-004	1.105e-002	-6.557e-008
140	-4.336e-005	-1.269e-006	3.329e-003	3.337e-004	-1.178e-002	3.268e-008
141	3.485e-005	-8.171e-006	2.415e-004	-3.323e-003	-9.576e-003	-1.943e-008
142	-3.518e-005	-1.097e-005	2.899e-004	-3.917e-003	1.100e-002	-2.075e-009
143	-1.559e-006	2.920e-006	-2.201e-003	2.147e-005	3.063e-003	1.191e-008
144	-2.604e-005	-3.359e-006	2.402e-003	-1.693e-003	1.662e-002	-1.326e-008
145	-2.131e-005	-6.046e-006	2.911e-003	-2.001e-003	5.522e-003	8.195e-009
146	2.854e-005	-5.493e-006	1.413e-003	-2.257e-003	-2.328e-003	-1.608e-010
147	-4.564e-005	-7.068e-006	1.705e-003	-2.826e-003	9.225e-003	7.142e-009
148	6.612e-010	-7.990e-006	3.977e-012	-2.712e-003	-8.018e-005	4.576e-009
149	3.416e-011	1.876e-005	-6.727e-012	2.404e-003	8.453e-005	-8.470e-009
150	4.409e-008	1.477e-005	3.184e-005	-3.065e-003	-3.686e-004	8.569e-009
151	-1.873e-010	-1.148e-005	1.159e-011	-3.328e-003	5.077e-004	2.719e-009

Vettori modali 15 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.115e-003	4.876e-004	-1.366e-001	1.947e-001	8.048e-001	1.013e-006
2	2.028e-003	-1.183e-003	-2.083e-001	-3.397e-001	-7.266e-001	-3.389e-006
3	-5.046e-004	7.494e-004	2.959e-002	2.328e-001	1.672e-001	1.363e-007
4	2.724e-003	-2.558e-004	-1.691e-001	-1.632e-003	-1.091e+000	-3.718e-006
5	1.666e-003	1.818e-005	2.209e-004	2.708e-003	-2.958e-003	-2.030e-002
6	2.691e-005	-9.308e-006	1.537e-004	1.909e-003	-1.390e-004	-5.159e-004
7	-2.759e-003	-2.256e-004	1.665e-001	5.623e-004	1.074e+000	-3.244e-006
8	4.476e-004	8.374e-004	-2.863e-002	2.207e-001	-1.621e-001	5.847e-008
9	-2.152e-003	-1.199e-003	2.059e-001	-3.331e-001	7.170e-001	-2.663e-006
10	1.906e-003	5.384e-004	1.332e-001	1.955e-001	-7.877e-001	5.325e-007
11	-1.039e-004	-9.315e-004	1.207e-004	-7.607e-003	-6.627e-005	-1.021e-003
12	-1.089e-004	4.661e-005	1.161e-004	-1.809e-003	4.449e-005	-1.759e-003
13	-9.815e-005	-3.153e-005	1.572e-004	-1.680e-003	-7.868e-005	-5.200e-003
14	-1.732e-003	3.030e-004	-2.050e-004	2.508e-003	2.555e-003	-2.105e-002
15	-3.225e-005	-9.644e-005	-1.286e-004	1.598e-003	4.964e-004	-6.127e-004
16	0.000e+000	0.000e+000	0.000e+000	2.789e-003	-2.338e-004	-1.899e-002
17	0.000e+000	0.000e+000	0.000e+000	1.159e-002	4.341e-004	1.291e-003
18	1.310e-004	-4.460e-004	-8.958e-005	8.367e-003	2.084e-004	-1.887e-003
19	0.000e+000	0.000e+000	0.000e+000	1.928e-003	-3.911e-004	1.374e-004
20	4.652e-003	2.371e-005	1.051e-003	9.853e-004	-2.070e-003	4.445e-003
21	-7.310e-004	1.183e-005	4.738e-003	5.238e-003	2.091e-001	-2.523e-004
22	-6.977e-004	6.869e-005	8.003e-004	1.006e-003	-1.212e-004	5.617e-003
23	1.250e-004	3.865e-005	9.320e-004	-1.196e-003	-1.013e-003	6.469e-003
24	2.746e-005	-4.666e-005	4.572e-003	-5.687e-003	-4.384e-002	-4.472e-004
25	-3.502e-003	5.430e-006	8.648e-004	-7.963e-004	-9.993e-005	-1.004e-003
26	-1.080e-004	-1.340e-004	1.086e-004	-1.057e-002	-3.370e-005	-1.698e-003
27	-3.235e-004	1.254e-004	-7.383e-004	-1.337e-003	9.285e-004	6.475e-003
28	-2.398e-004	-8.834e-005	-4.400e-003	-5.843e-003	4.773e-002	-5.394e-004
29	3.424e-003	-3.857e-005	-5.968e-004	-9.716e-004	1.238e-004	-1.213e-003
30	-4.863e-003	2.067e-004	-9.472e-004	7.784e-004	1.813e-003	4.383e-003
31	6.193e-004	-9.133e-005	-4.652e-003	5.060e-003	-2.101e-001	-5.084e-004
32	6.495e-004	-5.083e-006	-6.495e-004	7.264e-004	3.263e-004	5.567e-003
33	0.000e+000	3.074e-004	0.000e+000	2.590e-003	2.345e-004	-1.988e-002

Vettori modali 15 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
34	0.000e+000	-2.115e-004	0.000e+000	1.142e-002	-4.406e-004	1.134e-003
35	-1.396e-004	-6.302e-004	9.118e-005	8.148e-003	-2.129e-004	-1.609e-003
36	0.000e+000	-8.573e-005	0.000e+000	1.613e-003	3.999e-004	1.191e-004
37	1.577e-004	-1.474e-003	2.363e-004	2.924e-003	-2.978e-003	-1.482e-002
38	-2.416e-005	-1.469e-003	1.673e-004	3.418e-003	-5.948e-005	-3.242e-004
39	-8.743e-006	-2.758e-004	1.170e-004	2.440e-003	3.180e-004	-1.114e-003
40	-7.933e-005	-5.410e-004	1.596e-004	2.963e-003	1.332e-004	-3.637e-003
41	-4.202e-004	-1.196e-003	-2.180e-004	3.127e-003	2.632e-003	-1.508e-002
42	1.924e-004	-1.472e-003	-1.394e-004	3.359e-003	3.635e-004	-3.795e-004
43	-1.061e-003	-2.521e-003	2.514e-004	1.082e-003	-1.760e-003	-9.328e-003
44	-2.417e-005	-2.864e-003	1.806e-004	1.827e-003	6.551e-005	-1.324e-004
45	1.597e-004	-1.703e-003	1.178e-004	2.715e-003	3.209e-004	-4.687e-004
46	6.567e-006	-2.206e-003	1.619e-004	3.083e-003	1.842e-004	-2.074e-003
47	6.867e-004	-2.394e-003	-2.307e-004	1.429e-003	1.669e-003	-9.115e-003
48	2.846e-004	-2.866e-003	-1.499e-004	1.854e-003	-1.806e-005	-1.464e-004
49	-1.419e-003	-2.416e-003	2.668e-004	-1.414e-003	4.647e-004	-3.573e-003
50	5.009e-005	-2.996e-003	1.943e-004	-1.385e-003	2.256e-004	6.864e-005
51	-2.069e-004	-2.417e-003	-2.087e-005	1.423e-005	3.419e-004	-1.665e-003
52	-5.320e-006	-2.999e-003	-4.976e-005	1.477e-004	1.624e-004	1.268e-004
53	2.588e-004	-2.415e-003	1.044e-004	3.283e-004	2.191e-004	-3.986e-004
54	-3.357e-005	-2.999e-003	1.368e-004	4.294e-004	9.909e-005	-4.553e-005
55	2.745e-004	-2.410e-003	1.185e-004	-4.443e-004	9.631e-005	2.080e-004
56	7.211e-005	-2.994e-003	1.640e-004	-5.106e-004	3.582e-005	-4.354e-004
57	1.439e-004	-2.414e-003	7.899e-005	1.242e-004	-4.859e-005	1.913e-004
58	2.055e-004	-2.999e-003	1.326e-004	1.951e-004	-1.392e-004	-1.305e-004
59	2.452e-004	-2.415e-003	9.494e-005	-2.014e-004	-1.935e-004	-7.878e-004
60	2.085e-004	-3.000e-003	1.826e-004	-1.518e-004	-3.143e-004	9.304e-005
61	1.062e-003	-2.413e-003	-2.437e-004	-1.364e-003	-3.384e-004	-2.858e-003
62	1.519e-004	-2.997e-003	-1.608e-004	-1.447e-003	-4.894e-004	9.816e-005
63	1.882e-004	-1.461e-003	2.040e-004	-4.458e-003	3.376e-004	-3.166e-005
64	6.055e-005	-1.518e-003	1.656e-004	-4.778e-003	-6.587e-005	-2.545e-004
65	-1.608e-004	-1.469e-003	-1.686e-004	-4.410e-003	-7.686e-004	9.517e-005
66	-7.845e-004	-1.073e-003	2.781e-004	-3.770e-003	1.967e-003	-2.026e-003
67	2.618e-004	-1.122e-003	1.190e-004	-4.141e-003	-1.409e-004	4.866e-004
68	5.028e-004	-1.080e-003	-2.534e-004	-3.770e-003	-1.785e-003	-1.492e-003
69	-9.889e-005	4.980e-004	-8.634e-005	5.682e-004	-2.225e-004	5.116e-004
70	-3.627e-004	4.953e-004	2.514e-004	3.748e-004	-4.192e-004	5.128e-004
71	3.590e-004	4.935e-004	2.138e-004	-2.519e-003	3.502e-004	-1.371e-004
72	3.083e-004	4.963e-004	-1.012e-004	6.783e-004	2.249e-004	3.065e-004
73	1.274e-004	4.985e-004	3.681e-004	7.840e-004	9.957e-005	3.789e-004
74	3.096e-005	5.000e-004	1.671e-004	-2.114e-003	-2.572e-005	-6.424e-005
75	-5.178e-004	4.920e-004	-1.765e-004	-2.639e-003	-6.160e-004	9.202e-005
76	1.592e-004	5.944e-004	2.896e-004	-2.267e-003	1.467e-003	-4.002e-004
77	3.443e-004	5.948e-004	-5.013e-005	4.159e-004	9.005e-004	-3.006e-004
78	3.847e-004	5.943e-004	2.866e-004	5.851e-004	3.340e-004	1.731e-004
79	1.595e-004	5.931e-004	1.194e-004	-1.682e-003	-2.325e-004	7.796e-004
80	-1.595e-004	5.918e-004	-9.736e-005	3.933e-004	-6.229e-004	5.432e-004
81	-3.394e-004	5.897e-004	1.339e-004	2.007e-004	-1.013e-003	2.097e-004
82	-3.687e-004	5.869e-004	-2.633e-004	-2.248e-003	-1.404e-003	-5.611e-005
83	4.193e-004	9.372e-004	2.399e-004	-2.221e-003	3.268e-004	-4.145e-004
84	-5.706e-004	9.705e-004	-1.809e-004	-1.973e-003	-8.838e-004	2.900e-004
85	3.675e-004	9.725e-004	2.049e-004	-2.061e-003	8.930e-004	1.374e-004
86	1.176e-004	9.630e-004	1.370e-004	-1.586e-003	-2.377e-004	1.097e-003
87	-6.142e-004	9.402e-004	-2.170e-004	-2.367e-003	-4.722e-004	-1.646e-004
88	3.189e-005	9.284e-004	1.680e-004	-2.281e-003	3.603e-005	-5.413e-004

Vettori modali 15 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
89	4.585e-004	1.264e-003	2.713e-004	-1.360e-003	1.800e-004	-4.433e-004
90	4.226e-004	1.265e-003	9.414e-005	3.272e-004	1.445e-004	4.801e-004
91	1.351e-004	1.264e-003	3.171e-004	3.415e-004	1.091e-004	5.730e-004
92	4.030e-005	1.261e-003	1.750e-004	-1.181e-003	7.368e-005	-3.492e-004
93	-1.060e-004	1.265e-003	-1.494e-005	1.346e-004	-2.476e-005	7.711e-004
94	-5.095e-004	1.267e-003	7.116e-005	-1.597e-005	-1.232e-004	7.493e-004
95	-6.673e-004	1.268e-003	-2.584e-004	-1.614e-003	-2.216e-004	-2.107e-004
96	4.599e-004	1.265e-003	1.373e-004	-1.308e-003	3.323e-004	3.957e-004
97	4.026e-004	1.266e-003	-6.494e-005	2.361e-004	1.576e-004	-1.617e-005
98	3.662e-004	1.265e-003	1.519e-004	4.558e-004	-1.703e-005	2.630e-004
99	8.472e-005	1.262e-003	1.622e-004	-6.199e-004	-1.917e-004	9.790e-004
100	-2.855e-004	1.266e-003	1.078e-004	2.025e-004	-2.474e-004	5.913e-004
101	-4.959e-004	1.267e-003	1.817e-004	-6.605e-005	-3.030e-004	3.354e-004
102	-6.645e-004	1.267e-003	-1.117e-004	-1.330e-003	-3.587e-004	4.695e-004
103	-6.778e-004	1.506e-003	-2.711e-004	-1.590e-003	4.163e-005	-4.122e-004
104	-6.815e-004	1.495e-003	-9.105e-005	-1.323e-003	5.222e-005	4.830e-004
105	6.543e-005	1.477e-003	1.872e-004	-6.359e-004	-1.391e-004	8.615e-004
106	5.001e-005	1.486e-003	1.880e-004	-1.178e-003	9.150e-005	-7.051e-004
107	4.746e-004	1.488e-003	1.199e-004	-1.265e-003	-6.683e-005	5.374e-004
108	4.677e-004	1.499e-003	2.826e-004	-1.318e-003	-2.378e-005	-5.547e-004
109	-6.674e-004	1.680e-003	-2.447e-004	-1.372e-003	2.439e-004	-2.983e-004
110	5.777e-005	1.648e-003	2.055e-004	-5.197e-004	-6.832e-005	5.847e-004
111	5.598e-005	1.677e-003	2.028e-004	-8.565e-004	7.044e-005	-5.250e-004
112	-6.682e-004	1.662e-003	-1.246e-004	-1.208e-003	2.980e-004	3.460e-004
113	4.610e-004	1.660e-003	1.544e-004	-1.052e-003	-2.923e-004	4.135e-004
114	4.597e-004	1.673e-003	2.625e-004	-1.088e-003	-1.969e-004	-3.789e-004
115	4.534e-004	1.729e-003	2.141e-004	-7.242e-004	-3.064e-004	5.626e-005
116	3.737e-004	1.732e-003	1.007e-004	1.169e-004	-2.007e-004	2.813e-004
117	2.060e-004	1.733e-003	2.086e-004	2.221e-004	-9.507e-005	3.865e-004
118	5.695e-005	1.731e-003	2.110e-004	-3.062e-004	1.060e-005	1.801e-004
119	-1.721e-004	1.734e-003	1.578e-004	-1.958e-005	1.207e-004	6.785e-004
120	-4.910e-004	1.734e-003	1.050e-004	-2.873e-004	2.309e-004	5.786e-004
121	-6.601e-004	1.732e-003	-1.879e-004	-1.022e-003	3.410e-004	9.983e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.667e-003	1.820e-005	2.209e-004	3.968e-002	-1.807e+000	-9.036e-006
124	2.693e-005	-9.331e-006	1.537e-004	-6.272e-002	-3.918e-002	-2.379e-006
125	-1.040e-004	-9.316e-004	1.207e-004	-5.214e-001	4.650e-002	-1.813e-006
126	-1.089e-004	4.660e-005	1.161e-004	-3.777e-002	4.724e-002	4.372e-007
127	-9.813e-005	-3.152e-005	1.572e-004	6.235e-002	-4.645e-002	8.969e-007
128	-1.537e-007	-1.716e-008	-1.200e-009	-3.426e-002	-2.319e-001	4.118e-006
129	-1.641e-007	3.802e-008	6.736e-009	1.395e-002	2.303e-001	-2.629e-007
130	1.311e-004	-4.460e-004	-8.958e-005	-4.959e-001	-2.278e-001	-7.830e-007
131	-4.202e-008	2.210e-008	1.137e-009	6.554e-002	2.267e-001	1.093e-006
132	4.652e-003	2.371e-005	1.051e-003	-3.532e-002	-1.943e+000	5.908e-007
133	-6.977e-004	6.872e-005	8.003e-004	6.575e-002	1.842e-001	-4.291e-007
134	1.250e-004	3.865e-005	9.320e-004	3.457e-002	3.331e-002	-1.054e-006
135	-3.502e-003	5.426e-006	8.648e-004	-6.536e-002	1.537e+000	1.464e-006
136	-1.079e-004	-1.340e-004	1.086e-004	-1.223e-002	-4.716e-002	4.184e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.039e-004	-9.316e-004	1.207e-004	-5.301e-001	-4.765e-002	-2.155e-006
139	-1.089e-004	4.660e-005	1.161e-004	-3.827e-002	-4.815e-002	3.906e-007
140	-9.816e-005	-3.152e-005	1.572e-004	6.459e-002	4.729e-002	1.212e-006
141	-1.733e-003	3.030e-004	-2.050e-004	3.995e-002	1.836e+000	-9.969e-006
142	-3.228e-005	-9.647e-005	-1.286e-004	-6.526e-002	4.247e-002	-2.677e-006
143	-1.080e-004	-1.340e-004	1.086e-004	-1.226e-002	4.812e-002	3.626e-007

Vettori modali 15 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
144	-3.235e-004	1.254e-004	-7.383e-004	3.491e-002	-3.714e-002	-1.292e-006
145	3.424e-003	-3.858e-005	-5.968e-004	-6.779e-002	-1.573e+000	1.828e-006
146	-4.863e-003	2.067e-004	-9.472e-004	-3.601e-002	1.968e+000	5.437e-007
147	6.494e-004	-5.061e-006	-6.495e-004	6.771e-002	-1.934e-001	-4.724e-007
148	1.595e-007	3.074e-004	1.497e-009	-3.482e-002	2.371e-001	2.693e-006
149	1.678e-007	-2.115e-004	-7.017e-009	1.376e-002	-2.354e-001	2.583e-007
150	-1.397e-004	-6.302e-004	9.119e-005	-5.168e-001	2.328e-001	-1.213e-006
151	4.120e-008	-8.570e-005	-1.156e-009	6.742e-002	-2.317e-001	8.469e-007

Vettori modali 16 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-5.233e-004	4.169e-004	-3.871e-002	4.182e-002	2.258e-001	5.051e-007
2	5.297e-004	-2.341e-005	-4.771e-002	-9.368e-002	-1.766e-001	-5.949e-007
3	-1.159e-004	5.731e-004	8.570e-003	7.987e-002	5.010e-002	2.012e-007
4	6.928e-004	2.121e-004	-4.132e-002	-1.112e-002	-2.744e-001	-9.967e-007
5	-2.932e-004	2.018e-005	-4.792e-004	-5.921e-003	1.568e-002	3.567e-003
6	1.166e-005	2.324e-005	-3.638e-004	-4.495e-003	-1.529e-002	-1.054e-004
7	5.257e-004	8.967e-005	-2.993e-002	1.114e-002	-2.025e-001	6.173e-007
8	-1.259e-004	-1.493e-004	3.850e-003	-5.515e-002	4.869e-002	-2.235e-007
9	4.257e-004	3.073e-004	-3.477e-002	6.714e-002	-1.355e-001	3.355e-007
10	-3.789e-004	1.733e-005	-2.849e-002	-2.560e-002	1.672e-001	-3.483e-007
11	1.193e-004	1.577e-004	2.694e-003	1.816e-004	-1.900e-003	8.717e-005
12	1.291e-004	2.558e-004	2.498e-003	1.220e-003	6.449e-004	-5.389e-005
13	1.338e-004	2.520e-004	3.777e-003	1.195e-003	-2.428e-003	-2.154e-004
14	-4.361e-004	4.116e-004	8.451e-004	-1.049e-002	-1.648e-002	-5.268e-003
15	1.653e-005	3.796e-004	9.624e-004	-1.193e-002	1.697e-002	1.281e-004
16	0.000e+000	0.000e+000	0.000e+000	-6.023e-003	1.312e-004	3.337e-003
17	0.000e+000	0.000e+000	0.000e+000	1.512e-003	-7.166e-005	-8.199e-005
18	-2.526e-005	1.257e-004	1.074e-005	-5.166e-004	-6.527e-006	4.707e-004
19	0.000e+000	0.000e+000	0.000e+000	-4.574e-003	-2.463e-005	-2.352e-004
20	-7.741e-004	9.033e-005	-1.215e-003	1.706e-003	1.123e-002	-9.484e-004
21	1.112e-004	5.188e-005	8.399e-004	2.002e-003	-2.425e-002	3.722e-005
22	2.164e-004	6.239e-005	-5.468e-004	2.858e-003	-1.149e-002	-1.267e-003
23	7.628e-005	1.729e-004	7.053e-004	4.838e-003	5.938e-003	-1.104e-003
24	-1.816e-005	1.055e-004	1.859e-003	1.898e-003	2.292e-002	4.206e-005
25	7.900e-004	1.424e-004	1.819e-003	5.472e-003	-6.957e-003	4.945e-004
26	9.005e-005	1.754e-004	2.356e-003	-3.251e-004	-9.056e-004	-7.866e-005
27	3.710e-005	2.996e-004	3.518e-003	1.894e-003	-5.384e-003	1.623e-003
28	-3.343e-005	2.413e-004	1.584e-003	-2.242e-003	2.892e-002	-6.914e-005
29	1.097e-003	3.168e-004	4.617e-003	1.267e-003	4.401e-003	-6.335e-004
30	-1.160e-003	3.513e-004	3.504e-003	-2.764e-003	-1.141e-002	1.295e-003
31	1.630e-004	2.557e-004	5.613e-004	-1.670e-003	-4.039e-002	-8.240e-005
32	3.000e-004	3.680e-004	4.173e-003	-3.887e-003	1.123e-002	1.752e-003
33	0.000e+000	4.104e-004	0.000e+000	-1.060e-002	-4.635e-005	-5.026e-003
34	0.000e+000	2.229e-004	0.000e+000	-8.590e-004	-1.088e-004	1.981e-004
35	-3.788e-005	1.040e-004	2.877e-005	-4.598e-003	-9.058e-005	-3.395e-004
36	0.000e+000	3.812e-004	0.000e+000	-1.208e-002	2.063e-004	3.650e-004
37	7.320e-003	2.501e-002	-7.744e-004	-7.842e-002	1.335e-002	3.604e-003
38	-7.401e-003	2.469e-002	-6.490e-004	-7.842e-002	-1.293e-002	-1.172e-003
39	-2.655e-004	2.254e-002	2.539e-003	-7.508e-002	-1.795e-003	2.573e-003
40	-1.448e-005	2.255e-002	3.829e-003	-7.510e-002	1.323e-003	-2.746e-003
41	-8.398e-003	2.632e-002	1.186e-003	-7.807e-002	-1.376e-002	-3.618e-003
42	8.234e-003	2.663e-002	1.314e-003	-7.813e-002	1.429e-002	-1.842e-005
43	1.142e-002	6.185e-002	-1.068e-003	-5.741e-002	2.345e-003	3.641e-003
44	-1.132e-002	6.171e-002	-9.333e-004	-5.793e-002	-2.058e-003	-2.239e-003
45	-1.207e-003	5.912e-002	2.577e-003	-5.982e-002	-1.614e-003	5.200e-003

Vettori modali 16 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
46	9.400e-004	5.913e-002	3.875e-003	-5.982e-002	2.053e-003	-5.276e-003
47	-1.243e-002	6.243e-002	1.526e-003	-5.540e-002	-1.610e-003	-1.968e-003
48	1.250e-002	6.260e-002	1.664e-003	-5.493e-002	2.008e-003	-1.650e-004
49	9.197e-003	7.131e-002	-1.375e-003	2.690e-002	-1.031e-002	3.679e-003
50	-9.019e-003	7.132e-002	-1.230e-003	2.702e-002	1.032e-002	-3.358e-003
51	6.772e-003	7.143e-002	3.482e-003	-2.256e-003	-6.628e-003	6.862e-003
52	-6.682e-003	7.144e-002	3.996e-003	-1.070e-003	6.874e-003	-6.776e-003
53	2.802e-003	7.146e-002	5.804e-004	-5.480e-003	-2.944e-003	9.411e-003
54	-2.729e-003	7.147e-002	1.645e-003	-4.521e-003	3.431e-003	-9.405e-003
55	-1.505e-003	7.138e-002	2.612e-003	1.866e-002	7.403e-004	7.956e-003
56	1.574e-003	7.140e-002	3.917e-003	1.866e-002	-1.256e-005	-7.930e-003
57	-5.666e-003	7.146e-002	3.662e-003	-9.379e-003	4.550e-003	8.469e-003
58	5.705e-003	7.147e-002	4.726e-003	-1.034e-002	-4.053e-003	-8.407e-003
59	-8.744e-003	7.143e-002	-1.479e-003	-7.068e-003	8.360e-003	4.047e-003
60	8.788e-003	7.145e-002	-9.647e-004	-8.250e-003	-8.094e-003	-4.169e-003
61	-9.519e-003	7.131e-002	1.880e-003	2.636e-002	1.217e-002	-2.383e-004
62	9.713e-003	7.133e-002	2.029e-003	2.624e-002	-1.214e-002	-3.187e-004
63	-2.612e-003	3.565e-002	-1.451e-003	1.078e-001	1.468e-002	-9.275e-005
64	1.088e-003	3.454e-002	3.949e-003	1.149e-001	-1.764e-003	2.391e-003
65	2.237e-003	3.545e-002	2.293e-003	1.087e-001	-1.696e-002	2.966e-003
66	2.709e-003	3.561e-002	-1.602e-003	1.079e-001	-1.498e-002	-2.966e-005
67	-7.017e-004	3.453e-002	2.639e-003	1.149e-001	2.258e-003	-2.408e-003
68	-2.133e-003	3.548e-002	2.137e-003	1.085e-001	1.659e-002	-3.015e-003
69	-2.997e-003	-1.301e-002	7.157e-003	-2.222e-002	-1.754e-003	1.650e-003
70	-2.699e-003	-1.294e-002	-5.269e-003	-1.741e-002	-2.244e-003	-1.292e-003
71	2.424e-003	-1.280e-002	-1.681e-003	6.508e-002	2.820e-003	3.340e-003
72	2.711e-003	-1.290e-002	8.737e-003	-1.016e-002	1.458e-003	-2.715e-003
73	3.405e-003	-1.299e-002	-4.956e-004	-1.692e-002	9.654e-005	1.303e-003
74	2.278e-004	-1.305e-002	3.977e-003	4.769e-002	-1.265e-003	1.324e-002
75	-3.454e-003	-1.286e-002	2.567e-003	6.278e-002	-2.733e-003	6.419e-003
76	-2.490e-003	-1.281e-002	-1.839e-003	6.470e-002	-3.113e-003	-3.929e-003
77	-2.523e-003	-1.291e-002	8.161e-003	-1.133e-002	-1.823e-003	2.257e-003
78	-3.054e-003	-1.299e-002	-1.589e-003	-1.779e-002	-5.319e-004	-1.522e-003
79	1.813e-004	-1.305e-002	2.664e-003	4.765e-002	7.589e-004	-1.330e-002
80	3.350e-003	-1.301e-002	6.041e-003	-2.137e-002	1.273e-003	-1.352e-003
81	2.844e-003	-1.294e-002	-5.864e-003	-1.621e-002	1.787e-003	1.832e-003
82	3.343e-003	-1.285e-002	2.404e-003	6.318e-002	2.302e-003	-5.933e-003
83	2.300e-003	-2.416e-002	-1.771e-003	5.735e-002	-3.993e-003	9.708e-003
84	3.003e-003	-2.415e-002	2.594e-003	5.567e-002	-5.871e-003	-1.276e-002
85	-2.410e-003	-2.417e-002	-1.912e-003	5.702e-002	3.778e-003	-1.034e-002
86	2.232e-004	-2.372e-002	2.656e-003	5.170e-002	-3.036e-004	-2.511e-002
87	-3.185e-003	-2.412e-002	2.726e-003	5.537e-002	5.509e-003	1.325e-002
88	4.988e-005	-2.369e-002	3.912e-003	5.177e-002	-7.402e-004	2.502e-002
89	1.402e-003	-3.272e-002	-2.496e-003	3.836e-002	-7.499e-003	1.132e-002
90	8.634e-004	-3.270e-002	4.880e-003	-1.718e-003	-5.139e-003	-5.600e-003
91	3.495e-003	-3.264e-002	1.335e-003	-7.211e-003	-2.780e-003	-2.182e-003
92	-3.707e-005	-3.252e-002	3.855e-003	2.407e-002	-4.206e-004	2.004e-002
93	-3.398e-003	-3.261e-002	5.393e-003	-1.147e-002	2.912e-003	-2.658e-003
94	-7.184e-004	-3.266e-002	-9.251e-004	-8.494e-003	6.244e-003	-5.087e-003
95	-2.009e-003	-3.266e-002	3.675e-003	3.456e-002	9.576e-003	1.420e-002
96	-1.546e-003	-3.273e-002	-2.613e-003	3.783e-002	7.259e-003	-1.175e-002
97	-8.548e-004	-3.272e-002	4.358e-003	-2.728e-003	4.470e-003	5.380e-003
98	-3.423e-003	-3.265e-002	3.905e-004	-7.881e-003	1.682e-003	2.121e-003
99	1.163e-004	-3.255e-002	2.747e-003	2.404e-002	-1.107e-003	-2.002e-002
100	3.439e-003	-3.264e-002	4.443e-003	-1.078e-002	-4.029e-003	2.807e-003

Vettori modali 16 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
101	6.560e-004	-3.269e-002	-1.437e-003	-7.448e-003	-6.950e-003	5.372e-003
102	1.778e-003	-3.269e-002	3.579e-003	3.509e-002	-9.872e-003	-1.377e-002
103	-8.488e-004	-3.909e-002	5.176e-003	3.444e-002	9.808e-003	1.654e-002
104	5.900e-004	-3.912e-002	5.115e-003	3.480e-002	-1.000e-002	-1.627e-002
105	-3.326e-005	-3.875e-002	2.951e-003	2.475e-002	-1.526e-003	-2.265e-002
106	-9.684e-005	-3.873e-002	3.786e-003	2.478e-002	-5.462e-004	2.268e-002
107	-6.522e-004	-3.920e-002	-3.766e-003	3.789e-002	7.608e-003	-1.442e-002
108	4.818e-004	-3.920e-002	-3.682e-003	3.827e-002	-7.822e-003	1.421e-002
109	-2.343e-004	-4.398e-002	6.630e-003	2.945e-002	6.318e-003	1.153e-002
110	-1.442e-004	-4.386e-002	3.232e-003	1.926e-002	-1.593e-003	-1.577e-002
111	-1.476e-004	-4.386e-002	3.676e-003	1.927e-002	-7.582e-004	1.581e-002
112	-3.720e-005	-4.400e-002	6.599e-003	2.963e-002	-6.472e-003	-1.138e-002
113	-1.727e-004	-4.405e-002	-4.894e-003	3.346e-002	4.893e-003	-1.017e-002
114	-1.354e-005	-4.405e-002	-4.848e-003	3.365e-002	-5.115e-003	1.013e-002
115	-9.624e-005	-4.582e-002	-5.367e-003	2.594e-002	-1.400e-004	2.378e-005
116	-1.275e-004	-4.588e-002	1.516e-003	5.467e-003	-4.817e-004	8.467e-005
117	-1.612e-004	-4.589e-002	2.093e-003	-5.293e-004	-8.234e-004	4.952e-005
118	-1.752e-004	-4.582e-002	3.500e-003	9.221e-003	-1.165e-003	1.993e-005
119	-1.759e-004	-4.587e-002	4.410e-003	-3.074e-003	-8.095e-004	-2.562e-005
120	-1.526e-004	-4.586e-002	3.015e-003	2.344e-006	-4.539e-004	-6.107e-005
121	-1.379e-004	-4.578e-002	7.250e-003	2.106e-002	-9.830e-005	2.919e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.932e-004	2.017e-005	-4.792e-004	-1.261e-002	3.336e-001	1.795e-006
124	1.166e-005	2.325e-005	-3.638e-004	8.220e-003	-9.120e-003	2.551e-007
125	1.193e-004	1.577e-004	2.694e-003	1.047e-001	-1.085e-002	3.587e-007
126	1.291e-004	2.558e-004	2.498e-003	8.485e-003	-7.710e-003	5.773e-008
127	1.338e-004	2.520e-004	3.777e-003	-1.056e-002	6.149e-003	-2.776e-007
128	2.890e-008	9.644e-009	5.471e-010	5.028e-004	4.373e-002	-7.178e-007
129	3.104e-008	1.022e-010	-1.168e-009	1.282e-003	-4.344e-002	7.049e-009
130	-2.527e-005	1.257e-004	1.074e-005	9.796e-002	4.305e-002	1.175e-007
131	6.632e-009	-1.333e-009	-2.381e-012	-1.723e-002	-4.290e-002	-2.392e-007
132	-7.741e-004	9.033e-005	-1.215e-003	9.049e-003	3.375e-001	-7.457e-008
133	2.164e-004	6.239e-005	-5.468e-004	-9.070e-003	-6.394e-002	1.384e-007
134	7.629e-005	1.729e-004	7.053e-004	-1.321e-003	-2.618e-002	4.913e-008
135	7.900e-004	1.424e-004	1.819e-003	1.848e-002	-3.330e-001	-2.765e-007
136	9.005e-005	1.754e-004	2.356e-003	1.269e-004	8.102e-003	-2.741e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.194e-004	1.577e-004	2.694e-003	-1.465e-001	-1.540e-002	-7.108e-007
139	1.291e-004	2.558e-004	2.498e-003	-8.454e-003	-1.232e-002	2.216e-008
140	1.338e-004	2.521e-004	3.777e-003	1.949e-002	1.068e-002	4.058e-007
141	-4.362e-004	4.116e-004	8.451e-004	1.550e-004	4.654e-001	-2.653e-006
142	1.652e-005	3.796e-004	9.624e-004	-2.980e-002	6.614e-003	-5.805e-007
143	9.005e-005	1.755e-004	2.356e-003	-8.919e-004	1.270e-002	3.323e-007
144	3.711e-005	2.996e-004	3.518e-003	1.256e-002	-2.336e-002	-2.251e-007
145	1.097e-003	3.168e-004	4.617e-003	-1.621e-002	-4.668e-001	4.776e-007
146	-1.160e-003	3.513e-004	3.504e-003	-1.270e-002	4.842e-001	1.457e-007
147	3.000e-004	3.680e-004	4.173e-003	1.450e-002	-8.215e-002	-1.661e-007
148	4.235e-008	4.104e-004	5.305e-010	-2.122e-002	6.127e-002	6.853e-007
149	4.471e-008	2.229e-004	-1.843e-009	-5.153e-004	-6.085e-002	1.138e-007
150	-3.790e-005	1.040e-004	2.877e-005	-1.613e-001	6.014e-002	-2.961e-007
151	9.872e-009	3.812e-004	-1.353e-010	5.527e-003	-5.984e-002	2.418e-007

Vettori modali 17 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.865e-003	6.183e-004	-1.430e-001	1.329e-001	8.331e-001	2.399e-006
2	1.998e-003	-1.046e-003	-1.720e-001	-3.349e-001	-6.546e-001	-2.047e-006

Vettori modali 17 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
3	-4.899e-004	1.183e-003	2.945e-002	3.080e-001	2.051e-001	1.027e-006
4	2.541e-003	-2.189e-004	-1.480e-001	-4.378e-002	-9.922e-001	-3.632e-006
5	-1.569e-003	-1.425e-005	9.241e-004	1.151e-002	-5.336e-003	1.909e-002
6	3.309e-005	-1.242e-006	1.432e-003	1.778e-002	7.312e-003	-2.586e-004
7	2.654e-003	2.799e-004	-1.537e-001	4.327e-002	-1.029e+000	3.249e-006
8	-5.126e-004	-1.177e-003	3.093e-002	-3.156e-001	2.077e-001	-6.630e-007
9	2.091e-003	1.181e-003	-1.791e-001	3.469e-001	-6.785e-001	1.792e-006
10	-1.942e-003	-5.796e-004	-1.477e-001	-1.417e-001	8.614e-001	-1.586e-006
11	5.486e-004	4.881e-005	1.137e-002	3.994e-005	-8.216e-003	3.761e-005
12	5.452e-004	5.621e-005	1.046e-002	-2.710e-004	2.686e-003	8.058e-006
13	6.315e-004	3.485e-005	1.605e-002	-2.674e-004	-1.051e-002	1.010e-004
14	-1.525e-003	2.301e-004	6.169e-004	-7.700e-003	2.131e-003	-1.850e-002
15	4.316e-005	1.499e-004	1.123e-003	-1.396e-002	-2.666e-004	3.651e-004
16	0.000e+000	0.000e+000	0.000e+000	1.157e-002	1.686e-004	1.788e-002
17	0.000e+000	0.000e+000	0.000e+000	4.770e-003	-4.047e-004	-6.928e-004
18	-1.208e-004	5.915e-004	8.978e-005	9.164e-003	-2.252e-004	2.276e-003
19	0.000e+000	0.000e+000	0.000e+000	1.795e-002	4.293e-004	-8.640e-004
20	-4.229e-003	1.411e-005	5.347e-003	9.479e-003	-2.963e-003	-4.729e-003
21	6.273e-004	-7.797e-005	2.854e-003	7.604e-003	-1.441e-001	2.291e-004
22	1.150e-003	-1.361e-004	8.272e-003	1.445e-002	2.042e-003	-6.836e-003
23	2.025e-004	3.533e-005	9.179e-003	5.372e-003	-1.384e-004	-5.981e-003
24	-8.053e-005	-8.633e-005	7.151e-003	8.830e-003	1.121e-001	2.596e-004
25	4.199e-003	-9.976e-005	1.401e-002	8.127e-003	-4.232e-003	2.462e-003
26	4.103e-004	2.989e-005	9.908e-003	1.936e-004	-3.948e-003	3.506e-005
27	2.037e-004	9.452e-005	8.532e-003	-6.930e-003	2.491e-003	5.782e-003
28	-8.317e-005	1.323e-004	7.316e-003	-8.618e-003	1.106e-001	-2.299e-004
29	4.076e-003	1.853e-004	1.337e-002	-9.694e-003	-6.901e-003	-2.440e-003
30	-4.080e-003	1.522e-004	4.257e-003	-9.246e-003	2.295e-003	4.613e-003
31	5.971e-004	9.202e-005	3.027e-003	-7.792e-003	-1.361e-001	-2.365e-004
32	1.140e-003	2.472e-004	7.176e-003	-1.422e-002	-3.295e-003	6.608e-003
33	0.000e+000	2.337e-004	0.000e+000	-7.716e-003	2.052e-004	-1.745e-002
34	0.000e+000	-4.783e-005	0.000e+000	-5.189e-003	-3.869e-004	6.770e-004
35	-1.205e-004	-5.589e-004	8.365e-005	-8.151e-003	-2.011e-004	-1.811e-003
36	0.000e+000	1.624e-004	0.000e+000	-1.407e-002	3.668e-004	1.007e-003
37	-4.069e-003	-8.053e-003	1.095e-003	1.814e-002	-3.941e-003	1.548e-002
38	3.561e-003	-9.456e-003	1.648e-003	1.819e-002	6.055e-003	-2.157e-003
39	-1.175e-003	-5.178e-003	1.064e-002	1.763e-002	-7.728e-003	-6.026e-004
40	-5.533e-005	-5.192e-003	1.628e-002	1.760e-002	5.568e-003	6.772e-004
41	-4.079e-004	-3.672e-003	6.393e-004	1.864e-002	2.348e-003	-1.533e-002
42	-1.011e-004	-2.322e-003	1.190e-003	1.852e-002	-3.403e-004	2.514e-003
43	-4.843e-003	-1.541e-002	1.264e-003	9.785e-003	1.141e-003	1.187e-002
44	5.266e-003	-1.608e-002	1.862e-003	7.544e-003	3.741e-004	-4.055e-003
45	-5.217e-003	-1.378e-002	1.080e-002	1.408e-002	-6.909e-003	-1.213e-003
46	3.996e-003	-1.377e-002	1.647e-002	1.405e-002	8.746e-003	1.253e-003
47	7.003e-004	-1.350e-002	6.608e-004	1.689e-002	2.042e-003	-1.216e-002
48	-3.185e-004	-1.283e-002	1.256e-003	1.903e-002	-5.776e-004	4.662e-003
49	-2.774e-003	-1.667e-002	1.440e-003	-4.771e-003	6.535e-003	8.080e-003
50	3.634e-003	-1.666e-002	2.083e-003	-4.270e-003	-6.469e-003	-6.045e-003
51	-5.991e-003	-1.669e-002	3.689e-003	1.117e-002	5.420e-003	4.882e-003
52	6.270e-003	-1.668e-002	5.931e-003	1.635e-002	-4.318e-003	-4.310e-003
53	-7.135e-003	-1.670e-002	9.282e-003	9.791e-003	4.305e-003	2.690e-005
54	7.320e-003	-1.668e-002	1.394e-002	1.399e-002	-2.167e-003	-7.714e-005
55	-6.486e-003	-1.668e-002	1.095e-002	-4.335e-003	3.189e-003	-1.854e-003
56	6.706e-003	-1.666e-002	1.666e-002	-4.341e-003	-1.566e-005	1.858e-003
57	-5.162e-003	-1.670e-002	8.558e-003	-6.365e-003	2.559e-003	-4.189e-003

Vettori modali 17 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
58	5.345e-003	-1.668e-002	1.321e-002	-1.055e-002	-4.063e-004	4.245e-003
59	-2.381e-003	-1.669e-002	4.825e-003	-9.005e-003	1.928e-003	-7.406e-003
60	2.650e-003	-1.667e-002	7.073e-003	-1.418e-002	-7.969e-004	6.871e-003
61	1.568e-003	-1.666e-002	6.822e-004	-7.531e-003	1.298e-003	-8.843e-003
62	-7.520e-004	-1.664e-002	1.323e-003	-8.073e-003	-1.187e-003	6.915e-003
63	-2.527e-004	-7.913e-003	2.231e-003	-2.719e-002	-8.538e-003	-6.844e-003
64	4.656e-003	-8.066e-003	1.679e-002	-2.680e-002	-7.489e-003	-5.635e-004
65	-1.373e-003	-8.699e-003	1.357e-003	-2.333e-002	-1.096e-003	6.177e-003
66	7.208e-004	-8.084e-003	1.560e-003	-2.656e-002	7.015e-003	6.773e-003
67	-3.032e-003	-8.084e-003	1.106e-002	-2.680e-002	9.700e-003	5.656e-004
68	1.836e-003	-8.571e-003	6.889e-004	-2.397e-002	-3.168e-004	-6.035e-003
69	1.640e-003	2.987e-003	1.327e-002	-6.690e-003	-3.327e-003	3.955e-004
70	6.783e-004	2.929e-003	9.005e-003	-1.220e-002	-1.231e-003	3.505e-003
71	-2.891e-003	3.108e-003	2.383e-003	-1.007e-002	-4.502e-004	-7.684e-003
72	-6.125e-004	3.090e-003	5.731e-003	1.863e-002	-2.108e-003	-2.585e-003
73	1.287e-004	3.068e-003	1.505e-002	1.583e-002	-3.765e-003	-1.116e-003
74	9.904e-004	3.041e-003	1.691e-002	-1.113e-002	-5.423e-003	-3.109e-003
75	-1.487e-003	2.868e-003	1.391e-003	-1.979e-002	8.648e-004	5.402e-003
76	2.513e-003	3.059e-003	1.684e-003	-1.179e-002	-1.169e-003	5.399e-003
77	1.325e-003	3.051e-003	3.170e-003	1.345e-002	3.085e-004	4.482e-004
78	1.378e-003	3.039e-003	1.022e-002	1.209e-002	1.786e-003	2.664e-006
79	7.622e-004	3.023e-003	1.117e-002	-1.113e-002	3.263e-003	3.109e-003
80	-1.154e-004	2.980e-003	8.441e-003	-2.939e-003	1.380e-003	6.565e-004
81	8.019e-005	2.933e-003	6.452e-003	-7.015e-003	-5.023e-004	-1.412e-003
82	1.159e-003	2.882e-003	6.949e-004	-1.810e-002	-2.385e-003	-3.084e-003
83	-2.533e-003	5.546e-003	2.562e-003	-8.972e-003	4.346e-003	-1.019e-002
84	6.518e-004	5.654e-003	9.133e-004	-1.600e-002	-3.336e-003	-2.389e-003
85	1.900e-003	5.584e-003	1.967e-003	-1.034e-002	-5.634e-003	7.804e-003
86	9.433e-004	5.516e-003	1.113e-002	-1.209e-002	-1.299e-003	5.873e-003
87	-1.220e-003	5.714e-003	1.514e-003	-1.736e-002	2.125e-003	4.827e-003
88	2.229e-004	5.525e-003	1.663e-002	-1.209e-002	-3.227e-003	-5.856e-003
89	-1.697e-003	7.485e-003	3.235e-003	-4.488e-004	6.419e-003	-9.089e-003
90	1.099e-004	7.530e-003	7.728e-003	1.558e-002	3.646e-003	1.556e-004
91	-6.075e-004	7.564e-003	1.476e-002	1.121e-002	8.737e-004	1.563e-003
92	-1.612e-004	7.588e-003	1.637e-002	-5.616e-003	-1.899e-003	-4.690e-003
93	1.016e-003	7.660e-003	1.382e-002	-6.845e-003	-4.612e-004	-4.646e-004
94	5.059e-004	7.720e-003	9.086e-003	-1.320e-002	9.767e-004	2.321e-003
95	-8.688e-004	7.770e-003	1.794e-003	-1.659e-002	2.415e-003	3.129e-003
96	8.793e-004	7.534e-003	2.773e-003	-2.767e-003	-7.599e-003	7.236e-003
97	-2.422e-004	7.560e-003	5.473e-003	1.107e-002	-6.655e-003	-1.231e-003
98	8.319e-004	7.576e-003	1.062e-002	8.227e-003	-5.710e-003	-2.013e-003
99	4.838e-004	7.581e-003	1.152e-002	-5.629e-003	-4.766e-003	4.681e-003
100	-7.642e-004	7.633e-003	9.671e-003	-3.866e-003	-4.366e-003	8.325e-004
101	-5.744e-004	7.675e-003	6.824e-003	-8.693e-003	-3.965e-003	-1.304e-003
102	1.255e-004	7.706e-003	1.321e-003	-1.429e-002	-3.564e-003	-1.256e-003
103	-6.043e-004	9.365e-003	2.146e-003	-1.661e-002	2.145e-003	1.339e-003
104	-2.575e-004	9.294e-003	1.824e-003	-1.502e-002	-3.045e-003	-2.910e-004
105	-1.622e-004	9.034e-003	1.241e-002	-5.799e-003	-6.596e-003	5.307e-003
106	-4.303e-004	9.039e-003	1.606e-002	-5.782e-003	-2.469e-003	-5.296e-003
107	6.884e-006	8.966e-003	3.908e-003	-1.984e-003	-7.178e-003	7.492e-003
108	-9.438e-004	8.904e-003	4.218e-003	-3.768e-004	6.288e-003	-8.513e-003
109	-4.819e-004	1.041e-002	2.451e-003	-1.625e-002	1.201e-003	4.383e-004
110	-6.433e-004	1.023e-002	1.362e-002	-4.511e-003	-6.917e-003	3.700e-003
111	-6.576e-004	1.023e-002	1.557e-002	-4.500e-003	-3.385e-003	-3.685e-003
112	-4.430e-004	1.038e-002	2.277e-003	-1.545e-002	-2.044e-003	-8.206e-006

Vettori modali 17 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
113	-4.379e-004	1.016e-002	4.973e-003	6.921e-004	-4.701e-003	5.076e-003
114	-5.604e-004	1.013e-002	5.139e-003	1.504e-003	3.894e-003	-5.482e-003
115	-5.107e-004	1.060e-002	5.484e-003	4.804e-003	-5.129e-004	-4.903e-006
116	-6.165e-004	1.065e-002	9.775e-003	1.088e-002	-2.044e-003	3.329e-004
117	-7.475e-004	1.068e-002	1.402e-002	5.763e-003	-3.575e-003	1.739e-004
118	-7.787e-004	1.069e-002	1.479e-002	-2.159e-003	-5.106e-003	-6.127e-007
119	-7.362e-004	1.073e-002	1.348e-002	-4.928e-003	-3.583e-003	-2.122e-004
120	-5.872e-004	1.076e-002	9.418e-003	-1.217e-002	-2.059e-003	-3.643e-004
121	-4.745e-004	1.077e-002	2.527e-003	-1.580e-002	-5.350e-004	1.037e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.570e-003	-1.426e-005	9.241e-004	-2.625e-002	1.724e+000	8.668e-006
124	3.306e-005	-1.217e-006	1.432e-003	9.141e-002	2.492e-002	2.451e-006
125	5.486e-004	4.893e-005	1.137e-002	5.445e-001	-5.817e-002	2.328e-006
126	5.452e-004	5.622e-005	1.046e-002	3.627e-002	-4.487e-002	-2.696e-007
127	6.315e-004	3.482e-005	1.605e-002	-7.299e-002	3.780e-002	-9.679e-007
128	1.480e-007	1.884e-008	1.177e-009	4.947e-002	2.226e-001	-3.940e-006
129	1.579e-007	-4.043e-008	-6.586e-009	3.577e-003	-2.211e-001	1.031e-007
130	-1.209e-004	5.915e-004	8.979e-005	6.136e-001	2.186e-001	6.361e-007
131	4.377e-008	-2.776e-008	-1.071e-009	-5.449e-002	-2.175e-001	-1.145e-006
132	-4.229e-003	1.411e-005	5.347e-003	4.688e-002	1.787e+000	-6.147e-007
133	1.150e-003	-1.362e-004	8.272e-003	-5.876e-002	-3.105e-001	6.949e-007
134	2.025e-004	3.533e-005	9.179e-003	-3.122e-002	-1.061e-001	8.929e-007
135	4.199e-003	-9.977e-005	1.401e-002	8.151e-002	-1.752e+000	-1.659e-006
136	4.102e-004	2.985e-005	9.908e-003	2.346e-003	4.638e-002	-1.359e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	5.486e-004	4.870e-005	1.137e-002	-5.243e-001	-5.639e-002	-2.490e-006
139	5.452e-004	5.620e-005	1.046e-002	-3.509e-002	-4.307e-002	2.296e-007
140	6.315e-004	3.488e-005	1.605e-002	6.963e-002	3.603e-002	1.345e-006
141	-1.525e-003	2.301e-004	6.169e-004	2.796e-002	1.660e+000	-9.018e-006
142	4.313e-005	1.499e-004	1.123e-003	-8.507e-002	2.159e-002	-2.522e-006
143	4.102e-004	2.993e-005	9.908e-003	-1.900e-003	4.458e-002	1.461e-006
144	2.037e-004	9.451e-005	8.532e-003	2.746e-002	-1.070e-001	-1.044e-006
145	4.076e-003	1.853e-004	1.337e-002	-8.073e-002	-1.692e+000	1.764e-006
146	-4.080e-003	1.522e-004	4.257e-003	-4.487e-002	1.714e+000	5.785e-007
147	1.140e-003	2.472e-004	7.176e-003	5.617e-002	-3.040e-001	-7.092e-007
148	1.456e-007	2.337e-004	1.271e-009	-4.344e-002	2.148e-001	2.454e-006
149	1.543e-007	-4.778e-005	-6.443e-009	-4.105e-003	-2.133e-001	4.206e-007
150	-1.206e-004	-5.589e-004	8.366e-005	-5.933e-001	2.110e-001	-9.600e-007
151	4.053e-008	1.625e-004	-9.195e-010	5.598e-002	-2.099e-001	8.599e-007

Vettori modali 18 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.139e-003	-1.099e-003	2.898e-002	-2.882e-001	-3.581e-001	-3.767e-006
2	3.827e-004	-7.001e-004	-3.224e-002	-6.561e-002	-1.435e-001	1.792e-007
3	-2.842e-003	-3.398e-003	-2.722e-001	-6.958e-001	8.904e-001	1.581e-005
4	1.221e-003	-1.250e-003	-6.848e-002	-3.665e-001	-5.307e-001	-1.997e-006
5	6.716e-004	8.172e-006	4.921e-005	6.008e-004	-1.556e-004	-7.464e-003
6	-1.249e-003	2.658e-005	1.768e-004	2.150e-003	7.472e-004	1.621e-002
7	-9.893e-004	-1.055e-003	6.044e-002	-3.261e-001	4.677e-001	-1.347e-006
8	2.637e-003	-3.134e-003	2.417e-001	-6.119e-001	-7.924e-001	1.033e-005
9	-1.391e-004	-5.504e-004	2.800e-002	-5.681e-002	1.236e-001	1.806e-008
10	-7.360e-004	-1.081e-003	-2.568e-002	-2.616e-001	3.215e-001	-2.430e-006
11	1.748e-004	1.287e-004	1.077e-004	-5.721e-003	-2.511e-004	9.710e-004
12	1.699e-004	-3.354e-004	1.585e-004	-3.171e-004	2.074e-004	-6.128e-004
13	1.705e-004	-4.403e-004	2.607e-004	-1.051e-003	-3.523e-004	1.675e-003
14	-7.271e-004	-2.935e-004	-2.285e-005	2.745e-004	-3.165e-004	-8.057e-003

Vettori modali 18 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
15	1.439e-003	3.839e-004	-1.472e-004	1.776e-003	-7.169e-004	1.864e-002
16	0.000e+000	0.000e+000	0.000e+000	6.231e-004	4.449e-004	-8.406e-003
17	0.000e+000	0.000e+000	0.000e+000	1.071e-002	-8.972e-004	8.878e-003
18	4.131e-004	2.732e-003	1.877e-004	7.885e-003	-4.417e-004	3.903e-003
19	0.000e+000	0.000e+000	0.000e+000	2.240e-003	8.240e-004	1.151e-002
20	1.101e-003	-1.023e-004	2.506e-004	2.949e-004	-4.821e-005	2.281e-003
21	1.326e-003	-4.093e-004	4.122e-003	3.297e-003	-4.169e-001	-3.544e-003
22	-2.933e-003	-4.369e-004	8.265e-004	7.078e-004	4.220e-004	-5.334e-003
23	1.447e-004	-2.032e-004	2.776e-004	-1.325e-004	7.959e-005	9.789e-004
24	4.990e-004	-4.567e-004	3.540e-003	-4.949e-003	-6.924e-002	2.304e-003
25	7.540e-004	-2.291e-004	7.219e-004	-7.630e-004	3.487e-005	-3.740e-003
26	1.763e-004	-4.008e-004	6.805e-005	-8.056e-003	-7.248e-005	1.228e-003
27	1.468e-004	-3.076e-004	-1.337e-007	-3.014e-004	2.291e-005	1.283e-003
28	-2.137e-004	-4.694e-004	-3.567e-003	-5.455e-003	7.801e-002	2.787e-003
29	-5.149e-004	-9.890e-005	-2.913e-004	-1.117e-003	-4.807e-004	-3.957e-003
30	-1.067e-003	-3.137e-004	-9.458e-005	4.085e-006	-1.616e-004	2.899e-003
31	-1.281e-003	-4.157e-004	-4.324e-003	3.224e-003	4.675e-001	-3.631e-003
32	3.475e-003	-2.272e-004	-6.190e-004	2.394e-004	-6.091e-004	-5.675e-003
33	0.000e+000	-3.233e-004	0.000e+000	2.920e-004	-5.043e-004	-9.072e-003
34	0.000e+000	5.652e-005	0.000e+000	1.135e-002	1.011e-003	1.045e-002
35	-4.644e-004	3.228e-003	-2.116e-004	8.191e-003	4.977e-004	4.816e-003
36	0.000e+000	3.719e-004	0.000e+000	1.872e-003	-9.280e-004	1.339e-002
37	5.380e-004	-1.437e-006	4.942e-005	-4.141e-004	-4.383e-004	-5.323e-003
38	-8.442e-004	-4.069e-004	1.801e-004	-1.896e-004	9.777e-004	1.168e-002
39	1.170e-004	-5.874e-005	1.647e-004	-7.186e-004	-3.520e-004	-2.466e-004
40	1.263e-004	3.254e-005	2.677e-004	-8.324e-004	8.482e-005	7.910e-004
41	-8.104e-004	-1.870e-004	-1.800e-005	-6.008e-004	1.087e-004	-5.882e-003
42	1.041e-003	-2.361e-005	-1.439e-004	5.489e-005	-1.017e-003	1.350e-002
43	2.411e-004	2.704e-004	4.953e-005	-5.429e-004	-7.163e-004	-3.181e-003
44	-2.902e-004	-2.001e-005	1.830e-004	-1.107e-003	1.191e-003	7.150e-003
45	-9.617e-005	2.786e-004	1.706e-004	-5.526e-004	-4.220e-004	1.196e-004
46	1.793e-004	3.432e-004	2.741e-004	-3.975e-004	6.691e-005	-9.314e-005
47	-5.678e-004	1.751e-004	-1.312e-005	-7.285e-004	8.528e-004	-3.707e-003
48	4.249e-004	1.563e-004	-1.403e-004	-6.078e-004	-1.401e-003	8.352e-003
49	-1.049e-004	4.115e-004	4.952e-005	1.002e-004	-5.155e-004	-9.347e-004
50	2.345e-004	4.170e-004	1.856e-004	-2.789e-004	6.883e-004	2.397e-003
51	1.226e-004	4.123e-004	1.041e-004	1.116e-004	-3.303e-004	-7.529e-005
52	-4.329e-004	4.199e-004	1.615e-004	1.064e-004	3.766e-004	4.920e-004
53	2.243e-005	4.124e-004	1.460e-004	6.479e-005	-1.450e-004	4.289e-004
54	-3.316e-004	4.220e-004	2.322e-004	1.489e-004	6.481e-005	-7.773e-004
55	-2.157e-004	4.116e-004	1.764e-004	8.747e-005	4.018e-005	5.036e-004
56	1.410e-004	4.232e-004	2.801e-004	4.978e-005	-2.469e-004	-1.020e-003
57	-4.587e-004	4.114e-004	1.631e-004	-1.351e-004	3.966e-004	3.729e-004
58	6.195e-004	4.231e-004	2.210e-004	-2.864e-004	-4.901e-004	-7.388e-004
59	-4.631e-004	4.103e-004	6.972e-005	-2.229e-004	7.531e-004	-4.271e-004
60	6.418e-004	4.221e-004	3.918e-005	-4.314e-004	-7.332e-004	8.015e-004
61	-2.308e-005	4.085e-004	-7.964e-006	-5.709e-005	1.110e-003	-1.426e-003
62	-2.362e-004	4.203e-004	-1.362e-004	-2.524e-004	-9.763e-004	2.956e-003
63	3.958e-004	3.580e-004	1.866e-004	4.377e-004	1.740e-006	1.513e-003
64	-3.164e-005	2.977e-004	2.847e-004	4.228e-004	-4.071e-004	-4.652e-004
65	-4.978e-004	3.368e-004	-1.328e-004	4.835e-004	-9.609e-005	1.791e-003
66	-2.528e-004	2.192e-004	4.915e-005	6.317e-004	-1.011e-004	-5.293e-004
67	-1.094e-004	1.932e-004	1.807e-004	6.965e-004	3.321e-004	9.475e-005
68	4.429e-004	2.200e-004	-3.829e-006	7.028e-004	7.472e-004	-9.455e-004
69	-1.811e-004	1.051e-004	2.115e-004	-4.663e-004	2.478e-004	-2.917e-005

Vettori modali 18 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
70	-1.753e-004	1.052e-004	-4.525e-005	-4.871e-004	5.466e-004	5.910e-005
71	2.562e-004	1.137e-004	1.872e-004	3.852e-004	-4.948e-004	5.844e-004
72	3.486e-005	1.110e-004	2.929e-004	6.554e-005	-3.469e-004	3.631e-004
73	-9.630e-005	1.080e-004	2.765e-004	-8.154e-005	-1.989e-004	1.973e-004
74	-1.657e-004	1.048e-004	2.889e-004	2.348e-004	-5.095e-005	1.184e-004
75	-3.030e-004	1.050e-004	-1.289e-004	2.574e-004	8.454e-004	5.653e-004
76	-1.983e-004	-9.036e-005	4.865e-005	4.866e-004	2.926e-004	-1.030e-004
77	-1.692e-004	-9.127e-005	1.719e-004	6.775e-005	2.114e-004	-6.183e-005
78	-1.134e-004	-9.199e-005	1.583e-004	-6.259e-005	1.302e-004	-1.873e-004
79	1.161e-005	-9.253e-005	1.848e-004	2.643e-004	4.904e-005	-3.351e-004
80	2.060e-004	-9.223e-005	1.647e-004	-2.743e-004	-5.318e-005	-4.400e-004
81	4.008e-004	-9.174e-005	9.664e-006	-2.775e-004	-1.554e-004	-3.719e-004
82	5.797e-004	-9.107e-005	5.263e-007	3.437e-004	-2.576e-004	-4.408e-004
83	1.601e-004	1.464e-005	1.479e-004	3.369e-004	-5.833e-004	4.340e-004
84	4.962e-004	-1.773e-004	3.655e-005	2.727e-004	-6.666e-004	-3.847e-004
85	-1.377e-004	-1.798e-004	2.337e-005	4.664e-004	3.807e-004	-4.760e-005
86	9.580e-007	-1.715e-004	1.907e-004	3.117e-004	-1.683e-004	-3.450e-004
87	-1.277e-004	1.403e-005	-5.586e-005	2.947e-004	1.120e-003	5.224e-004
88	-1.586e-004	2.207e-005	2.930e-004	4.653e-004	1.258e-004	2.872e-004
89	7.282e-005	-7.853e-005	8.162e-005	3.338e-004	-5.570e-004	3.241e-004
90	-2.832e-005	-7.692e-005	1.960e-004	1.502e-004	-3.020e-004	1.258e-004
91	-6.983e-005	-7.516e-005	2.402e-004	7.039e-005	-4.696e-005	7.689e-005
92	-1.326e-004	-7.324e-005	3.142e-004	3.172e-004	2.081e-004	2.275e-004
93	-9.717e-005	-7.364e-005	3.255e-004	-2.296e-004	5.120e-004	-2.915e-004
94	5.439e-005	-7.390e-005	1.606e-004	-3.724e-004	8.160e-004	-2.467e-004
95	4.402e-005	-7.400e-005	7.595e-005	1.372e-004	1.120e-003	3.835e-004
96	-8.059e-005	-2.487e-004	-2.004e-005	4.196e-004	3.602e-004	1.228e-005
97	-1.066e-004	-2.479e-004	1.255e-004	1.985e-004	1.386e-004	5.982e-005
98	-1.100e-004	-2.466e-004	1.809e-004	5.984e-005	-8.299e-005	-6.509e-005
99	-3.523e-005	-2.447e-004	2.199e-004	1.603e-004	-3.046e-004	-2.518e-004
100	1.087e-004	-2.452e-004	2.368e-004	-8.360e-005	-4.824e-004	-3.264e-004
101	2.542e-004	-2.452e-004	1.646e-004	-1.764e-004	-6.601e-004	-2.766e-004
102	3.802e-004	-2.447e-004	1.260e-004	8.690e-005	-8.379e-004	-2.878e-004
103	1.651e-004	-1.605e-004	2.322e-004	1.810e-004	9.291e-004	4.791e-004
104	2.837e-004	-2.883e-004	2.509e-004	7.380e-005	-7.858e-004	-1.618e-004
105	-7.326e-005	-2.896e-004	2.703e-004	1.925e-004	-3.466e-004	-8.287e-005
106	-1.100e-004	-1.633e-004	3.444e-004	4.035e-004	1.791e-004	3.717e-004
107	-4.178e-005	-2.961e-004	-6.952e-005	4.511e-004	2.857e-004	3.600e-005
108	1.124e-005	-1.706e-004	2.591e-006	4.019e-004	-4.834e-004	3.228e-004
109	2.200e-004	-2.504e-004	3.617e-004	1.157e-004	5.295e-004	3.892e-004
110	-9.632e-005	-3.089e-004	3.271e-004	2.371e-004	-2.825e-004	3.107e-005
111	-1.006e-004	-2.558e-004	3.678e-004	3.853e-004	7.297e-005	3.209e-004
112	2.354e-004	-3.089e-004	3.649e-004	3.233e-005	-4.862e-004	-2.707e-005
113	-2.604e-005	-3.184e-004	-1.055e-004	4.578e-004	1.172e-004	9.156e-005
114	-1.891e-005	-2.535e-004	-6.805e-005	4.373e-004	-3.163e-004	2.670e-004
115	-2.495e-005	-3.057e-004	-1.074e-004	4.480e-004	-1.001e-004	1.650e-004
116	-7.829e-005	-3.059e-004	9.146e-005	3.776e-004	-1.030e-004	6.118e-005
117	-8.996e-005	-3.054e-004	2.439e-004	2.676e-004	-1.060e-004	2.273e-006
118	-1.011e-004	-3.043e-004	3.655e-004	2.891e-004	-1.090e-004	7.422e-005
119	-1.527e-005	-3.039e-004	4.806e-004	1.367e-004	-7.234e-005	-3.596e-004
120	1.651e-004	-3.028e-004	4.763e-004	-1.337e-004	-3.571e-005	-3.226e-004
121	2.279e-004	-3.011e-004	4.126e-004	-3.321e-005	9.254e-007	1.088e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	6.717e-004	8.200e-006	4.921e-005	3.355e-002	-8.107e-001	-2.925e-006
124	-1.250e-003	2.669e-005	1.768e-004	3.190e-001	2.042e+000	1.687e-005

Vettori modali 18 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
125	1.748e-004	1.287e-004	1.077e-004	2.959e-001	-2.527e-003	5.920e-007
126	1.699e-004	-3.354e-004	1.585e-004	-3.284e-002	-2.549e-003	6.852e-008
127	1.705e-004	-4.404e-004	2.607e-004	-3.141e-001	1.769e-003	-1.848e-006
128	-4.304e-008	-3.033e-008	1.974e-010	-3.258e-002	-2.472e-001	1.110e-006
129	-1.046e-007	-7.958e-008	-2.557e-010	1.454e-002	2.467e-001	-3.466e-006
130	4.133e-004	2.732e-003	1.877e-004	2.301e+000	-2.510e-001	-1.926e-006
131	2.010e-007	-9.881e-008	-3.603e-009	-3.116e-001	2.562e-001	-3.299e-006
132	1.101e-003	-1.023e-004	2.506e-004	-3.241e-002	-2.927e-001	8.063e-007
133	-2.933e-003	-4.370e-004	8.265e-004	-3.138e-001	1.402e+000	3.761e-006
134	1.447e-004	-2.032e-004	2.776e-004	3.238e-002	5.991e-002	-1.117e-007
135	7.540e-004	-2.290e-004	7.219e-004	3.126e-001	-4.511e-001	-1.806e-007
136	1.763e-004	-4.008e-004	6.805e-005	-8.944e-003	2.828e-003	-9.710e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.748e-004	1.287e-004	1.077e-004	3.267e-001	1.851e-003	7.511e-007
139	1.699e-004	-3.354e-004	1.585e-004	-3.675e-002	3.140e-003	1.959e-007
140	1.705e-004	-4.404e-004	2.607e-004	-3.550e-001	-2.392e-003	-2.790e-006
141	-7.272e-004	-2.935e-004	-2.285e-005	3.729e-002	9.189e-001	-3.122e-006
142	1.440e-003	3.840e-004	-1.472e-004	3.601e-001	-2.300e+000	2.018e-005
143	1.763e-004	-4.008e-004	6.805e-005	-9.085e-003	-2.905e-003	-1.547e-007
144	1.468e-004	-3.076e-004	-1.332e-007	3.615e-002	-6.781e-002	-4.179e-007
145	-5.149e-004	-9.883e-005	-2.913e-004	3.532e-001	4.996e-001	4.972e-008
146	-1.067e-003	-3.137e-004	-9.458e-005	-3.671e-002	3.393e-001	1.518e-006
147	3.475e-003	-2.273e-004	-6.190e-004	-3.555e-001	-1.574e+000	4.344e-006
148	4.839e-008	-3.234e-004	-5.745e-010	-3.718e-002	2.777e-001	8.425e-007
149	1.197e-007	5.643e-005	2.918e-010	1.560e-002	-2.771e-001	-5.732e-006
150	-4.646e-004	3.228e-003	-2.116e-004	2.599e+000	2.819e-001	-3.357e-006
151	-2.268e-007	3.717e-004	4.274e-009	-3.528e-001	-2.878e-001	-2.862e-006

Vettori modali 19 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-5.975e-004	2.184e-004	-2.532e-002	2.286e-001	2.923e-001	3.103e-006
2	-1.656e-004	-4.334e-005	2.981e-002	7.430e-002	1.349e-001	-4.778e-007
3	2.608e-003	2.372e-003	2.402e-001	6.405e-001	-7.804e-001	-1.423e-005
4	-1.068e-003	4.083e-004	6.412e-002	3.326e-001	4.963e-001	1.940e-006
5	7.991e-004	1.403e-005	-2.299e-004	-2.862e-003	2.042e-003	-8.914e-003
6	-1.388e-003	2.459e-005	-2.242e-004	-2.830e-003	-2.454e-003	1.801e-002
7	-1.173e-003	-1.201e-003	7.159e-002	-3.748e-001	5.546e-001	-1.676e-006
8	2.959e-003	-3.603e-003	2.709e-001	-7.183e-001	-8.799e-001	1.180e-005
9	-1.558e-004	-6.610e-004	3.287e-002	-8.150e-002	1.484e-001	3.411e-007
10	-6.844e-004	-1.186e-003	-2.876e-002	-2.622e-001	3.344e-001	-2.402e-006
11	3.592e-004	-3.938e-004	-1.651e-003	-3.310e-004	3.785e-003	-8.613e-005
12	3.630e-004	-3.119e-004	-2.908e-003	-1.599e-005	-3.934e-003	-6.708e-005
13	3.602e-004	-4.774e-004	-4.009e-003	-5.509e-005	5.444e-003	8.577e-005
14	7.041e-004	-4.957e-004	-2.272e-004	2.826e-003	1.767e-003	7.887e-003
15	-1.241e-003	-9.968e-004	-2.353e-004	2.961e-003	-2.417e-003	-1.606e-002
16	0.000e+000	0.000e+000	0.000e+000	-2.880e-003	5.105e-004	-9.968e-003
17	0.000e+000	0.000e+000	0.000e+000	6.086e-003	-1.002e-003	1.017e-002
18	4.737e-004	3.116e-003	2.091e-004	3.127e-003	-4.887e-004	4.502e-003
19	0.000e+000	0.000e+000	0.000e+000	-2.789e-003	9.029e-004	1.274e-002
20	1.336e-003	-8.912e-005	-1.404e-003	-2.656e-003	2.746e-004	2.682e-003
21	1.506e-003	-4.685e-004	1.963e-003	-4.129e-004	-4.628e-001	-4.167e-003
22	-3.199e-003	-5.177e-004	-1.563e-003	-3.581e-003	-1.178e-004	-6.039e-003
23	2.510e-004	-1.784e-004	-2.512e-003	-1.589e-003	-1.830e-003	8.059e-004
24	6.175e-004	-5.232e-004	4.721e-004	-4.493e-003	-8.209e-002	2.794e-003
25	8.437e-004	-2.916e-004	-3.302e-003	-2.760e-003	2.663e-003	-3.850e-003
26	3.354e-004	-3.991e-004	-1.084e-003	-4.689e-004	7.882e-004	1.471e-005

Vettori modali 19 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
27	2.377e-004	-4.218e-004	-2.515e-003	1.601e-003	-1.927e-003	-6.362e-004
28	5.478e-004	-2.818e-004	5.792e-005	3.885e-003	-7.300e-002	-2.407e-003
29	7.429e-004	-6.419e-004	-3.344e-003	2.690e-003	2.676e-003	3.440e-003
30	1.191e-003	-4.615e-004	-1.399e-003	2.669e-003	8.103e-005	-2.358e-003
31	1.312e-003	-3.303e-004	1.469e-003	7.887e-004	-4.086e-001	3.754e-003
32	-2.844e-003	-4.720e-004	-1.620e-003	3.630e-003	-9.206e-005	5.379e-003
33	0.000e+000	-4.683e-004	0.000e+000	2.847e-003	4.514e-004	8.726e-003
34	0.000e+000	-7.498e-004	0.000e+000	-4.793e-003	-8.867e-004	-9.321e-003
35	4.268e-004	-3.592e-003	1.851e-004	-2.219e-003	-4.324e-004	-4.371e-003
36	0.000e+000	-9.868e-004	0.000e+000	2.930e-003	7.980e-004	-1.146e-002
37	1.689e-003	7.724e-004	-2.753e-004	-3.686e-004	1.143e-003	-7.469e-003
38	-2.496e-003	7.074e-004	-2.792e-004	-1.616e-004	-1.447e-003	1.361e-002
39	7.825e-004	-1.378e-004	-3.010e-003	-6.045e-004	4.154e-003	-2.134e-005
40	5.874e-004	-2.792e-004	-4.129e-003	-6.809e-004	-3.310e-003	2.866e-005
41	1.472e-003	-9.263e-004	-2.693e-004	-7.481e-004	9.759e-004	6.734e-003
42	-2.337e-003	-1.366e-003	-2.878e-004	-1.121e-003	-1.464e-003	-1.219e-002
43	1.660e-003	5.955e-004	-3.200e-004	7.910e-004	-1.366e-003	-6.023e-003
44	-2.457e-003	4.632e-004	-3.336e-004	8.018e-004	1.730e-003	9.213e-003
45	3.063e-003	1.837e-004	-3.105e-003	-5.884e-004	3.782e-003	2.440e-005
46	-1.650e-003	9.778e-005	-4.240e-003	-7.284e-004	-4.461e-003	-2.845e-005
47	1.431e-003	-1.699e-004	-3.107e-004	-1.820e-003	-1.237e-003	5.581e-003
48	-2.338e-003	-3.590e-004	-3.397e-004	-2.367e-003	1.584e-003	-8.327e-003
49	3.165e-004	3.496e-004	-3.662e-004	-2.938e-004	-3.596e-003	-4.507e-003
50	-8.125e-004	3.266e-004	-3.899e-004	-7.605e-004	4.243e-003	4.597e-003
51	2.297e-003	3.492e-004	-1.319e-003	-3.029e-003	-3.469e-003	-3.428e-003
52	-2.472e-003	3.275e-004	-1.776e-003	-4.180e-003	3.425e-003	2.191e-003
53	3.339e-003	3.481e-004	-2.676e-003	-2.231e-003	-3.343e-003	-9.344e-004
54	-2.875e-003	3.278e-004	-3.624e-003	-3.015e-003	2.608e-003	-2.882e-004
55	3.416e-003	3.463e-004	-3.198e-003	4.380e-005	-3.216e-003	7.237e-005
56	-2.622e-003	3.273e-004	-4.346e-003	-4.691e-005	1.791e-003	-8.835e-005
57	3.262e-003	3.456e-004	-2.669e-003	2.197e-003	-3.224e-003	1.085e-003
58	-2.790e-003	3.274e-004	-3.610e-003	3.120e-003	2.546e-003	1.387e-004
59	2.176e-003	3.442e-004	-1.329e-003	3.012e-003	-3.231e-003	3.451e-003
60	-2.358e-003	3.269e-004	-1.721e-003	4.202e-003	3.302e-003	-2.140e-003
61	2.235e-004	3.421e-004	-3.535e-004	4.296e-004	-3.238e-003	4.371e-003
62	-7.866e-004	3.257e-004	-3.933e-004	4.557e-004	4.057e-003	-4.274e-003
63	1.212e-003	1.598e-004	-4.290e-004	9.137e-004	3.650e-003	3.221e-003
64	-5.953e-004	2.410e-004	-4.425e-003	3.518e-004	5.557e-003	-1.019e-005
65	1.166e-003	3.686e-004	-4.296e-004	-2.118e-004	3.555e-003	-2.957e-003
66	-1.371e-003	8.993e-005	-3.987e-004	9.703e-004	-2.911e-003	-2.776e-003
67	6.472e-004	1.585e-004	-3.269e-003	6.202e-004	-7.092e-003	-3.279e-005
68	-1.284e-003	2.493e-004	-3.832e-004	1.928e-004	-2.559e-003	2.685e-003
69	1.420e-003	8.650e-005	-3.832e-003	2.749e-003	1.067e-004	-3.011e-004
70	1.556e-003	1.012e-004	-2.060e-003	4.234e-003	-4.657e-004	-3.386e-004
71	1.965e-003	3.087e-005	-4.692e-004	-1.038e-003	-1.197e-003	1.774e-003
72	1.556e-003	4.455e-005	-1.978e-003	-4.376e-003	-5.719e-004	3.224e-004
73	1.439e-003	5.813e-005	-3.861e-003	-2.954e-003	5.357e-005	2.690e-004
74	1.324e-003	7.160e-005	-4.498e-003	2.207e-004	6.791e-004	7.199e-005
75	1.929e-003	1.158e-004	-4.668e-004	1.642e-003	-1.038e-003	-1.573e-003
76	-1.822e-003	-1.344e-004	-4.321e-004	-5.539e-004	1.602e-003	-9.563e-004
77	-1.770e-003	-1.225e-004	-1.494e-003	-3.196e-003	7.562e-004	3.133e-004
78	-1.863e-003	-1.104e-004	-2.880e-003	-2.180e-003	-8.925e-005	-3.921e-005
79	-1.772e-003	-9.803e-005	-3.337e-003	2.394e-004	-9.347e-004	-1.433e-004
80	-1.747e-003	-8.530e-005	-2.851e-003	1.954e-003	-8.756e-005	-1.479e-004
81	-1.598e-003	-7.239e-005	-1.583e-003	3.057e-003	7.596e-004	-3.698e-004

Vettori modali 19 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
82	-1.634e-003	-5.934e-005	-4.137e-004	1.265e-003	1.607e-003	9.132e-004
83	1.541e-003	2.406e-005	-6.544e-004	-8.775e-004	-3.521e-003	2.286e-003
84	-1.169e-003	-1.589e-004	-6.173e-004	1.066e-003	3.592e-003	1.360e-003
85	-1.342e-003	-1.564e-004	-6.423e-004	-4.555e-004	3.752e-003	-1.421e-003
86	-1.602e-003	-1.541e-004	-3.431e-003	2.404e-004	2.803e-003	-1.670e-004
87	1.543e-003	-5.501e-006	-6.357e-004	1.490e-003	-3.254e-003	-1.967e-003
88	1.171e-003	1.151e-005	-4.584e-003	3.194e-004	-2.351e-003	1.752e-004
89	9.207e-004	-8.337e-006	-1.139e-003	-2.315e-003	-4.538e-003	1.962e-003
90	5.090e-004	-2.229e-005	-2.934e-003	-4.329e-003	-4.313e-003	6.863e-005
91	6.217e-004	-3.621e-005	-4.583e-003	-2.201e-003	-4.087e-003	-3.412e-004
92	6.898e-004	-5.005e-005	-4.975e-003	1.984e-004	-3.862e-003	1.502e-004
93	6.081e-004	-6.477e-005	-4.531e-003	2.103e-003	-3.990e-003	1.783e-004
94	5.862e-004	-7.936e-005	-2.947e-003	4.242e-003	-4.118e-003	-2.066e-004
95	9.659e-004	-9.379e-005	-1.086e-003	2.763e-003	-4.247e-003	-1.619e-003
96	-6.960e-004	-1.708e-004	-1.144e-003	-1.658e-003	4.657e-003	-1.199e-003
97	-5.922e-004	-1.802e-004	-2.460e-003	-3.167e-003	4.783e-003	4.525e-004
98	-8.809e-004	-1.891e-004	-3.647e-003	-1.536e-003	4.910e-003	5.608e-004
99	-9.993e-004	-1.977e-004	-3.914e-003	9.026e-005	5.036e-003	-1.158e-004
100	-7.901e-004	-2.078e-004	-3.637e-003	1.451e-003	4.829e-003	-7.024e-004
101	-4.604e-004	-2.175e-004	-2.487e-003	3.154e-003	4.622e-003	-4.899e-004
102	-5.540e-004	-2.267e-004	-1.095e-003	2.046e-003	4.415e-003	1.166e-003
103	4.834e-004	-1.947e-004	-1.715e-003	2.987e-003	-3.929e-003	-1.376e-003
104	-6.156e-005	-2.867e-004	-1.735e-003	2.427e-003	3.935e-003	1.353e-003
105	-3.825e-004	-2.179e-004	-4.733e-003	8.804e-005	5.518e-003	-1.874e-005
106	2.540e-004	-1.092e-004	-5.556e-003	2.322e-004	-3.591e-003	2.727e-004
107	-1.743e-004	-1.541e-004	-1.822e-003	-2.049e-003	4.181e-003	-1.299e-003
108	4.059e-004	-2.721e-005	-1.809e-003	-2.500e-003	-4.181e-003	1.868e-003
109	2.440e-004	-2.296e-004	-2.288e-003	3.468e-003	-2.457e-003	-8.330e-004
110	-2.357e-005	-2.210e-004	-5.614e-003	8.760e-005	4.242e-003	5.128e-005
111	5.153e-005	-1.727e-004	-6.060e-003	1.886e-004	-1.905e-003	2.512e-004
112	1.751e-004	-2.720e-004	-2.301e-003	3.160e-003	2.382e-003	1.026e-003
113	7.798e-005	-1.770e-004	-2.425e-003	-2.817e-003	2.546e-003	-8.727e-004
114	1.517e-004	-1.115e-004	-2.417e-003	-3.044e-003	-2.599e-003	1.292e-003
115	1.145e-004	-1.707e-004	-2.674e-003	-3.888e-003	-4.321e-006	1.556e-004
116	7.818e-005	-1.841e-004	-4.839e-003	-4.246e-003	3.880e-004	2.626e-005
117	6.900e-005	-1.971e-004	-6.132e-003	-1.038e-003	7.804e-004	2.761e-005
118	4.338e-005	-2.098e-004	-6.150e-003	8.825e-005	1.173e-003	8.382e-005
119	8.878e-005	-2.231e-004	-6.084e-003	1.084e-003	7.754e-004	-2.106e-004
120	1.884e-004	-2.359e-004	-4.772e-003	4.311e-003	3.782e-004	-1.604e-004
121	2.088e-004	-2.482e-004	-2.533e-003	4.178e-003	-1.909e-005	9.162e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	7.993e-004	1.406e-005	-2.299e-004	3.510e-002	-9.605e-001	-3.450e-006
124	-1.389e-003	2.471e-005	-2.242e-004	3.547e-001	2.297e+000	1.896e-005
125	3.592e-004	-3.937e-004	-1.651e-003	2.972e-001	6.352e-003	8.796e-007
126	3.630e-004	-3.120e-004	-2.908e-003	-3.738e-002	-4.418e-003	1.558e-007
127	3.602e-004	-4.775e-004	-4.009e-003	-3.531e-001	3.624e-003	-2.016e-006
128	-5.125e-008	-3.373e-008	2.738e-010	-4.118e-002	-2.890e-001	1.338e-006
129	-1.233e-007	-9.022e-008	-3.404e-011	9.820e-003	2.884e-001	-3.874e-006
130	4.739e-004	3.116e-003	2.092e-004	2.611e+000	-2.932e-001	-2.244e-006
131	2.261e-007	-1.121e-007	-3.980e-009	-3.568e-001	2.990e-001	-3.718e-006
132	1.336e-003	-8.912e-005	-1.404e-003	-4.044e-002	-3.581e-001	9.433e-007
133	-3.199e-003	-5.179e-004	-1.563e-003	-3.586e-001	1.553e+000	4.281e-006
134	2.510e-004	-1.784e-004	-2.512e-003	3.581e-002	7.354e-002	-2.270e-007
135	8.437e-004	-2.915e-004	-3.302e-003	3.507e-001	-4.492e-001	-1.582e-007
136	3.354e-004	-3.991e-004	-1.084e-003	-1.692e-003	-7.707e-004	-6.439e-007

Vettori modali 19 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	3.592e-004	-3.938e-004	-1.651e-003	-2.590e-001	6.643e-003	-6.043e-007
139	3.630e-004	-3.119e-004	-2.908e-003	3.445e-002	-4.044e-003	-1.825e-007
140	3.602e-004	-4.773e-004	-4.009e-003	3.128e-001	3.340e-003	2.525e-006
141	7.043e-004	-4.957e-004	-2.272e-004	-3.217e-002	-8.589e-001	2.842e-006
142	-1.241e-003	-9.970e-004	-2.353e-004	-3.138e-001	2.039e+000	-1.789e-005
143	3.354e-004	-3.991e-004	-1.084e-003	6.407e-004	-1.157e-003	5.888e-007
144	2.377e-004	-4.218e-004	-2.515e-003	-3.287e-002	6.563e-002	5.169e-007
145	7.430e-004	-6.420e-004	-3.344e-003	-3.105e-001	-3.900e-001	-2.257e-007
146	1.191e-003	-4.615e-004	-1.399e-003	3.753e-002	-3.260e-001	-1.361e-006
147	-2.844e-003	-4.719e-004	-1.620e-003	3.183e-001	1.376e+000	-3.892e-006
148	-4.206e-008	-4.683e-004	4.350e-010	3.822e-002	-2.575e-001	-7.555e-007
149	-1.057e-007	-7.498e-004	-8.078e-012	-8.047e-003	2.570e-001	4.948e-006
150	4.270e-004	-3.592e-003	1.851e-004	-2.319e+000	-2.612e-001	3.088e-006
151	2.028e-007	-9.866e-004	-3.654e-009	3.166e-001	2.664e-001	2.578e-006

Vettori modali 20 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-3.743e-004	-4.344e-005	9.152e-004	1.537e-003	-4.503e-003	-1.982e-007
2	-2.353e-004	4.300e-005	-1.358e-004	-3.168e-003	5.157e-003	-8.292e-008
3	-1.068e-004	-5.394e-005	8.954e-004	-9.327e-004	-2.791e-003	-1.150e-007
4	-8.097e-005	4.250e-005	-6.644e-004	1.173e-003	-1.447e-003	3.799e-009
5	-2.204e-005	-6.787e-006	3.902e-004	4.873e-003	1.047e-001	4.778e-004
6	-2.923e-005	6.621e-006	-3.797e-004	-4.741e-003	1.040e-001	5.650e-004
7	-7.349e-005	-1.181e-005	-5.380e-004	-2.459e-003	-3.293e-004	-1.414e-008
8	-8.764e-005	-5.614e-006	1.579e-003	-6.224e-004	-4.638e-003	1.264e-007
9	-2.185e-004	1.284e-007	-2.274e-004	2.957e-003	4.623e-003	8.443e-008
10	-3.645e-004	-8.514e-006	7.959e-004	-2.521e-003	-3.157e-003	2.358e-007
11	-5.760e-004	-1.605e-005	-2.322e-003	-5.092e-006	8.657e-003	-6.774e-005
12	-6.019e-004	3.275e-005	4.924e-003	5.457e-008	1.748e-003	-1.422e-005
13	-6.045e-004	-4.076e-005	-4.839e-003	-7.371e-007	9.566e-004	-5.932e-006
14	-2.925e-005	1.215e-004	3.909e-004	-4.881e-003	1.046e-001	-5.471e-004
15	-3.226e-005	-1.358e-004	-3.806e-004	4.752e-003	1.039e-001	-5.816e-004
16	0.000e+000	0.000e+000	0.000e+000	4.880e-003	8.535e-004	1.492e-004
17	0.000e+000	0.000e+000	0.000e+000	-9.271e-005	-4.339e-004	1.435e-004
18	-6.777e-006	1.934e-005	8.982e-005	-1.645e-003	-2.863e-004	-2.221e-005
19	0.000e+000	0.000e+000	0.000e+000	-4.749e-003	8.535e-004	2.192e-004
20	-2.282e-004	-2.302e-005	2.439e-003	4.606e-003	7.421e-002	4.555e-004
21	-1.806e-004	-1.297e-006	-4.958e-005	-1.117e-004	-6.658e-003	4.504e-004
22	-2.453e-004	1.839e-005	-2.376e-003	-4.504e-003	7.350e-002	4.866e-004
23	-4.385e-004	-1.188e-005	4.295e-003	2.576e-003	3.798e-002	4.502e-004
24	-4.040e-004	9.457e-007	-1.036e-004	-9.546e-005	-1.523e-003	4.785e-004
25	-4.763e-004	9.132e-006	-4.204e-003	-2.567e-003	3.723e-002	4.186e-004
26	-5.704e-004	-4.190e-006	-1.319e-004	-7.270e-006	9.796e-003	-2.568e-005
27	-4.448e-004	8.333e-005	4.296e-003	-2.572e-003	3.796e-002	-4.297e-004
28	-4.173e-004	-9.320e-006	-1.101e-004	8.509e-005	-1.218e-003	-4.337e-004
29	-4.887e-004	-9.599e-005	-4.205e-003	2.562e-003	3.721e-002	-4.052e-004
30	-2.393e-004	1.126e-004	2.441e-003	-4.607e-003	7.418e-002	-4.423e-004
31	-2.014e-004	-6.884e-006	-5.806e-005	1.162e-004	-4.912e-003	-4.537e-004
32	-2.502e-004	-1.245e-004	-2.380e-003	4.505e-003	7.346e-002	-4.991e-004
33	0.000e+000	1.210e-004	0.000e+000	-4.888e-003	8.516e-004	-2.620e-004
34	0.000e+000	-8.033e-006	0.000e+000	1.159e-004	-4.307e-004	-2.552e-004
35	-5.243e-006	-5.701e-005	8.919e-005	1.664e-003	-2.848e-004	-1.602e-004
36	0.000e+000	-1.356e-004	0.000e+000	4.759e-003	8.505e-004	-2.934e-004
37	4.921e-002	-5.877e-004	3.531e-004	-1.533e-003	7.937e-002	2.465e-002
38	4.889e-002	5.568e-004	-3.448e-004	1.535e-003	7.889e-002	2.478e-002

Vettori modali 20 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
39	-2.495e-002	4.468e-005	5.024e-003	-3.210e-005	-7.886e-002	-9.168e-006
40	-2.541e-002	-4.963e-005	-4.944e-003	2.132e-005	-7.971e-002	-4.200e-006
41	4.918e-002	7.295e-004	3.541e-004	1.475e-003	7.933e-002	-2.469e-002
42	4.886e-002	-7.086e-004	-3.459e-004	-1.496e-003	7.885e-002	-2.479e-002
43	6.768e-002	4.735e-004	3.151e-004	-1.670e-003	-9.294e-003	4.882e-002
44	6.728e-002	-4.878e-004	-3.090e-004	1.617e-003	-9.121e-003	4.900e-002
45	-5.946e-002	5.311e-005	5.111e-003	4.186e-006	-4.521e-002	-4.117e-006
46	-6.014e-002	-5.198e-005	-5.036e-003	-1.607e-005	-4.515e-002	-2.469e-006
47	6.765e-002	-3.303e-004	3.165e-004	1.734e-003	-9.275e-003	-4.883e-002
48	6.724e-002	3.461e-004	-3.104e-004	-1.704e-003	-9.106e-003	-4.900e-002
49	4.087e-002	-9.812e-005	2.744e-004	4.987e-003	-8.292e-002	7.416e-002
50	4.073e-002	1.026e-004	-2.705e-004	-4.985e-003	-8.211e-002	7.440e-002
51	-2.477e-003	-5.239e-005	2.946e-003	5.402e-003	-3.884e-002	9.895e-002
52	-2.749e-003	5.699e-005	-2.921e-003	-5.330e-003	-3.790e-002	9.922e-002
53	-4.353e-002	-6.542e-006	4.816e-003	2.193e-003	5.246e-003	6.498e-002
54	-4.389e-002	1.128e-005	-4.759e-003	-2.139e-003	6.299e-003	6.504e-002
55	-5.910e-002	3.932e-005	5.189e-003	4.274e-005	4.933e-002	1.180e-006
56	-5.945e-002	-3.446e-005	-5.119e-003	-4.335e-005	5.050e-002	-6.529e-007
57	-4.354e-002	8.544e-005	4.817e-003	-2.249e-003	5.268e-003	-6.497e-002
58	-4.389e-002	-8.044e-005	-4.759e-003	2.196e-003	6.320e-003	-6.504e-002
59	-2.485e-003	1.313e-004	2.921e-003	-5.426e-003	-3.879e-002	-9.894e-002
60	-2.755e-003	-1.262e-004	-2.895e-003	5.355e-003	-3.786e-002	-9.921e-002
61	4.086e-002	1.769e-004	2.761e-004	-4.824e-003	-8.285e-002	-7.415e-002
62	4.072e-002	-1.717e-004	-2.723e-004	4.819e-003	-8.205e-002	-7.438e-002
63	-6.371e-003	2.498e-003	-2.244e-004	-2.398e-003	-1.072e-001	7.981e-003
64	-1.081e-002	2.082e-005	-5.154e-003	-1.526e-004	1.372e-001	-1.366e-005
65	-6.351e-003	-2.452e-003	-2.262e-004	2.124e-003	-1.071e-001	-7.934e-003
66	-6.621e-003	-2.493e-003	2.260e-004	2.399e-003	-1.079e-001	8.056e-003
67	-1.110e-002	-1.769e-005	5.219e-003	1.592e-004	1.359e-001	-1.382e-005
68	-6.598e-003	2.454e-003	2.277e-004	-2.112e-003	-1.078e-001	-8.014e-003
69	3.291e-002	2.598e-004	-2.111e-003	1.049e-002	4.037e-002	7.300e-002
70	-1.028e-002	4.457e-004	2.186e-003	4.744e-003	-9.771e-003	9.820e-002
71	-5.041e-002	-4.839e-004	-1.754e-004	1.712e-002	-5.995e-002	-6.185e-002
72	-1.034e-002	-2.987e-004	2.172e-003	-4.733e-003	-9.797e-003	-9.822e-002
73	3.287e-002	-1.129e-004	-2.112e-003	-1.046e-002	4.035e-002	-7.309e-002
74	5.128e-002	7.326e-005	-5.179e-003	-2.061e-005	9.051e-002	-2.733e-005
75	-5.036e-002	6.305e-004	-1.771e-004	-1.721e-002	-5.991e-002	6.192e-002
76	-5.079e-002	4.837e-004	1.745e-004	-1.710e-002	-5.968e-002	-6.144e-002
77	-1.092e-002	2.986e-004	-2.149e-003	4.796e-003	-9.503e-003	-9.790e-002
78	3.223e-002	1.129e-004	2.161e-003	1.050e-002	4.067e-002	-7.314e-002
79	5.069e-002	-7.311e-005	5.238e-003	2.391e-005	9.084e-002	-2.959e-005
80	3.227e-002	-2.595e-004	2.160e-003	-1.053e-002	4.068e-002	7.306e-002
81	-1.086e-002	-4.453e-004	-2.165e-003	-4.809e-003	-9.479e-003	9.788e-002
82	-5.074e-002	-6.300e-004	1.763e-004	1.720e-002	-5.964e-002	6.152e-002
83	-5.897e-002	-9.778e-004	-3.660e-003	3.423e-002	-3.699e-002	-5.469e-002
84	-5.920e-002	-1.083e-003	3.685e-003	3.436e-002	-3.622e-002	5.455e-002
85	-5.926e-002	9.322e-004	3.685e-003	-3.432e-002	-3.624e-002	-5.443e-002
86	6.431e-002	-7.454e-005	-4.338e-004	-1.579e-005	6.282e-002	2.261e-006
87	-5.891e-002	1.127e-003	-3.660e-003	-3.426e-002	-3.696e-002	5.481e-002
88	6.478e-002	7.377e-005	3.354e-004	2.002e-005	6.175e-002	5.405e-006
89	-6.268e-002	-5.122e-004	-6.456e-003	4.111e-002	-1.238e-002	-5.541e-002
90	-1.541e-002	-3.197e-004	5.854e-003	1.238e-002	1.068e-004	-1.295e-001
91	4.436e-002	-1.264e-004	7.225e-003	-3.935e-003	1.260e-002	-1.052e-001
92	7.138e-002	6.716e-005	5.331e-003	4.241e-005	2.509e-002	2.044e-005
93	4.439e-002	2.611e-004	7.243e-003	3.935e-003	1.260e-002	1.051e-001

Vettori modali 20 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
94	-1.534e-002	4.545e-004	5.863e-003	-1.241e-002	1.141e-004	1.294e-001
95	-6.262e-002	6.468e-004	-6.453e-003	-4.110e-002	-1.237e-002	5.556e-002
96	-6.284e-002	5.055e-004	6.381e-003	-4.126e-002	-1.145e-002	-5.531e-002
97	-1.565e-002	3.147e-004	-6.025e-003	-1.259e-002	1.212e-003	-1.293e-001
98	4.408e-002	1.231e-004	-7.466e-003	3.863e-003	1.388e-002	-1.051e-001
99	7.111e-002	-6.881e-005	-5.580e-003	-4.003e-005	2.654e-002	1.802e-005
100	4.411e-002	-2.611e-004	-7.484e-003	-3.865e-003	1.388e-002	1.050e-001
101	-1.557e-002	-4.528e-004	-6.035e-003	1.262e-002	1.214e-003	1.293e-001
102	-6.278e-002	-6.434e-004	6.380e-003	4.126e-002	-1.145e-002	5.546e-002
103	-6.296e-002	4.161e-004	-6.811e-003	-3.920e-002	6.612e-003	1.538e-002
104	-6.302e-002	-4.335e-004	6.604e-003	3.939e-002	7.436e-003	1.545e-002
105	7.250e-002	-5.182e-005	-7.269e-003	-5.756e-005	-2.309e-003	1.172e-004
106	7.260e-002	4.948e-005	6.798e-003	6.044e-005	-3.725e-003	1.197e-004
107	-6.308e-002	3.291e-004	6.605e-003	-3.943e-002	7.442e-003	-1.520e-002
108	-6.302e-002	-3.165e-004	-6.814e-003	3.924e-002	6.611e-003	-1.512e-002
109	-6.198e-002	1.525e-003	-4.378e-003	-2.403e-002	1.970e-002	3.428e-003
110	7.161e-002	-2.442e-005	-5.010e-003	-4.081e-005	-2.118e-002	1.409e-004
111	7.162e-002	2.149e-005	4.332e-003	4.356e-005	-2.208e-002	1.426e-004
112	-6.199e-002	-1.542e-003	4.053e-003	2.432e-002	2.020e-002	3.536e-003
113	-6.205e-002	1.488e-003	4.053e-003	-2.435e-002	2.021e-002	-3.250e-003
114	-6.204e-002	-1.477e-003	-4.381e-003	2.407e-002	1.971e-002	-3.139e-003
115	-6.148e-002	3.594e-006	-1.888e-004	-2.144e-004	2.324e-002	-2.070e-002
116	-2.248e-002	1.870e-006	-3.174e-004	-2.547e-004	6.988e-003	-1.269e-001
117	4.024e-002	1.417e-007	-3.898e-004	-4.072e-005	-9.264e-003	-1.164e-001
118	7.099e-002	-1.587e-006	-3.831e-004	1.081e-006	-2.552e-002	8.338e-005
119	4.025e-002	-3.321e-006	-3.890e-004	4.181e-005	-9.267e-003	1.163e-001
120	-2.240e-002	-5.047e-006	-3.162e-004	2.555e-004	6.983e-003	1.268e-001
121	-6.142e-002	-6.761e-006	-1.869e-004	2.169e-004	2.323e-002	2.094e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.205e-005	-6.792e-006	3.902e-004	3.347e-003	4.701e-003	-1.039e-007
124	-2.923e-005	6.626e-006	-3.797e-004	-1.847e-003	1.481e-002	3.004e-008
125	-5.760e-004	-1.605e-005	-2.322e-003	-8.828e-003	8.553e-003	1.969e-007
126	-6.019e-004	3.274e-005	4.924e-003	1.541e-003	4.267e-003	-2.391e-008
127	-6.045e-004	-4.075e-005	-4.839e-003	-2.918e-003	2.254e-003	2.343e-008
128	-3.884e-009	-7.400e-010	-1.679e-011	6.393e-003	1.976e-003	4.502e-008
129	-5.371e-009	-7.638e-010	-7.063e-011	-8.410e-005	-1.991e-003	-6.106e-008
130	-6.781e-006	1.934e-005	8.982e-005	1.149e-002	1.169e-003	1.983e-008
131	-9.615e-010	2.509e-010	2.089e-011	-7.646e-003	-7.742e-004	4.970e-009
132	-2.282e-004	-2.302e-005	2.439e-003	6.432e-003	1.167e-002	8.853e-009
133	-2.453e-004	1.839e-005	-2.376e-003	-7.665e-003	1.851e-002	1.814e-008
134	-4.385e-004	-1.189e-005	4.295e-003	9.911e-004	1.409e-002	1.028e-007
135	-4.763e-004	9.138e-006	-4.204e-003	3.509e-004	2.966e-002	-1.597e-008
136	-5.704e-004	-4.190e-006	-1.319e-004	-2.596e-005	1.019e-002	-8.266e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-5.760e-004	-1.605e-005	-2.322e-003	9.995e-003	8.561e-003	-1.501e-007
139	-6.019e-004	3.275e-005	4.924e-003	-1.156e-003	4.280e-003	6.181e-009
140	-6.045e-004	-4.076e-005	-4.839e-003	1.873e-003	2.243e-003	-4.798e-008
141	-2.925e-005	1.215e-004	3.909e-004	-3.739e-003	6.807e-003	3.180e-008
142	-3.226e-005	-1.358e-004	-3.806e-004	2.909e-003	9.577e-003	-5.367e-008
143	-5.704e-004	-4.190e-006	-1.319e-004	8.887e-006	1.018e-002	7.929e-009
144	-4.448e-004	8.334e-005	4.296e-003	-1.369e-003	1.381e-002	-4.051e-008
145	-4.887e-004	-9.600e-005	-4.205e-003	6.829e-004	3.164e-002	5.815e-008
146	-2.393e-004	1.126e-004	2.441e-003	-6.046e-003	1.060e-002	-2.159e-008
147	-2.502e-004	-1.245e-004	-2.380e-003	6.618e-003	1.493e-002	-4.868e-009
148	-2.133e-009	1.210e-004	6.682e-011	-5.985e-003	2.809e-003	-2.039e-008

Vettori modali 20 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
149	-3.164e-009	-8.033e-006	-7.325e-011	1.182e-004	-2.814e-003	5.854e-008
150	-5.245e-006	-5.701e-005	8.919e-005	-5.107e-003	2.008e-003	-2.870e-008
151	-3.955e-010	-1.356e-004	-4.498e-011	6.577e-003	-1.617e-003	-9.761e-009

Vettori modali 21 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.060e-004	-5.048e-005	4.863e-003	5.138e-003	-4.184e-002	-2.537e-007
2	-5.461e-005	1.015e-004	3.099e-003	4.513e-002	1.251e-002	-1.888e-007
3	1.694e-004	1.215e-005	8.201e-003	1.342e-002	-4.771e-002	-9.701e-007
4	-2.133e-004	6.282e-005	1.175e-002	3.904e-002	8.872e-002	4.810e-007
5	8.236e-005	1.127e-006	-8.493e-004	-1.068e-002	-7.528e-002	-8.822e-004
6	-2.323e-005	6.883e-008	-9.096e-004	-1.143e-002	7.603e-002	2.860e-004
7	-2.114e-004	-1.061e-004	1.175e-002	-3.916e-002	8.875e-002	-3.678e-007
8	1.697e-004	-6.207e-005	8.233e-003	-1.343e-002	-4.783e-002	6.927e-007
9	-5.166e-005	-1.415e-004	3.068e-003	-4.518e-002	1.232e-002	1.170e-007
10	1.062e-004	2.436e-006	4.850e-003	-5.277e-003	-4.168e-002	1.536e-007
11	-2.924e-006	-2.330e-005	-7.844e-003	6.012e-007	4.106e-003	-1.908e-006
12	-1.124e-004	-1.791e-005	-1.112e-002	6.248e-007	-1.354e-002	-2.039e-006
13	5.843e-005	-2.407e-005	-1.194e-002	-6.167e-007	1.437e-002	1.033e-007
14	8.092e-005	-2.848e-005	-8.486e-004	1.067e-002	-7.531e-002	8.690e-004
15	-2.287e-005	-4.769e-005	-9.100e-004	1.143e-002	7.602e-002	-2.819e-004
16	0.000e+000	0.000e+000	0.000e+000	-1.059e-002	-4.494e-004	-1.011e-003
17	0.000e+000	0.000e+000	0.000e+000	-7.864e-003	-1.896e-005	4.137e-004
18	3.912e-005	1.067e-004	2.681e-005	-9.024e-003	-1.589e-004	1.739e-004
19	0.000e+000	0.000e+000	0.000e+000	-1.134e-002	4.745e-004	1.869e-004
20	1.767e-004	-9.072e-006	-5.425e-003	-1.045e-002	-5.702e-002	2.749e-004
21	5.671e-005	-1.015e-005	-3.768e-003	-6.885e-003	-2.239e-002	-2.424e-004
22	-2.051e-004	-1.544e-005	-5.793e-003	-1.114e-002	5.779e-002	5.107e-004
23	-4.357e-005	-1.422e-005	-9.674e-003	-5.926e-003	-3.528e-002	3.655e-004
24	6.529e-005	-9.178e-006	-6.444e-003	-3.610e-003	-2.403e-002	1.644e-004
25	-2.898e-004	-8.799e-006	-1.035e-002	-6.428e-003	3.608e-002	-5.231e-004
26	-1.218e-005	-2.292e-005	-7.291e-003	1.210e-006	7.589e-004	-1.666e-006
27	-4.456e-005	-2.066e-005	-9.672e-003	5.930e-003	-3.529e-002	-3.625e-004
28	6.402e-005	-3.727e-005	-6.443e-003	3.611e-003	-2.399e-002	-1.608e-004
29	-2.904e-004	-3.927e-005	-1.035e-002	6.427e-003	3.608e-002	5.226e-004
30	1.749e-004	-2.279e-005	-5.422e-003	1.045e-002	-5.704e-002	-2.715e-004
31	5.506e-005	-3.819e-005	-3.767e-003	6.883e-003	-2.227e-002	2.413e-004
32	-2.045e-004	-3.257e-005	-5.794e-003	1.114e-002	5.779e-002	-5.129e-004
33	0.000e+000	-2.619e-005	0.000e+000	1.058e-002	-4.498e-004	9.875e-004
34	0.000e+000	-5.232e-005	0.000e+000	7.862e-003	-1.865e-005	-4.205e-004
35	3.894e-005	-1.574e-004	2.675e-005	9.023e-003	-1.588e-004	-1.620e-004
36	0.000e+000	-4.747e-005	0.000e+000	1.135e-002	4.742e-004	-1.821e-004
37	-3.461e-002	2.635e-003	-5.661e-004	-6.007e-004	-5.271e-002	1.341e-002
38	3.501e-002	2.775e-003	-6.352e-004	-5.122e-004	5.322e-002	-1.365e-002
39	-3.410e-002	-3.418e-006	-1.075e-002	-5.016e-005	-9.564e-002	-1.115e-006
40	3.411e-002	-2.581e-005	-1.160e-002	1.117e-006	9.524e-002	-8.906e-007
41	-3.462e-002	-2.630e-003	-5.651e-004	5.000e-004	-5.273e-002	-1.342e-002
42	3.500e-002	-2.831e-003	-6.355e-004	5.245e-004	5.322e-002	1.365e-002
43	-4.318e-002	1.476e-003	-2.813e-004	4.088e-003	2.229e-002	2.771e-002
44	4.367e-002	1.489e-003	-3.589e-004	4.398e-003	-2.248e-002	-2.758e-002
45	-6.987e-002	2.179e-005	-1.036e-002	-4.209e-005	-2.927e-002	-1.916e-007
46	6.960e-002	-2.184e-005	-1.122e-002	-1.742e-005	2.867e-002	-1.885e-006
47	-4.320e-002	-1.424e-003	-2.801e-004	-4.158e-003	2.230e-002	-2.771e-002
48	4.367e-002	-1.539e-003	-3.593e-004	-4.434e-003	-2.248e-002	2.759e-002
49	-1.146e-002	-1.356e-006	1.819e-005	-1.203e-004	9.352e-002	4.270e-002
50	1.169e-002	-4.081e-005	-6.808e-005	-3.629e-004	-9.423e-002	-4.219e-002

Vettori modali 21 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
51	-3.427e-002	9.245e-006	-3.117e-003	-1.062e-002	1.004e-001	4.426e-002
52	3.420e-002	-3.086e-005	-3.513e-003	-1.148e-002	-1.009e-001	-4.358e-002
53	-4.801e-002	1.982e-005	-7.985e-003	-8.127e-003	1.073e-001	1.189e-002
54	4.766e-002	-2.082e-005	-8.740e-003	-8.668e-003	-1.075e-001	-1.148e-002
55	-4.876e-002	3.035e-005	-9.919e-003	1.411e-005	1.142e-001	7.772e-007
56	4.832e-002	-1.072e-005	-1.080e-002	-1.977e-005	-1.141e-001	-2.927e-006
57	-4.801e-002	4.101e-005	-7.983e-003	8.113e-003	1.073e-001	-1.189e-002
58	4.767e-002	-6.987e-007	-8.741e-003	8.689e-003	-1.075e-001	1.147e-002
59	-3.428e-002	5.157e-005	-3.122e-003	1.061e-002	1.004e-001	-4.426e-002
60	3.421e-002	9.329e-006	-3.503e-003	1.149e-002	-1.008e-001	4.359e-002
61	-1.147e-002	6.199e-005	1.970e-005	1.642e-004	9.356e-002	-4.269e-002
62	1.169e-002	1.933e-005	-6.851e-005	2.993e-004	-9.422e-002	4.220e-002
63	-3.320e-002	-1.000e-003	2.276e-004	2.094e-003	-7.863e-002	-7.654e-003
64	-2.239e-002	1.056e-005	-1.036e-002	-5.613e-005	-1.523e-001	-4.783e-006
65	-3.320e-002	1.022e-003	2.273e-004	-2.196e-003	-7.862e-002	7.678e-003
66	3.306e-002	-1.016e-003	3.191e-004	2.132e-003	7.783e-002	7.838e-003
67	2.221e-002	2.994e-006	-9.467e-003	8.225e-005	1.532e-001	-8.003e-006
68	3.307e-002	1.024e-003	3.207e-004	-1.980e-003	7.787e-002	-7.820e-003
69	-6.846e-002	-7.508e-005	-8.972e-003	4.987e-003	2.741e-002	9.117e-003
70	-6.372e-002	-1.790e-004	-4.926e-003	1.135e-002	3.199e-002	-2.955e-002
71	-4.674e-002	3.404e-004	5.378e-004	-9.919e-003	3.655e-002	2.865e-002
72	-6.374e-002	2.371e-004	-4.931e-003	-1.135e-002	3.198e-002	2.955e-002
73	-6.847e-002	1.332e-004	-8.973e-003	-4.977e-003	2.741e-002	-9.144e-003
74	-6.263e-002	2.898e-005	-9.863e-003	-4.704e-006	2.284e-002	-6.734e-006
75	-4.673e-002	-2.824e-004	5.376e-004	9.891e-003	3.656e-002	-2.862e-002
76	4.628e-002	2.976e-004	6.345e-004	-9.792e-003	-3.700e-002	-2.881e-002
77	6.351e-002	1.896e-004	-4.546e-003	-1.047e-002	-3.197e-002	-3.029e-002
78	6.861e-002	8.107e-005	-8.211e-003	-4.388e-003	-2.693e-002	8.430e-003
79	6.297e-002	-2.765e-005	-8.965e-003	1.890e-005	-2.190e-002	-1.723e-005
80	6.863e-002	-1.365e-004	-8.210e-003	4.365e-003	-2.693e-002	-8.467e-003
81	6.354e-002	-2.449e-004	-4.557e-003	1.046e-002	-3.196e-002	3.028e-002
82	4.630e-002	-3.528e-004	6.364e-004	9.864e-003	-3.699e-002	2.884e-002
83	-3.555e-002	5.315e-004	5.256e-003	-1.041e-002	8.795e-002	1.816e-002
84	3.504e-002	-5.226e-004	5.472e-003	1.058e-002	-8.832e-002	1.820e-002
85	3.501e-002	4.600e-004	5.470e-003	-1.054e-002	-8.831e-002	-1.816e-002
86	5.077e-002	-3.071e-005	-3.663e-003	5.668e-006	-1.117e-001	-6.521e-006
87	-3.554e-002	-4.745e-004	5.257e-003	1.041e-002	8.797e-002	-1.810e-002
88	-5.029e-002	2.806e-005	-4.593e-003	1.285e-005	1.126e-001	7.429e-006
89	-2.014e-002	6.641e-005	1.712e-002	-4.780e-003	1.127e-001	1.154e-002
90	-2.804e-002	5.246e-005	1.625e-002	-1.979e-003	1.277e-001	1.531e-002
91	-3.136e-002	3.837e-005	1.400e-002	-7.048e-003	1.426e-001	-1.628e-003
92	-2.943e-002	2.418e-005	1.150e-002	2.038e-005	1.576e-001	1.291e-005
93	-3.136e-002	1.014e-005	1.401e-002	7.048e-003	1.426e-001	1.585e-003
94	-2.801e-002	-3.928e-006	1.626e-002	1.966e-003	1.277e-001	-1.533e-002
95	-2.012e-002	-1.798e-005	1.712e-002	4.794e-003	1.127e-001	-1.147e-002
96	1.958e-002	4.475e-006	1.735e-002	-4.775e-003	-1.127e-001	-1.165e-002
97	2.781e-002	-7.257e-006	1.670e-002	-1.286e-003	-1.273e-001	-1.646e-002
98	3.172e-002	-1.897e-005	1.474e-002	-6.629e-003	-1.419e-001	5.478e-004
99	3.007e-002	-3.064e-005	1.232e-002	-9.787e-006	-1.565e-001	2.355e-006
100	3.173e-002	-4.252e-005	1.474e-002	6.625e-003	-1.419e-001	-5.917e-004
101	2.784e-002	-5.430e-005	1.670e-002	1.296e-003	-1.273e-001	1.644e-002
102	1.960e-002	-6.594e-005	1.736e-002	4.792e-003	-1.127e-001	1.171e-002
103	-7.372e-003	5.563e-004	3.364e-002	-2.408e-003	1.024e-001	3.708e-004
104	6.869e-003	5.219e-004	3.384e-002	-2.313e-003	-1.020e-001	-3.132e-004
105	1.154e-002	-2.533e-005	3.629e-002	-1.631e-005	-1.541e-001	4.238e-005

Vettori modali 21 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
106	-1.075e-002	1.581e-005	3.567e-002	2.894e-005	1.557e-001	5.353e-005
107	6.849e-003	-5.730e-004	3.383e-002	2.319e-003	-1.020e-001	4.092e-004
108	-7.391e-003	-5.246e-004	3.363e-002	2.435e-003	1.024e-001	-2.571e-004
109	-1.160e-003	5.969e-004	4.837e-002	-1.370e-002	6.220e-002	4.464e-003
110	1.965e-003	-1.545e-005	5.894e-002	-1.039e-005	-9.759e-002	5.398e-005
111	-1.054e-003	3.345e-006	5.861e-002	2.236e-005	9.932e-002	6.149e-005
112	6.915e-004	5.642e-004	4.849e-002	-1.362e-002	-6.162e-002	-4.384e-003
113	6.718e-004	-5.971e-004	4.848e-002	1.362e-002	-6.161e-002	4.495e-003
114	-1.180e-003	-5.883e-004	4.836e-002	1.373e-002	6.219e-002	-4.340e-003
115	-2.458e-004	-5.672e-004	5.447e-002	2.777e-002	3.435e-004	-6.282e-005
116	-2.973e-005	-3.811e-004	7.158e-002	2.944e-002	5.182e-004	-7.266e-004
117	3.221e-004	-1.941e-004	7.550e-002	-1.223e-002	6.929e-004	-6.297e-004
118	4.769e-004	-6.567e-006	6.851e-002	4.645e-006	8.675e-004	3.464e-005
119	3.241e-004	1.809e-004	7.550e-002	1.223e-002	6.925e-004	5.753e-004
120	-3.014e-007	3.680e-004	7.159e-002	-2.944e-002	5.174e-004	6.883e-004
121	-2.262e-004	5.541e-004	5.447e-002	-2.775e-002	3.423e-004	1.594e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	8.239e-005	1.130e-006	-8.493e-004	-5.469e-003	-1.562e-001	-7.256e-007
124	-2.325e-005	7.221e-008	-9.096e-004	-9.108e-004	9.646e-002	7.015e-007
125	-2.927e-006	-2.331e-005	-7.844e-003	-3.263e-002	1.272e-002	-2.082e-007
126	-1.124e-004	-1.791e-005	-1.112e-002	-5.008e-003	-2.907e-003	-6.905e-008
127	5.842e-005	-2.407e-005	-1.194e-002	-1.035e-002	4.817e-003	3.681e-008
128	-1.350e-008	-3.392e-009	-5.405e-011	-1.574e-002	-4.009e-002	3.236e-007
129	-2.133e-008	-7.234e-010	7.831e-010	-8.068e-003	3.992e-002	-2.127e-007
130	3.914e-005	1.067e-004	2.681e-005	6.308e-002	-4.010e-002	-1.869e-007
131	7.112e-009	-2.995e-009	-1.117e-010	-2.175e-002	4.039e-002	-5.762e-008
132	1.767e-004	-9.073e-006	-5.425e-003	-1.628e-002	-6.655e-002	1.405e-007
133	-2.051e-004	-1.545e-005	-5.793e-003	-2.223e-002	9.353e-002	1.384e-007
134	-4.357e-005	-1.422e-005	-9.674e-003	-7.528e-004	1.479e-002	-2.475e-008
135	-2.898e-004	-8.796e-006	-1.035e-002	3.997e-003	1.236e-001	1.374e-007
136	-1.217e-005	-2.292e-005	-7.291e-003	2.073e-004	-8.010e-003	1.052e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-2.927e-006	-2.329e-005	-7.844e-003	3.279e-002	1.272e-002	2.462e-007
139	-1.124e-004	-1.791e-005	-1.112e-002	5.071e-003	-2.910e-003	6.694e-008
140	5.842e-005	-2.406e-005	-1.194e-002	1.028e-002	4.819e-003	-5.329e-008
141	8.095e-005	-2.848e-005	-8.486e-004	5.399e-003	-1.561e-001	7.197e-007
142	-2.289e-005	-4.769e-005	-9.100e-004	9.856e-004	9.622e-002	-7.221e-007
143	-1.217e-005	-2.292e-005	-7.291e-003	-2.048e-004	-8.007e-003	-1.205e-007
144	-4.456e-005	-2.066e-005	-9.672e-003	6.975e-004	1.475e-002	5.223e-008
145	-2.904e-004	-3.927e-005	-1.035e-002	-3.929e-003	1.238e-001	-1.796e-007
146	1.749e-004	-2.279e-005	-5.422e-003	1.634e-002	-6.690e-002	-2.222e-007
147	-2.045e-004	-3.256e-005	-5.794e-003	2.216e-002	9.329e-002	-1.421e-007
148	-1.318e-008	-2.619e-005	-4.106e-011	1.580e-002	-3.998e-002	-2.068e-007
149	-2.103e-008	-5.232e-005	7.753e-010	8.064e-003	3.982e-002	2.867e-007
150	3.896e-005	-1.574e-004	2.675e-005	-6.286e-002	-4.000e-002	2.765e-007
151	7.059e-009	-4.746e-005	-1.099e-010	2.168e-002	4.028e-002	4.454e-008

Vettori modali 22 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.237e-004	-8.631e-005	2.572e-004	-8.790e-004	-1.208e-004	1.690e-007
2	-9.950e-005	1.008e-004	8.541e-005	-2.289e-003	4.983e-003	5.117e-008
3	-5.643e-005	-8.497e-005	1.958e-004	6.622e-004	4.046e-004	1.367e-008
4	-3.538e-005	8.274e-005	-5.313e-004	-5.970e-004	-2.383e-003	-2.164e-008
5	8.218e-007	1.434e-005	-6.081e-004	-7.581e-003	1.965e-002	2.565e-005
6	3.588e-006	-1.507e-005	6.053e-004	7.546e-003	1.970e-002	-1.669e-005
7	-3.180e-005	1.329e-005	1.609e-004	1.814e-003	3.798e-004	-3.070e-008

Vettori modali 22 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
8	-4.884e-005	-7.347e-006	-8.127e-004	1.748e-004	2.464e-003	-3.950e-008
9	-6.870e-005	2.304e-005	1.361e-004	-1.192e-003	-2.833e-003	2.722e-008
10	-1.235e-004	-3.362e-005	-2.608e-004	1.661e-003	-1.116e-003	1.468e-007
11	-1.494e-004	-4.089e-005	5.206e-006	-4.354e-004	-1.299e-005	-2.378e-004
12	-1.457e-004	1.460e-004	7.487e-006	1.436e-003	2.423e-005	-7.387e-005
13	-1.463e-004	-1.450e-004	1.054e-005	-1.381e-003	-6.424e-006	-6.512e-005
14	-2.824e-005	2.474e-004	6.085e-004	-7.587e-003	-1.985e-002	-3.039e-004
15	-2.647e-005	-2.487e-004	-6.031e-004	7.520e-003	-2.004e-002	-2.847e-004
16	0.000e+000	0.000e+000	0.000e+000	-7.611e-003	1.566e-004	-2.546e-005
17	0.000e+000	0.000e+000	0.000e+000	-4.469e-005	-7.420e-005	2.306e-006
18	-5.669e-006	-1.415e-005	1.544e-005	2.495e-003	-5.072e-005	-3.945e-005
19	0.000e+000	0.000e+000	0.000e+000	7.575e-003	1.549e-004	-4.077e-005
20	-4.165e-005	3.963e-005	-2.230e-003	-6.569e-004	1.384e-002	1.374e-004
21	-8.296e-005	9.136e-007	-1.729e-005	-1.428e-005	3.224e-003	1.929e-004
22	-2.959e-005	-3.819e-005	2.217e-003	6.455e-004	1.387e-002	1.372e-004
23	-1.102e-004	8.573e-005	-1.388e-003	3.162e-003	6.933e-003	1.402e-004
24	-1.425e-004	2.597e-006	-1.462e-005	2.369e-005	2.122e-003	8.077e-005
25	-1.056e-004	-8.448e-005	1.381e-003	-3.126e-003	6.932e-003	1.570e-004
26	-1.494e-004	2.416e-007	2.659e-006	3.722e-005	-7.718e-006	-1.176e-004
27	-1.333e-004	1.708e-004	1.399e-003	3.151e-003	-6.974e-003	-2.446e-005
28	-1.276e-004	1.311e-006	1.626e-005	1.273e-005	-1.580e-003	-4.507e-005
29	-1.496e-004	-1.698e-004	-1.360e-003	-3.135e-003	-7.060e-003	-1.659e-005
30	-1.009e-004	2.053e-004	2.236e-003	-6.702e-004	-1.397e-002	-9.724e-005
31	-8.153e-005	1.042e-006	1.391e-005	-2.137e-005	-1.177e-003	-1.092e-004
32	-1.025e-004	-2.057e-004	-2.205e-003	6.249e-004	-1.411e-002	-1.309e-004
33	0.000e+000	2.458e-004	0.000e+000	-7.615e-003	-1.593e-004	-3.788e-004
34	0.000e+000	-2.143e-006	0.000e+000	-3.106e-005	7.714e-005	-2.837e-004
35	2.774e-006	-7.729e-005	-1.599e-005	2.495e-003	5.213e-005	-3.501e-004
36	0.000e+000	-2.472e-004	0.000e+000	7.547e-003	-1.587e-004	-3.565e-004
37	9.087e-003	2.303e-002	-7.558e-004	-6.698e-002	1.394e-002	3.183e-003
38	9.115e-003	-2.302e-002	7.533e-004	6.695e-002	1.398e-002	3.162e-003
39	-6.558e-005	1.868e-002	7.143e-006	-5.984e-002	2.666e-004	-9.648e-004
40	-1.002e-004	-1.869e-002	1.089e-005	5.982e-002	1.836e-004	-9.486e-004
41	-9.209e-003	2.324e-002	7.562e-004	-6.686e-002	-1.409e-002	3.055e-003
42	-9.294e-003	-2.322e-002	-7.515e-004	6.683e-002	-1.422e-002	3.057e-003
43	1.156e-002	5.009e-002	-9.013e-004	-2.981e-002	-4.930e-003	6.340e-003
44	1.160e-002	-5.006e-002	8.992e-004	2.981e-002	-4.938e-003	6.342e-003
45	7.417e-005	4.468e-002	6.778e-006	-3.361e-002	2.500e-004	-1.856e-003
46	1.172e-005	-4.467e-002	1.120e-005	3.358e-002	2.356e-004	-1.832e-003
47	-1.171e-002	5.020e-002	9.017e-004	-2.956e-002	4.975e-003	6.414e-003
48	-1.182e-002	-5.017e-002	-8.977e-004	2.958e-002	5.018e-003	6.399e-003
49	4.171e-003	4.460e-002	-1.051e-003	5.127e-002	-2.157e-002	9.652e-003
50	4.192e-003	-4.459e-002	1.049e-003	-5.124e-002	-2.161e-002	9.676e-003
51	8.368e-004	4.474e-002	6.728e-003	-1.005e-002	-1.439e-002	4.683e-003
52	8.402e-004	-4.472e-002	-6.721e-003	1.006e-002	-1.438e-002	4.732e-003
53	-4.075e-004	4.475e-002	-1.948e-003	-1.674e-002	-7.214e-003	6.329e-004
54	-4.278e-004	-4.474e-002	1.959e-003	1.675e-002	-7.156e-003	6.798e-004
55	1.386e-004	4.465e-002	6.375e-006	3.442e-002	-3.564e-005	-2.790e-003
56	9.984e-005	-4.463e-002	1.150e-005	-3.440e-002	7.008e-005	-2.759e-003
57	6.386e-004	4.475e-002	1.944e-003	-1.680e-002	7.216e-003	8.461e-004
58	5.829e-004	-4.474e-002	-1.926e-003	1.678e-002	7.354e-003	8.730e-004
59	-7.539e-004	4.474e-002	-6.749e-003	-1.006e-002	1.447e-002	5.063e-003
60	-8.114e-004	-4.473e-002	6.756e-003	1.004e-002	1.464e-002	5.042e-003
61	-4.258e-003	4.461e-002	1.052e-003	5.138e-002	2.172e-002	9.938e-003
62	-4.300e-003	-4.459e-002	-1.048e-003	-5.136e-002	2.192e-002	9.904e-003

Vettori modali 22 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
63	-7.498e-003	4.545e-003	1.084e-003	-1.328e-001	-2.492e-002	2.191e-002
64	7.601e-005	5.824e-003	1.151e-005	-1.443e-001	-1.518e-004	-1.358e-002
65	7.544e-003	4.565e-003	-1.083e-003	-1.327e-001	2.522e-002	2.198e-002
66	-7.498e-003	-4.547e-003	-1.085e-003	1.328e-001	-2.487e-002	2.192e-002
67	5.223e-005	-5.842e-003	6.165e-006	1.444e-001	-2.826e-004	-1.354e-002
68	7.487e-003	-4.568e-003	1.086e-003	1.328e-001	2.504e-002	2.199e-002
69	1.538e-002	5.740e-002	3.928e-004	1.790e-002	3.802e-003	-3.232e-002
70	2.485e-002	5.737e-002	8.326e-003	6.542e-003	7.802e-003	-3.376e-003
71	-1.699e-002	5.720e-002	1.117e-003	-5.368e-002	-1.174e-002	3.476e-002
72	-2.477e-002	5.737e-002	-8.328e-003	6.565e-003	-7.891e-003	-3.211e-003
73	-1.538e-002	5.740e-002	-3.795e-004	1.794e-002	-4.045e-003	-3.217e-002
74	-2.027e-005	5.727e-002	1.149e-005	-2.545e-002	-1.986e-004	-2.496e-002
75	1.714e-002	5.720e-002	-1.117e-003	-5.364e-002	1.180e-002	3.467e-002
76	-1.698e-002	-5.723e-002	-1.118e-003	5.377e-002	-1.175e-002	3.481e-002
77	-2.477e-002	-5.741e-002	8.359e-003	-6.525e-003	-7.894e-003	-3.187e-003
78	-1.540e-002	-5.743e-002	4.150e-004	-1.796e-002	-4.034e-003	-3.212e-002
79	-7.715e-005	-5.730e-002	5.928e-006	2.541e-002	-1.741e-004	-2.483e-002
80	1.527e-002	-5.743e-002	-3.969e-004	-1.794e-002	3.845e-003	-3.226e-002
81	2.474e-002	-5.741e-002	-8.340e-003	-6.540e-003	7.864e-003	-3.411e-003
82	1.705e-002	-5.723e-002	1.118e-003	5.370e-002	1.188e-002	3.466e-002
83	-1.851e-002	6.091e-002	4.598e-004	-2.610e-002	-6.075e-003	5.343e-002
84	1.859e-002	-6.089e-002	4.381e-004	2.602e-002	6.226e-003	5.330e-002
85	-1.850e-002	-6.089e-002	-4.473e-004	2.611e-002	-6.097e-003	5.345e-002
86	-9.965e-005	-5.981e-002	1.517e-005	-5.690e-003	-8.005e-005	2.926e-004
87	1.866e-002	6.091e-002	-4.581e-004	-2.603e-002	6.052e-003	5.333e-002
88	-5.433e-005	5.979e-002	-2.459e-006	5.503e-003	-1.823e-004	1.964e-004
89	-1.909e-002	5.617e-002	-3.047e-005	-2.890e-003	-2.237e-003	6.409e-002
90	-2.827e-002	5.627e-002	-4.395e-003	-1.137e-002	-1.532e-003	-1.885e-002
91	-1.040e-002	5.622e-002	-7.308e-003	2.255e-003	-8.268e-004	-4.380e-002
92	-7.773e-005	5.602e-002	-2.019e-005	3.008e-002	-1.217e-004	1.538e-002
93	1.030e-002	5.622e-002	7.262e-003	2.247e-003	6.363e-004	-4.403e-002
94	2.830e-002	5.627e-002	4.357e-003	-1.133e-002	1.394e-003	-1.913e-002
95	1.923e-002	5.616e-002	2.563e-005	-2.794e-003	2.152e-003	6.396e-002
96	-1.909e-002	-5.615e-002	4.533e-005	2.909e-003	-2.253e-003	6.412e-002
97	-2.827e-002	-5.625e-002	4.427e-003	1.141e-002	-1.495e-003	-1.883e-002
98	-1.041e-002	-5.620e-002	7.343e-003	-2.285e-003	-7.384e-004	-4.378e-002
99	-1.043e-004	-5.600e-002	1.851e-005	-3.021e-002	1.875e-005	1.543e-002
100	1.026e-002	-5.620e-002	-7.306e-003	-2.296e-003	7.997e-004	-4.401e-002
101	2.826e-002	-5.625e-002	-4.407e-003	1.134e-002	1.581e-003	-1.915e-002
102	1.919e-002	-5.615e-002	-6.834e-005	2.793e-003	2.362e-003	6.397e-002
103	1.933e-002	4.242e-002	1.774e-004	9.876e-003	-4.320e-006	1.075e-001
104	1.932e-002	-4.240e-002	-2.508e-004	-9.894e-003	1.857e-004	1.075e-001
105	-9.786e-005	-4.210e-002	9.923e-006	-4.579e-002	8.748e-005	9.808e-002
106	-8.792e-005	4.213e-002	-3.307e-005	4.568e-002	-5.043e-005	9.808e-002
107	-1.920e-002	-4.240e-002	2.136e-004	-9.791e-003	-1.094e-004	1.076e-001
108	-1.920e-002	4.242e-002	-1.965e-004	9.782e-003	-9.542e-005	1.075e-001
109	1.927e-002	2.127e-002	9.673e-005	9.797e-003	-8.031e-004	1.203e-001
110	-9.048e-005	-1.926e-002	-7.929e-006	-3.326e-002	1.080e-004	1.183e-001
111	-8.912e-005	1.930e-002	-3.544e-005	3.316e-002	2.091e-005	1.183e-001
112	1.927e-002	-2.124e-002	-1.974e-004	-9.811e-003	-6.880e-004	1.203e-001
113	-1.915e-002	-2.125e-002	1.513e-004	-9.757e-003	7.140e-004	1.203e-001
114	-1.915e-002	2.128e-002	-1.321e-004	9.732e-003	7.227e-004	1.203e-001
115	-1.910e-002	1.880e-005	1.002e-005	-1.539e-005	7.994e-004	9.913e-002
116	-2.947e-002	1.906e-005	2.088e-006	-1.921e-005	5.582e-004	-3.843e-002
117	-1.845e-003	1.928e-005	-8.952e-006	-2.804e-005	3.170e-004	-5.477e-002

Vettori modali 22 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
118	-8.802e-005	1.944e-005	-2.598e-005	-4.652e-005	7.588e-005	7.129e-002
119	1.735e-003	1.913e-005	-4.941e-005	-4.108e-005	-2.251e-004	-5.502e-002
120	2.950e-002	1.877e-005	-5.932e-005	-5.293e-007	-5.261e-004	-3.872e-002
121	1.922e-002	1.835e-005	-5.597e-005	1.600e-006	-8.272e-004	9.908e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	8.220e-007	1.434e-005	-6.081e-004	-7.455e-003	-5.235e-003	-5.232e-008
124	3.590e-006	-1.507e-005	6.053e-004	5.815e-003	-1.161e-002	-1.033e-007
125	-1.494e-004	-4.089e-005	5.206e-006	-5.424e-004	-2.380e-004	1.390e-007
126	-1.457e-004	1.460e-004	7.487e-006	1.997e-003	-1.947e-004	4.243e-008
127	-1.463e-004	-1.450e-004	1.054e-005	-3.432e-004	2.216e-004	7.592e-008
128	-2.739e-009	2.374e-009	9.437e-011	-7.802e-003	4.247e-004	6.266e-008
129	-3.983e-009	8.673e-010	4.311e-011	-5.796e-005	-4.470e-004	-3.788e-008
130	-5.672e-006	-1.415e-005	1.544e-005	-6.088e-003	3.264e-004	4.017e-009
131	-2.519e-009	-1.062e-009	-3.212e-011	9.348e-003	-3.016e-004	6.249e-008
132	-4.165e-005	3.963e-005	-2.230e-003	-2.413e-004	-1.113e-002	2.040e-008
133	-2.959e-005	-3.818e-005	2.217e-003	1.825e-003	-1.551e-002	-3.904e-008
134	-1.102e-004	8.572e-005	-1.388e-003	3.598e-003	-6.047e-003	-2.010e-008
135	-1.056e-004	-8.447e-005	1.381e-003	-5.157e-003	-8.669e-003	-3.923e-008
136	-1.494e-004	2.404e-007	2.659e-006	4.238e-005	2.150e-004	-6.716e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.494e-004	-4.089e-005	5.206e-006	1.717e-003	5.448e-005	1.086e-007
139	-1.457e-004	1.460e-004	7.487e-006	1.545e-003	9.174e-005	-3.330e-008
140	-1.463e-004	-1.450e-004	1.054e-005	-1.206e-004	-8.085e-005	-2.019e-008
141	-2.824e-005	2.474e-004	6.085e-004	-7.062e-003	9.400e-003	-1.665e-007
142	-2.647e-005	-2.487e-004	-6.031e-004	5.623e-003	5.985e-003	-1.791e-007
143	-1.494e-004	2.419e-007	2.659e-006	4.013e-005	-8.357e-005	-8.888e-008
144	-1.333e-004	1.708e-004	1.399e-003	4.025e-003	5.532e-003	6.989e-008
145	-1.496e-004	-1.698e-004	-1.360e-003	-5.369e-003	1.048e-002	-7.458e-009
146	-1.009e-004	2.053e-004	2.236e-003	-6.771e-004	7.828e-003	1.023e-008
147	-1.025e-004	-2.057e-004	-2.205e-003	1.990e-003	9.340e-003	-2.834e-008
148	2.819e-009	2.458e-004	1.334e-010	-8.093e-003	2.292e-003	1.992e-008
149	3.160e-009	-2.144e-006	-7.477e-011	-2.941e-005	-2.270e-003	-1.905e-008
150	2.775e-006	-7.729e-005	-1.599e-005	-2.683e-003	2.388e-003	1.856e-009
151	2.379e-009	-2.472e-004	-1.352e-010	9.387e-003	-2.422e-003	1.450e-008

Vettori modali 23 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.046e-005	5.438e-005	-2.009e-005	2.878e-003	1.882e-003	-3.320e-008
2	3.126e-005	5.749e-005	-8.875e-004	2.522e-003	-6.574e-003	-3.262e-008
3	-1.624e-005	4.388e-005	-9.491e-004	-5.993e-003	6.422e-004	1.318e-007
4	8.688e-006	5.871e-005	-2.418e-004	-1.013e-003	-8.760e-004	-2.554e-008
5	-4.373e-005	5.142e-006	2.161e-004	2.462e-003	-1.444e-001	4.719e-004
6	4.553e-005	6.100e-006	2.128e-004	2.421e-003	1.443e-001	-4.979e-004
7	-8.459e-006	-1.889e-006	2.730e-004	-1.358e-003	1.334e-003	-3.390e-008
8	2.066e-005	-7.597e-006	1.160e-003	-5.190e-003	-2.211e-003	1.146e-007
9	-2.859e-005	1.293e-005	9.430e-004	2.696e-003	7.108e-003	-1.720e-008
10	7.191e-006	2.332e-005	5.195e-005	1.400e-003	-1.612e-003	-1.955e-008
11	2.655e-008	2.674e-005	1.078e-006	-7.802e-004	4.719e-006	-1.515e-005
12	2.912e-006	4.172e-005	-6.782e-007	-2.110e-003	-5.493e-006	-1.343e-004
13	-1.260e-006	4.256e-005	-2.332e-006	-2.066e-003	8.542e-006	1.282e-004
14	4.637e-005	7.059e-005	-2.165e-004	2.467e-003	1.444e-001	5.046e-004
15	-4.709e-005	7.343e-005	-2.133e-004	2.427e-003	-1.442e-001	-5.256e-004
16	0.000e+000	0.000e+000	0.000e+000	2.820e-003	-8.772e-004	5.220e-004
17	0.000e+000	0.000e+000	0.000e+000	1.689e-004	-5.506e-006	4.144e-005
18	4.973e-006	4.211e-005	4.686e-005	1.039e-003	-2.963e-004	2.135e-004
19	0.000e+000	0.000e+000	0.000e+000	2.779e-003	8.849e-004	-5.517e-004

Vettori modali 23 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
20	-4.246e-006	1.509e-005	8.985e-004	7.805e-004	-1.017e-001	-2.337e-004
21	3.055e-006	9.469e-006	6.624e-005	6.488e-005	-1.303e-003	-8.127e-006
22	2.672e-005	1.458e-005	8.805e-004	7.559e-004	1.016e-001	2.144e-004
23	3.238e-006	2.847e-005	8.203e-004	-1.016e-003	-5.084e-002	8.126e-005
24	-2.509e-006	1.858e-005	6.033e-005	-7.999e-005	1.276e-003	6.131e-006
25	2.900e-006	2.952e-005	8.005e-004	-9.966e-004	5.080e-002	-4.367e-005
26	8.685e-007	2.950e-005	1.712e-006	-1.371e-004	6.912e-007	-3.275e-006
27	6.760e-006	5.140e-005	-8.224e-004	-1.017e-003	5.083e-002	7.112e-005
28	3.765e-006	4.116e-005	-5.676e-005	-7.801e-005	-1.294e-003	2.931e-006
29	-9.129e-006	5.317e-005	-8.051e-004	-9.945e-004	-5.079e-002	-2.743e-005
30	1.543e-005	6.091e-005	-8.998e-004	7.821e-004	1.017e-001	-2.253e-004
31	-1.141e-006	5.411e-005	-6.278e-005	6.085e-005	6.454e-004	3.605e-006
32	-3.865e-005	6.180e-005	-8.829e-004	7.607e-004	-1.016e-001	2.059e-004
33	0.000e+000	6.930e-005	0.000e+000	2.825e-003	8.778e-004	5.529e-004
34	0.000e+000	6.640e-005	0.000e+000	1.606e-004	4.250e-006	5.235e-006
35	-4.982e-006	9.843e-005	-4.660e-005	1.036e-003	2.957e-004	1.996e-004
36	0.000e+000	7.167e-005	0.000e+000	2.785e-003	-8.838e-004	-5.566e-004
37	-6.575e-002	3.915e-003	8.413e-004	-1.373e-002	-9.596e-002	1.816e-003
38	6.570e-002	3.935e-003	8.380e-004	-1.376e-002	9.588e-002	-1.810e-003
39	1.971e-007	3.491e-003	-7.589e-007	-9.354e-003	-5.105e-006	-7.687e-003
40	1.958e-006	3.488e-003	-2.483e-006	-9.373e-003	3.994e-006	7.656e-003
41	6.575e-002	3.974e-003	-8.417e-004	-1.370e-002	9.595e-002	1.838e-003
42	-6.570e-002	3.997e-003	-8.385e-004	-1.373e-002	-9.588e-002	-1.830e-003
43	-7.852e-002	9.582e-003	1.464e-003	-5.941e-003	4.971e-002	3.160e-003
44	7.846e-002	9.608e-003	1.460e-003	-5.932e-003	-4.967e-002	-3.122e-003
45	-1.650e-006	7.282e-003	-8.369e-007	-4.624e-003	-1.902e-006	-1.524e-002
46	2.444e-006	7.293e-003	-2.626e-006	-4.650e-003	-1.936e-006	1.518e-002
47	7.852e-002	9.615e-003	-1.464e-003	-5.869e-003	-4.971e-002	3.172e-003
48	-7.845e-002	9.642e-003	-1.461e-003	-5.859e-003	4.967e-002	-3.134e-003
49	-2.034e-002	7.686e-003	2.110e-003	1.352e-002	1.535e-001	4.569e-003
50	2.033e-002	7.700e-003	2.107e-003	1.355e-002	-1.534e-001	-4.499e-003
51	-2.085e-002	7.740e-003	4.724e-003	-1.613e-003	1.024e-001	-6.692e-003
52	2.081e-002	7.755e-003	4.725e-003	-1.619e-003	-1.023e-001	6.718e-003
53	-1.281e-002	7.769e-003	2.042e-003	-7.501e-003	5.118e-002	-2.557e-002
54	1.277e-002	7.783e-003	2.039e-003	-7.509e-003	-5.114e-002	2.552e-002
55	-1.383e-006	7.771e-003	-9.154e-007	1.670e-003	2.891e-006	-2.316e-002
56	4.133e-007	7.785e-003	-2.765e-006	1.689e-003	-4.957e-006	2.308e-002
57	1.281e-002	7.769e-003	-2.048e-003	-7.513e-003	-5.117e-002	-2.557e-002
58	-1.277e-002	7.783e-003	-2.048e-003	-7.519e-003	5.113e-002	2.552e-002
59	2.085e-002	7.741e-003	-4.733e-003	-1.610e-003	-1.024e-001	-6.695e-003
60	-2.081e-002	7.755e-003	-4.736e-003	-1.611e-003	1.023e-001	6.719e-003
61	2.034e-002	7.687e-003	-2.111e-003	1.355e-002	-1.535e-001	4.570e-003
62	-2.033e-002	7.701e-003	-2.108e-003	1.359e-002	1.534e-001	-4.502e-003
63	-5.195e-002	-3.457e-003	2.693e-003	2.649e-002	-1.243e-001	-3.294e-003
64	-1.702e-006	5.021e-004	-2.802e-006	2.443e-002	-3.230e-006	-2.997e-002
65	5.195e-002	-3.462e-003	-2.693e-003	2.648e-002	1.243e-001	-3.297e-003
66	5.199e-002	-3.450e-003	2.696e-003	2.643e-002	1.244e-001	3.417e-003
67	5.782e-007	5.173e-004	-9.172e-007	2.435e-002	4.470e-006	2.985e-002
68	-5.199e-002	-3.454e-003	-2.697e-003	2.643e-002	-1.244e-001	3.418e-003
69	4.402e-002	-1.061e-002	3.354e-003	-5.163e-004	-1.972e-002	-8.413e-002
70	7.033e-002	-1.046e-002	7.142e-004	-8.885e-003	-3.944e-002	-2.349e-002
71	-7.244e-002	-1.028e-002	3.299e-003	-6.114e-003	5.916e-002	-2.028e-003
72	-7.033e-002	-1.046e-002	-7.157e-004	-8.891e-003	3.944e-002	-2.349e-002
73	-4.402e-002	-1.061e-002	-3.359e-003	-5.216e-004	1.972e-002	-8.413e-002
74	-1.981e-006	-1.072e-002	-2.831e-006	1.550e-002	2.506e-006	-8.574e-002

Vettori modali 23 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
75	7.244e-002	-1.028e-002	-3.300e-003	-6.118e-003	-5.916e-002	-2.030e-003
76	7.250e-002	-1.025e-002	3.303e-003	-6.155e-003	-5.923e-002	2.206e-003
77	7.031e-002	-1.043e-002	-7.270e-004	-8.908e-003	-3.949e-002	2.361e-002
78	4.398e-002	-1.058e-002	-3.370e-003	-5.057e-004	-1.974e-002	8.411e-002
79	1.932e-006	-1.069e-002	-9.158e-007	1.553e-002	8.921e-008	8.558e-002
80	-4.398e-002	-1.058e-002	3.369e-003	-5.028e-004	1.974e-002	8.411e-002
81	-7.031e-002	-1.043e-002	7.272e-004	-8.906e-003	3.949e-002	2.361e-002
82	-7.250e-002	-1.025e-002	-3.303e-003	-6.160e-003	5.923e-002	2.207e-003
83	-5.459e-002	-7.427e-003	1.085e-002	-1.808e-002	1.387e-001	-1.313e-002
84	-5.462e-002	-7.361e-003	-1.101e-002	-1.815e-002	1.389e-001	1.324e-002
85	5.462e-002	-7.361e-003	1.101e-002	-1.815e-002	-1.389e-001	1.324e-002
86	1.735e-006	-7.900e-003	-8.354e-007	7.112e-003	-2.157e-006	5.235e-002
87	5.459e-002	-7.427e-003	-1.085e-002	-1.808e-002	-1.387e-001	-1.313e-002
88	-1.313e-006	-8.002e-003	-2.565e-006	7.132e-003	4.870e-006	-5.262e-002
89	-3.080e-002	-2.679e-003	2.919e-002	-1.967e-002	1.698e-001	-1.658e-002
90	-2.534e-002	-2.657e-003	2.199e-002	-1.611e-002	1.132e-001	-1.333e-002
91	-1.514e-002	-2.625e-003	1.184e-002	-2.586e-002	5.660e-002	-2.935e-002
92	-4.774e-007	-2.585e-003	-1.938e-006	-1.985e-002	5.991e-006	-2.988e-002
93	1.514e-002	-2.625e-003	-1.184e-002	-2.585e-002	-5.659e-002	-2.935e-002
94	2.534e-002	-2.657e-003	-2.199e-002	-1.611e-002	-1.132e-001	-1.333e-002
95	3.080e-002	-2.679e-003	-2.919e-002	-1.967e-002	-1.698e-001	-1.658e-002
96	3.082e-002	-2.600e-003	2.935e-002	-1.969e-002	-1.698e-001	1.658e-002
97	2.533e-002	-2.576e-003	2.213e-002	-1.621e-002	-1.132e-001	1.341e-002
98	1.511e-002	-2.544e-003	1.191e-002	-2.603e-002	-5.659e-002	2.936e-002
99	1.307e-006	-2.503e-003	-5.119e-007	-1.992e-002	-3.337e-006	2.970e-002
100	-1.510e-002	-2.544e-003	-1.191e-002	-2.603e-002	5.658e-002	2.936e-002
101	-2.533e-002	-2.576e-003	-2.213e-002	-1.621e-002	1.132e-001	1.341e-002
102	-3.082e-002	-2.600e-003	-2.935e-002	-1.969e-002	1.697e-001	1.659e-002
103	1.121e-002	2.661e-003	-5.456e-002	-2.046e-002	-1.597e-001	-2.133e-002
104	-1.125e-002	2.731e-003	-5.470e-002	-2.045e-002	1.594e-001	2.119e-002
105	9.109e-007	3.747e-003	-8.835e-009	-4.247e-002	-3.142e-006	7.801e-003
106	2.406e-007	3.690e-003	-1.020e-006	-4.246e-002	5.990e-006	-8.007e-003
107	1.125e-002	2.731e-003	5.470e-002	-2.045e-002	-1.594e-001	2.119e-002
108	-1.122e-002	2.661e-003	5.456e-002	-2.046e-002	1.597e-001	-2.133e-002
109	1.450e-003	7.395e-003	-7.770e-002	-1.517e-002	-9.825e-002	-1.601e-002
110	7.287e-007	8.154e-003	4.044e-007	-7.138e-002	-1.413e-006	-2.696e-003
111	6.312e-007	8.130e-003	-1.101e-007	-7.138e-002	4.232e-006	2.525e-003
112	-1.507e-003	7.432e-003	-7.778e-002	-1.515e-002	9.786e-002	1.581e-002
113	1.507e-003	7.432e-003	7.778e-002	-1.516e-002	-9.786e-002	1.581e-002
114	-1.450e-003	7.395e-003	7.770e-002	-1.517e-002	9.826e-002	-1.601e-002
115	3.343e-005	9.323e-003	8.734e-002	-5.120e-003	2.145e-004	-9.177e-005
116	4.553e-005	9.545e-003	8.428e-002	-2.808e-002	1.434e-004	3.273e-005
117	1.611e-005	9.734e-003	5.296e-002	-1.004e-001	7.239e-005	7.060e-005
118	7.146e-007	9.891e-003	4.218e-007	-1.043e-001	1.327e-006	-3.110e-005
119	-1.498e-005	9.734e-003	-5.296e-002	-1.004e-001	-7.056e-005	7.188e-005
120	-4.519e-005	9.545e-003	-8.428e-002	-2.808e-002	-1.424e-004	3.453e-005
121	-3.368e-005	9.323e-003	-8.733e-002	-5.119e-003	-2.143e-004	-9.149e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-4.372e-005	5.142e-006	2.161e-004	3.461e-003	-1.044e-003	-9.650e-008
124	4.553e-005	6.101e-006	2.128e-004	4.902e-003	6.716e-003	1.558e-007
125	2.614e-008	2.674e-005	1.078e-006	-1.352e-003	2.621e-004	-2.650e-008
126	2.912e-006	4.172e-005	-6.782e-007	-3.157e-003	2.473e-004	2.606e-008
127	-1.260e-006	4.256e-005	-2.332e-006	-4.574e-003	-2.494e-004	-3.736e-008
128	-2.845e-009	1.227e-009	5.954e-011	1.891e-003	-1.732e-003	6.234e-008
129	-1.331e-009	2.274e-009	2.068e-011	1.978e-004	1.717e-003	-2.604e-008

Vettori modali 23 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
130	4.975e-006	4.211e-005	4.686e-005	1.305e-002	-2.144e-003	-8.416e-009
131	2.803e-009	2.199e-011	-4.366e-012	4.059e-004	2.392e-003	-4.180e-008
132	-4.243e-006	1.509e-005	8.985e-004	-1.972e-004	-7.183e-003	1.422e-008
133	2.672e-005	1.458e-005	8.805e-004	-1.699e-003	-3.187e-004	3.989e-008
134	3.237e-006	2.847e-005	8.203e-004	-1.231e-004	8.937e-004	-4.209e-008
135	2.900e-006	2.953e-005	8.005e-004	1.370e-003	-1.727e-003	1.400e-008
136	8.690e-007	2.950e-005	1.712e-006	-1.543e-004	-2.524e-004	3.325e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.689e-008	2.674e-005	1.078e-006	-2.665e-003	-1.322e-004	-1.178e-008
139	2.912e-006	4.172e-005	-6.782e-007	-3.157e-003	-1.423e-004	-8.494e-009
140	-1.259e-006	4.256e-005	-2.332e-006	-4.486e-003	1.479e-004	-7.629e-009
141	4.637e-005	7.059e-005	-2.165e-004	3.443e-003	3.620e-004	-1.528e-007
142	-4.709e-005	7.343e-005	-2.133e-004	4.801e-003	-4.549e-003	1.869e-007
143	8.682e-007	2.950e-005	1.712e-006	-1.581e-004	1.341e-004	-6.164e-009
144	6.760e-006	5.140e-005	-8.224e-004	-1.285e-004	-8.924e-004	-7.910e-009
145	-9.129e-006	5.317e-005	-8.051e-004	1.277e-003	1.299e-003	5.148e-009
146	1.543e-005	6.091e-005	-8.998e-004	-1.830e-004	6.328e-003	-1.002e-009
147	-3.865e-005	6.180e-005	-8.829e-004	-1.594e-003	3.274e-003	3.749e-008
148	3.072e-009	6.930e-005	4.542e-011	1.969e-003	1.677e-003	3.239e-008
149	1.549e-009	6.640e-005	-3.657e-012	1.937e-004	-1.662e-003	-1.070e-008
150	-4.985e-006	9.843e-005	-4.660e-005	1.248e-002	2.080e-003	-1.206e-008
151	-2.856e-009	7.167e-005	6.090e-011	5.537e-004	-2.325e-003	-2.120e-008

Vettori modali 24 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-8.823e-004	-1.175e-004	-1.536e-002	-5.805e-002	3.972e-001	-2.758e-006
2	7.446e-003	4.916e-003	-2.002e-001	1.609e+000	-2.857e+000	-8.564e-006
3	4.029e-004	-3.349e-004	-3.114e-002	-5.267e-002	2.827e-001	2.666e-006
4	-2.503e-003	3.037e-003	2.844e-001	8.366e-001	1.391e+000	1.250e-005
5	-4.685e-004	-7.069e-005	3.373e-004	4.192e-003	1.055e-003	1.335e-003
6	-5.333e-004	-6.676e-006	1.456e-004	1.787e-003	-1.582e-005	6.504e-003
7	2.159e-003	2.532e-003	-2.382e-001	6.998e-001	-1.166e+000	6.559e-006
8	-2.965e-004	-3.652e-004	2.609e-002	-4.099e-002	-2.380e-001	2.145e-006
9	-6.105e-003	4.155e-003	1.673e-001	1.347e+000	2.390e+000	-4.206e-006
10	8.755e-004	-1.479e-004	1.278e-002	-5.199e-002	-3.309e-001	-1.872e-006
11	1.123e-004	9.575e-005	-2.253e-004	-7.962e-003	-7.342e-004	3.804e-004
12	1.285e-004	1.853e-004	3.816e-004	-3.876e-003	1.451e-003	-1.381e-003
13	1.062e-004	-1.690e-004	3.020e-004	-1.284e-003	-1.312e-003	-2.005e-003
14	5.930e-004	-3.380e-004	-2.824e-004	3.516e-003	-5.056e-004	1.953e-003
15	6.434e-004	7.544e-005	-9.508e-005	1.158e-003	-4.520e-004	7.871e-003
16	0.000e+000	0.000e+000	0.000e+000	4.230e-003	4.479e-004	7.268e-003
17	0.000e+000	0.000e+000	0.000e+000	9.466e-003	-8.884e-004	3.291e-004
18	-7.677e-004	2.332e-004	2.245e-004	6.923e-003	-5.946e-004	-3.057e-004
19	0.000e+000	0.000e+000	0.000e+000	1.838e-003	1.015e-003	5.673e-003
20	6.079e-003	5.457e-005	1.825e-003	2.324e-003	1.172e-003	-9.384e-003
21	-2.716e-004	-5.409e-005	4.207e-003	6.299e-003	1.095e-001	9.792e-004
22	-1.346e-003	-1.813e-004	7.424e-004	9.006e-004	-3.992e-004	-3.753e-004
23	1.450e-003	8.916e-005	1.949e-003	-1.777e-003	1.312e-003	1.162e-002
24	-6.052e-004	-2.542e-005	4.329e-003	-5.646e-003	2.965e-001	-6.149e-004
25	-9.466e-004	-1.589e-004	8.148e-004	-5.647e-004	-8.556e-004	-1.584e-003
26	1.064e-004	8.004e-005	-3.138e-004	-1.130e-002	2.567e-005	-7.878e-004
27	-1.526e-003	2.645e-006	-1.318e-003	-2.266e-003	7.621e-004	1.400e-002
28	9.303e-004	-2.898e-006	-5.148e-003	-5.998e-003	-3.539e-001	-6.630e-004
29	1.305e-003	-1.280e-004	-2.839e-004	-8.722e-004	-1.009e-003	-1.813e-003
30	-7.135e-003	-1.116e-004	-1.496e-003	1.674e-003	7.311e-005	-1.105e-002
31	4.422e-004	1.709e-005	-4.864e-003	7.393e-003	-1.316e-001	1.425e-003

Vettori modali 24 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
32	1.686e-003	-1.364e-004	-4.369e-004	3.383e-004	-7.064e-004	-2.235e-004
33	0.000e+000	-2.705e-004	0.000e+000	3.538e-003	-5.295e-004	9.171e-003
34	0.000e+000	1.716e-004	0.000e+000	1.089e-002	1.059e-003	5.446e-004
35	9.228e-004	4.202e-004	-2.680e-004	7.659e-003	7.106e-004	-6.165e-004
36	0.000e+000	8.133e-005	0.000e+000	1.204e-003	-1.214e-003	6.824e-003
37	3.470e-005	-1.285e-003	3.560e-004	6.169e-004	8.964e-004	1.169e-003
38	-5.138e-004	-5.339e-004	1.573e-004	3.024e-004	2.517e-004	4.765e-003
39	5.726e-004	1.537e-003	4.106e-004	-1.242e-003	2.438e-004	-1.012e-003
40	-3.183e-004	2.626e-004	3.256e-004	-4.349e-004	-3.610e-004	-1.600e-003
41	3.193e-004	-1.400e-003	-2.860e-004	5.536e-004	-6.485e-004	1.412e-003
42	4.154e-004	-3.033e-004	-9.450e-005	3.233e-004	-5.713e-004	5.860e-003
43	3.280e-004	-8.132e-004	3.730e-004	-2.132e-003	2.162e-004	1.004e-003
44	-2.354e-004	-3.594e-004	1.682e-004	-8.459e-004	8.256e-004	3.026e-003
45	3.753e-004	1.348e-003	4.376e-004	1.756e-003	-9.214e-004	-6.425e-004
46	-2.616e-004	2.762e-004	3.477e-004	3.086e-004	5.134e-004	-1.196e-003
47	-2.156e-005	-9.201e-004	-2.882e-004	-2.180e-003	-6.479e-004	8.713e-004
48	6.986e-005	-2.467e-004	-9.349e-005	-4.871e-004	-7.596e-004	3.848e-003
49	2.237e-004	2.835e-004	3.890e-004	-1.302e-003	-5.568e-004	8.301e-004
50	2.149e-004	7.382e-005	1.788e-004	-4.853e-004	7.516e-004	1.202e-003
51	-1.023e-004	2.910e-004	-1.241e-005	-3.935e-004	-6.451e-004	5.030e-004
52	-1.916e-004	7.622e-005	1.314e-004	1.693e-004	6.894e-004	4.684e-004
53	-2.280e-004	2.972e-004	1.480e-005	5.044e-004	-7.334e-004	2.063e-005
54	-2.169e-004	7.829e-005	2.521e-004	2.729e-004	6.272e-004	-3.386e-004
55	-1.544e-004	3.022e-004	4.638e-004	1.394e-003	-8.217e-004	-2.553e-004
56	6.994e-005	8.002e-005	3.691e-004	2.456e-004	5.651e-004	-7.716e-004
57	-1.122e-004	2.951e-004	8.633e-004	9.755e-005	-5.815e-004	2.497e-005
58	3.953e-004	7.828e-005	4.199e-004	-1.296e-004	2.483e-004	-4.075e-004
59	-1.483e-004	2.867e-004	5.196e-004	-1.431e-003	-3.413e-004	1.163e-004
60	3.389e-004	7.620e-005	2.256e-004	-6.365e-004	-6.856e-005	6.972e-004
61	-2.376e-004	2.771e-004	-2.891e-004	-1.677e-003	-1.012e-004	3.042e-004
62	-2.548e-004	7.380e-005	-9.195e-005	-5.684e-004	-3.854e-004	1.739e-003
63	4.213e-004	2.124e-004	1.859e-004	-5.954e-005	6.381e-005	5.083e-004
64	2.368e-004	5.315e-005	3.838e-004	-7.155e-005	1.206e-004	-2.319e-004
65	-3.170e-004	1.674e-004	-9.156e-005	8.256e-005	1.433e-004	1.163e-003
66	-8.620e-005	4.555e-004	4.010e-004	4.625e-004	-6.358e-004	9.865e-004
67	-3.584e-004	-8.653e-005	4.812e-004	3.031e-004	-3.242e-005	-6.892e-004
68	-1.257e-004	4.420e-004	-2.916e-004	6.688e-004	4.795e-004	3.046e-004
69	1.072e-004	1.038e-004	2.845e-004	-4.059e-004	-2.267e-006	1.007e-004
70	3.904e-005	1.044e-004	4.970e-005	-4.958e-004	2.359e-004	2.280e-004
71	2.699e-004	1.108e-004	1.925e-004	4.403e-004	-5.846e-004	-2.210e-004
72	3.983e-004	1.085e-004	4.252e-004	3.893e-004	-4.699e-004	-1.783e-004
73	3.718e-004	1.058e-004	4.887e-004	-1.196e-004	-3.551e-004	2.883e-004
74	1.915e-004	1.027e-004	3.976e-004	-8.561e-005	-2.404e-004	3.355e-004
75	-1.405e-004	1.046e-004	-9.073e-005	1.090e-005	4.740e-004	5.571e-004
76	-2.625e-004	-1.133e-006	4.117e-004	1.096e-003	3.032e-005	1.151e-003
77	-7.396e-004	-6.865e-006	8.659e-004	5.608e-004	1.806e-004	6.049e-004
78	-7.166e-004	-1.257e-005	8.443e-004	-5.976e-004	3.309e-004	-6.921e-004
79	-2.176e-004	-1.822e-005	4.973e-004	-5.062e-004	4.811e-004	-1.145e-003
80	1.736e-004	-1.422e-005	1.087e-004	-9.984e-004	4.181e-004	-4.806e-004
81	2.420e-004	-1.016e-005	-2.989e-004	-5.469e-004	3.551e-004	1.546e-004
82	1.037e-004	-6.062e-006	-2.930e-004	6.402e-004	2.920e-004	3.050e-004
83	1.577e-004	4.774e-005	1.483e-004	4.837e-004	-6.545e-004	-2.229e-004
84	1.297e-004	-9.086e-005	-3.042e-004	5.111e-004	7.206e-006	1.807e-004
85	-2.269e-004	-9.885e-005	3.994e-004	9.559e-004	3.517e-004	9.823e-004
86	-1.266e-004	-5.366e-005	4.638e-004	-1.986e-004	5.139e-004	-1.178e-003

Vettori modali 24 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
87	-5.602e-005	5.657e-005	-5.624e-005	5.712e-005	4.627e-004	5.314e-004
88	1.426e-004	6.357e-005	3.815e-004	1.376e-004	-2.854e-004	4.552e-004
89	6.397e-005	-1.085e-005	7.929e-005	6.285e-004	-5.547e-004	-1.824e-004
90	1.848e-004	-8.246e-006	3.424e-004	3.828e-004	-4.700e-004	-2.306e-004
91	2.220e-004	-5.602e-006	4.059e-004	-8.956e-005	-3.853e-004	1.033e-004
92	9.696e-005	-2.935e-006	3.511e-004	3.085e-005	-3.006e-004	3.739e-004
93	4.979e-005	-2.405e-006	3.106e-004	-2.447e-004	-1.039e-004	-7.880e-005
94	8.953e-005	-1.864e-006	1.328e-004	-4.357e-004	9.285e-005	-1.153e-005
95	2.740e-006	-1.315e-006	-1.192e-005	-5.664e-005	2.896e-004	4.231e-004
96	-1.523e-004	-1.436e-004	3.452e-004	9.910e-004	6.206e-004	7.211e-004
97	-4.414e-004	-1.390e-004	7.546e-004	5.070e-004	5.735e-004	3.437e-004
98	-4.054e-004	-1.338e-004	7.361e-004	-5.416e-004	5.264e-004	-4.920e-004
99	-4.971e-005	-1.281e-004	4.103e-004	-5.225e-004	4.794e-004	-8.586e-004
100	2.221e-004	-1.305e-004	8.396e-005	-7.768e-004	2.329e-004	-2.672e-004
101	2.202e-004	-1.324e-004	-2.352e-004	-4.617e-004	-1.348e-005	2.167e-004
102	1.103e-004	-1.337e-004	-2.894e-004	2.571e-004	-2.599e-004	1.089e-004
103	2.442e-005	-6.625e-005	1.430e-005	3.601e-005	6.044e-005	4.290e-004
104	6.529e-005	-1.607e-004	-2.319e-004	2.565e-004	-4.815e-004	-3.690e-005
105	6.037e-006	-1.706e-004	3.433e-004	-4.482e-004	4.093e-004	-4.601e-004
106	5.965e-005	-7.156e-005	3.075e-004	1.362e-005	-2.734e-004	4.629e-004
107	-6.900e-005	-1.741e-004	2.402e-004	9.740e-004	7.479e-004	4.066e-004
108	9.855e-006	-7.827e-005	1.269e-005	7.349e-004	-3.222e-004	9.376e-006
109	2.076e-005	-1.377e-004	2.272e-006	6.161e-005	-1.905e-004	3.246e-004
110	3.209e-005	-1.920e-004	2.893e-004	-3.787e-004	2.146e-004	-1.376e-004
111	4.220e-005	-1.441e-004	2.736e-004	-1.144e-004	-1.180e-004	3.730e-004
112	2.714e-005	-1.847e-004	-1.420e-004	1.726e-004	-5.206e-004	-3.192e-005
113	-1.581e-005	-1.905e-004	1.180e-004	9.212e-004	6.269e-004	2.079e-004
114	-3.468e-006	-1.450e-004	-1.298e-005	8.069e-004	2.602e-005	9.634e-005
115	-9.847e-007	-1.850e-004	2.460e-005	8.623e-004	3.571e-004	9.664e-005
116	2.532e-006	-1.860e-004	3.720e-004	4.855e-004	2.505e-004	-7.889e-005
117	4.327e-005	-1.863e-004	4.347e-004	-2.054e-004	1.440e-004	-6.154e-005
118	3.827e-005	-1.857e-004	2.675e-004	-3.269e-004	3.745e-005	9.855e-005
119	2.902e-005	-1.851e-004	1.243e-004	-2.936e-004	-1.066e-004	-2.808e-005
120	4.015e-005	-1.838e-004	-3.702e-006	-2.175e-004	-2.507e-004	1.859e-006
121	1.451e-005	-1.816e-004	-5.400e-005	3.340e-005	-3.947e-004	1.126e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-4.690e-004	-7.078e-005	3.373e-004	-1.014e-001	2.381e+000	3.519e-006
124	-5.335e-004	-6.651e-006	1.456e-004	5.090e-002	3.535e-001	7.774e-006
125	1.123e-004	9.575e-005	-2.253e-004	5.783e-002	2.778e-002	8.891e-008
126	1.285e-004	1.853e-004	3.816e-004	1.030e-001	3.067e-002	-3.299e-007
127	1.062e-004	-1.690e-004	3.020e-004	-4.947e-002	-2.997e-002	-1.137e-007
128	1.284e-007	6.284e-008	-6.877e-010	1.050e-001	1.252e+000	-2.278e-006
129	5.641e-007	-7.968e-009	-3.548e-008	7.502e-003	-1.248e+000	5.083e-006
130	-7.681e-004	2.332e-004	2.245e-004	3.865e-001	1.236e+000	5.614e-006
131	1.793e-007	-1.684e-008	-3.351e-009	-4.729e-002	-1.232e+000	-4.908e-006
132	6.079e-003	5.459e-005	1.825e-003	1.097e-001	-3.251e+000	-5.758e-006
133	-1.346e-003	-1.813e-004	7.424e-004	-4.740e-002	3.072e-001	9.802e-007
134	1.450e-003	8.915e-005	1.949e-003	-1.093e-001	-3.037e-001	-2.893e-006
135	-9.466e-004	-1.589e-004	8.148e-004	4.747e-002	3.944e-001	3.547e-007
136	1.064e-004	8.005e-005	-3.138e-004	-1.292e-002	-2.846e-002	-4.824e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.123e-004	9.575e-005	-2.253e-004	6.583e-002	-3.819e-002	2.056e-007
139	1.285e-004	1.853e-004	3.816e-004	1.239e-001	-3.564e-002	-3.933e-007
140	1.062e-004	-1.690e-004	3.020e-004	-5.889e-002	3.584e-002	-1.205e-007
141	5.935e-004	-3.381e-004	-2.824e-004	-1.226e-001	-2.842e+000	1.848e-006

Vettori modali 24 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
142	6.435e-004	7.548e-005	-9.508e-005	5.988e-002	-4.230e-001	1.009e-005
143	1.064e-004	8.006e-005	-3.138e-004	-1.333e-002	3.735e-002	-7.260e-007
144	-1.526e-003	2.634e-006	-1.318e-003	-1.308e-001	3.654e-001	-4.466e-006
145	1.305e-003	-1.280e-004	-2.839e-004	5.660e-002	-4.782e-001	6.531e-007
146	-7.135e-003	-1.116e-004	-1.496e-003	1.299e-001	3.892e+000	-1.243e-005
147	1.686e-003	-1.364e-004	-4.369e-004	-5.747e-002	-3.649e-001	1.211e-006
148	-1.556e-007	-2.704e-004	6.227e-010	1.238e-001	-1.497e+000	-1.747e-006
149	-6.745e-007	1.716e-004	4.251e-008	8.469e-003	1.491e+000	1.103e-005
150	9.233e-004	4.203e-004	-2.680e-004	4.655e-001	-1.478e+000	8.862e-006
151	-2.126e-007	8.131e-005	3.979e-009	-5.754e-002	1.473e+000	-4.554e-006

Vettori modali 25 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-7.713e-004	-9.219e-005	-1.327e-002	-4.557e-002	3.345e-001	-2.055e-006
2	6.225e-003	3.917e-003	-1.674e-001	1.338e+000	-2.389e+000	-6.817e-006
3	3.124e-004	-3.088e-004	-2.650e-002	-4.786e-002	2.414e-001	2.551e-006
4	-2.068e-003	2.386e-003	2.363e-001	6.940e-001	1.151e+000	1.032e-005
5	5.445e-004	9.259e-005	2.754e-004	3.394e-003	2.668e-003	-1.425e-003
6	6.508e-004	7.036e-008	2.660e-004	3.312e-003	-2.944e-003	-7.964e-003
7	-2.525e-003	-3.008e-003	2.830e-001	-8.300e-001	1.379e+000	-7.710e-006
8	3.582e-004	4.434e-004	-3.192e-002	5.527e-002	2.893e-001	-2.873e-006
9	7.377e-003	-4.922e-003	-2.000e-001	-1.602e+000	-2.857e+000	4.660e-006
10	-9.482e-004	1.536e-004	-1.568e-002	5.758e-002	3.980e-001	1.844e-006
11	1.757e-004	-1.115e-005	-2.445e-003	6.988e-004	-8.045e-003	7.404e-005
12	3.116e-004	-1.602e-004	4.254e-003	3.493e-004	1.599e-002	1.710e-004
13	1.494e-004	5.164e-005	3.340e-003	1.144e-004	-1.440e-002	1.923e-004
14	4.804e-004	-5.203e-004	3.328e-004	-4.107e-003	2.798e-003	1.423e-003
15	5.483e-004	1.264e-004	2.868e-004	-3.566e-003	-2.943e-003	6.696e-003
16	0.000e+000	0.000e+000	0.000e+000	3.466e-003	-5.117e-004	-8.497e-003
17	0.000e+000	0.000e+000	0.000e+000	-8.592e-003	1.062e-003	-5.187e-004
18	9.130e-004	-3.056e-004	-2.695e-004	-4.618e-003	7.174e-004	3.405e-004
19	0.000e+000	0.000e+000	0.000e+000	3.331e-003	-1.232e-003	-6.898e-003
20	-7.252e-003	-2.568e-005	1.675e-003	3.433e-003	6.608e-003	1.099e-002
21	3.805e-004	7.658e-005	-3.971e-003	-6.618e-003	-1.289e-001	-1.361e-003
22	1.703e-003	1.735e-004	1.623e-003	3.050e-003	-6.333e-003	2.098e-004
23	-1.586e-003	-4.445e-005	3.359e-003	2.923e-003	1.130e-002	-1.414e-002
24	8.689e-004	6.044e-005	-4.883e-003	2.458e-003	-3.500e-001	7.493e-004
25	1.267e-003	9.656e-005	2.881e-003	1.784e-003	-1.037e-002	2.230e-003
26	8.642e-005	-3.020e-005	-3.412e-003	9.909e-004	3.017e-004	1.284e-004
27	-1.295e-003	-2.709e-004	3.656e-003	-2.552e-003	1.135e-002	1.176e-002
28	7.651e-004	-9.257e-005	-4.052e-003	-1.438e-003	-2.923e-001	-7.321e-004
29	1.081e-003	1.022e-005	2.978e-003	-1.659e-003	-1.037e-002	-1.945e-003
30	-6.020e-003	-3.399e-004	1.979e-003	-3.793e-003	6.700e-003	-9.216e-003
31	3.601e-004	-7.357e-005	-3.178e-003	5.412e-003	-1.092e-001	1.158e-003
32	1.437e-003	-3.949e-005	1.726e-003	-3.161e-003	-6.332e-003	-1.386e-004
33	0.000e+000	-4.641e-004	0.000e+000	-4.186e-003	-4.227e-004	7.524e-003
34	0.000e+000	5.604e-005	0.000e+000	6.816e-003	8.849e-004	6.910e-004
35	7.609e-004	3.321e-004	-2.248e-004	3.346e-003	5.992e-004	-2.353e-004
36	0.000e+000	1.319e-004	0.000e+000	-3.593e-003	-1.030e-003	5.841e-003
37	1.664e-003	-5.959e-004	3.585e-004	-2.751e-004	1.234e-003	-8.428e-005
38	-6.619e-004	-7.900e-004	3.329e-004	5.006e-005	-2.003e-003	-6.469e-003
39	5.345e-003	-2.345e-004	4.573e-003	-7.515e-005	3.457e-003	1.171e-004
40	-4.451e-003	-6.777e-006	3.603e-003	1.100e-004	-3.456e-003	1.484e-004
41	1.662e-003	4.565e-004	4.182e-004	-2.131e-004	1.346e-003	7.404e-005
42	-7.597e-004	9.575e-004	3.545e-004	4.880e-005	-1.955e-003	5.542e-003
43	1.457e-003	-7.242e-005	4.400e-004	-1.288e-003	-2.039e-003	1.257e-003

Vettori modali 25 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
44	-1.072e-003	-3.568e-004	3.983e-004	-1.336e-003	4.522e-004	-4.975e-003
45	3.795e-003	-1.063e-004	4.872e-003	-3.775e-004	-8.578e-003	6.319e-005
46	-3.323e-003	-4.512e-005	3.849e-003	3.554e-005	7.054e-003	1.045e-004
47	1.493e-003	1.254e-004	5.017e-004	1.022e-003	-2.005e-003	-1.275e-003
48	-1.118e-003	4.084e-004	4.206e-004	1.651e-003	6.066e-004	4.388e-003
49	-8.421e-005	6.902e-005	5.232e-004	1.395e-003	-3.221e-003	2.664e-003
50	-2.700e-004	-3.249e-005	4.648e-004	7.669e-004	2.289e-003	-3.408e-003
51	-1.205e-003	6.308e-005	2.640e-003	5.796e-003	-4.918e-003	1.698e-003
52	9.711e-004	-3.510e-005	2.046e-003	4.516e-003	3.892e-003	-1.628e-003
53	-1.546e-003	5.686e-005	4.807e-003	2.571e-003	-6.615e-003	-1.941e-004
54	1.242e-003	-3.757e-005	3.770e-003	2.117e-003	5.496e-003	3.374e-004
55	-1.352e-003	5.040e-005	5.160e-003	-1.052e-004	-8.313e-003	6.673e-006
56	1.006e-003	-3.988e-005	4.087e-003	-4.630e-005	7.099e-003	5.846e-005
57	-1.543e-003	4.509e-005	4.767e-003	-2.542e-003	-6.637e-003	1.739e-004
58	1.195e-003	-4.197e-005	3.742e-003	-2.137e-003	5.541e-003	-2.809e-004
59	-1.190e-003	3.960e-005	2.646e-003	-5.659e-003	-4.961e-003	-1.725e-003
60	9.313e-004	-4.388e-005	2.028e-003	-4.455e-003	3.983e-003	1.537e-003
61	-5.708e-005	3.393e-005	5.867e-004	-1.317e-003	-3.285e-003	-2.690e-003
62	-2.319e-004	-4.560e-005	4.879e-004	-6.658e-004	2.425e-003	3.178e-003
63	6.141e-004	1.886e-004	5.058e-004	-9.116e-004	1.242e-003	-3.860e-003
64	2.986e-003	-3.983e-006	4.251e-003	-8.754e-005	1.090e-003	2.742e-006
65	6.917e-004	-2.369e-004	5.294e-004	7.289e-004	1.260e-003	3.769e-003
66	-1.067e-003	2.010e-004	5.747e-004	-9.656e-004	-8.054e-004	3.680e-003
67	-3.575e-003	4.208e-005	5.354e-003	1.103e-004	-8.921e-004	3.389e-005
68	-1.081e-003	-1.662e-004	6.397e-004	1.151e-003	-8.945e-004	-3.720e-003
69	2.774e-003	1.304e-005	4.290e-003	-1.564e-003	-2.539e-003	-1.121e-003
70	2.550e-003	2.845e-006	2.644e-003	-4.902e-003	-1.683e-003	2.309e-003
71	7.483e-004	5.252e-005	5.465e-004	2.274e-003	-7.240e-004	-4.334e-003
72	2.476e-003	4.291e-005	2.592e-003	4.910e-003	-1.614e-003	-2.299e-003
73	2.720e-003	3.312e-005	4.264e-003	1.644e-003	-2.505e-003	1.029e-003
74	2.198e-003	2.318e-005	4.404e-003	3.135e-007	-3.395e-003	-5.583e-005
75	8.010e-004	-7.364e-006	5.706e-004	-2.401e-003	-8.277e-004	4.390e-003
76	-8.195e-004	1.587e-005	6.262e-004	2.735e-003	1.576e-003	4.749e-003
77	-2.712e-003	4.089e-006	3.163e-003	6.169e-003	2.563e-003	2.517e-003
78	-2.979e-003	-7.715e-006	5.297e-003	2.192e-003	3.550e-003	-1.128e-003
79	-2.407e-003	-1.948e-005	5.534e-003	8.950e-005	4.537e-003	6.250e-005
80	-3.031e-003	-3.173e-005	5.355e-003	-2.131e-003	3.551e-003	1.205e-003
81	-2.776e-003	-4.383e-005	3.226e-003	-6.189e-003	2.565e-003	-2.543e-003
82	-8.586e-004	-5.575e-005	6.926e-004	-2.662e-003	1.579e-003	-4.804e-003
83	5.743e-004	-1.739e-005	4.845e-004	2.282e-003	-1.178e-003	-4.098e-003
84	-5.477e-004	2.338e-005	5.750e-004	-2.557e-003	1.856e-003	-4.612e-003
85	-5.140e-004	-7.750e-005	5.107e-004	2.606e-003	1.799e-003	4.583e-003
86	-1.521e-003	-2.842e-005	5.213e-003	6.621e-005	5.126e-003	6.254e-005
87	6.067e-004	7.581e-005	5.005e-004	-2.366e-003	-1.299e-003	4.181e-003
88	1.529e-003	2.677e-005	4.174e-003	2.276e-006	-3.829e-003	-3.923e-005
89	3.660e-004	-2.049e-005	3.364e-004	3.678e-003	-1.540e-003	-3.211e-003
90	1.433e-003	-4.252e-006	2.530e-003	4.415e-003	-2.258e-003	-1.049e-003
91	1.370e-003	1.200e-005	3.840e-003	8.659e-004	-2.976e-003	1.042e-003
92	9.433e-004	2.821e-005	3.777e-003	2.429e-005	-3.693e-003	-1.496e-005
93	1.396e-003	4.494e-005	3.859e-003	-8.406e-004	-3.008e-003	-1.103e-003
94	1.475e-003	6.147e-005	2.551e-003	-4.435e-003	-2.323e-003	1.056e-003
95	3.814e-004	7.774e-005	3.397e-004	-3.723e-003	-1.638e-003	3.310e-003
96	-2.315e-004	-9.013e-005	3.093e-004	4.209e-003	1.890e-003	3.564e-003
97	-1.322e-003	-7.033e-005	2.950e-003	5.498e-003	2.977e-003	8.999e-004
98	-1.175e-003	-5.023e-005	4.653e-003	1.329e-003	4.064e-003	-1.183e-003

Vettori modali 25 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
99	-7.266e-004	-2.991e-005	4.663e-003	4.714e-005	5.151e-003	5.695e-005
100	-1.210e-003	-9.558e-006	4.697e-003	-1.255e-003	4.098e-003	1.214e-003
101	-1.355e-003	1.083e-005	3.011e-003	-5.496e-003	3.045e-003	-9.301e-004
102	-2.529e-004	3.117e-005	3.645e-004	-4.216e-003	1.993e-003	-3.559e-003
103	1.892e-004	8.316e-005	1.005e-004	-3.800e-003	-1.490e-003	2.356e-003
104	-3.342e-005	5.399e-005	9.165e-005	-4.107e-003	1.602e-003	-2.480e-003
105	-1.040e-004	-2.405e-005	3.912e-003	2.894e-005	4.767e-003	7.483e-005
106	5.081e-004	2.190e-005	3.268e-003	3.749e-005	-3.032e-003	4.361e-005
107	-2.612e-005	-1.035e-004	5.455e-005	4.080e-003	1.470e-003	2.565e-003
108	1.831e-004	-4.009e-005	1.086e-004	3.773e-003	-1.437e-003	-2.218e-003
109	9.660e-005	4.467e-005	-1.038e-004	-4.084e-003	-8.245e-004	1.316e-003
110	2.101e-004	-1.268e-005	3.252e-003	2.069e-005	2.825e-003	7.116e-005
111	3.249e-004	9.245e-006	2.919e-003	3.494e-005	-1.016e-003	6.371e-005
112	6.180e-005	2.241e-005	-1.163e-004	-4.226e-003	7.783e-004	-1.290e-003
113	5.957e-005	-5.086e-005	-1.310e-004	4.191e-003	6.597e-004	1.413e-003
114	9.236e-005	-2.503e-005	-9.212e-005	4.061e-003	-8.358e-004	-1.171e-003
115	7.380e-005	-2.022e-005	-1.780e-004	4.562e-003	-1.009e-004	1.414e-005
116	1.686e-004	-1.423e-005	2.004e-003	3.850e-003	2.195e-004	-3.021e-004
117	2.824e-004	-8.180e-006	3.049e-003	4.877e-004	5.400e-004	-1.276e-004
118	2.901e-004	-2.091e-006	2.923e-003	2.108e-005	8.604e-004	4.261e-005
119	2.789e-004	3.836e-006	3.062e-003	-4.763e-004	5.640e-004	8.116e-005
120	1.893e-004	9.747e-006	2.015e-003	-3.872e-003	2.676e-004	2.717e-004
121	7.872e-005	1.562e-005	-1.816e-004	-4.593e-003	-2.881e-005	1.004e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	5.451e-004	9.270e-005	2.754e-004	1.302e-001	-2.817e+000	-3.979e-006
124	6.509e-004	3.831e-008	2.660e-004	-5.623e-002	-4.375e-001	-9.298e-006
125	1.758e-004	-1.116e-005	-2.445e-003	-6.799e-002	-6.188e-002	-1.121e-007
126	3.116e-004	-1.602e-004	4.254e-003	-1.283e-001	-3.196e-002	6.180e-007
127	1.494e-004	5.165e-005	3.340e-003	5.834e-002	3.700e-002	1.694e-007
128	-1.496e-007	-7.285e-008	9.451e-010	-1.175e-001	-1.490e+000	2.657e-006
129	-6.696e-007	1.098e-008	4.229e-008	-5.677e-003	1.485e+000	-6.107e-006
130	9.134e-004	-3.056e-004	-2.695e-004	-4.722e-001	-1.472e+000	-6.682e-006
131	-2.146e-007	1.871e-008	3.877e-009	6.298e-002	1.467e+000	5.901e-006
132	-7.252e-003	-2.570e-005	1.675e-003	-1.250e-001	3.911e+000	6.884e-006
133	1.703e-003	1.735e-004	1.623e-003	6.186e-002	-3.809e-001	-1.180e-006
134	-1.586e-003	-4.444e-005	3.359e-003	1.319e-001	3.741e-001	3.409e-006
135	1.267e-003	9.655e-005	2.881e-003	-5.659e-002	-4.980e-001	-4.740e-007
136	8.638e-005	-3.021e-005	-3.412e-003	3.427e-003	5.356e-002	6.994e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.758e-004	-1.115e-005	-2.445e-003	5.470e-002	-5.585e-002	-2.629e-008
139	3.116e-004	-1.602e-004	4.254e-003	1.066e-001	-2.590e-002	-5.028e-007
140	1.494e-004	5.164e-005	3.340e-003	-4.761e-002	3.098e-002	-1.896e-007
141	4.809e-004	-5.204e-004	3.328e-004	-1.088e-001	-2.352e+000	1.508e-006
142	5.485e-004	1.265e-004	2.868e-004	4.529e-002	-3.662e-001	8.551e-006
143	8.640e-005	-3.018e-005	-3.412e-003	-1.119e-003	4.755e-002	-5.548e-007
144	-1.294e-003	-2.709e-004	3.656e-003	-1.091e-001	3.148e-001	-3.835e-006
145	1.081e-003	1.022e-005	2.978e-003	4.625e-002	-4.224e-001	6.370e-007
146	-6.020e-003	-3.399e-004	1.979e-003	1.022e-001	3.275e+000	-1.038e-005
147	1.437e-003	-3.953e-005	1.726e-003	-5.144e-002	-3.181e-001	1.012e-006
148	-1.310e-007	-4.641e-004	5.506e-010	9.551e-002	-1.245e+000	-1.456e-006
149	-5.653e-007	5.602e-005	3.544e-008	4.319e-003	1.241e+000	9.325e-006
150	7.612e-004	3.321e-004	-2.248e-004	3.950e-001	-1.230e+000	7.349e-006
151	-1.802e-007	1.318e-004	3.296e-009	-5.251e-002	1.226e+000	-3.845e-006

Vettori modali 26 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-7.347e-005	-1.179e-005	-6.559e-004	2.836e-003	3.160e-002	1.622e-007
2	1.304e-004	-7.349e-006	-2.062e-003	5.141e-003	-4.173e-002	3.244e-009
3	-5.684e-005	-3.288e-005	-1.265e-003	-9.028e-003	1.546e-002	3.585e-007
4	4.004e-005	-1.685e-005	5.348e-004	-5.648e-003	-8.901e-003	-2.900e-008
5	5.082e-005	-6.922e-007	-7.110e-004	-8.650e-003	1.714e-001	-4.879e-004
6	-5.379e-005	-1.967e-006	-7.510e-004	-9.144e-003	-1.712e-001	5.605e-004
7	3.880e-005	8.507e-006	5.505e-004	5.633e-003	-8.829e-003	3.942e-008
8	-5.689e-005	2.848e-005	-1.272e-003	8.986e-003	1.552e-002	-2.625e-007
9	1.293e-004	-3.294e-006	-2.067e-003	-5.230e-003	-4.188e-002	-9.109e-009
10	-7.376e-005	6.156e-006	-6.548e-004	-2.766e-003	3.158e-002	-1.079e-007
11	2.307e-005	-3.298e-006	3.497e-003	-3.551e-007	1.023e-002	1.179e-006
12	-5.508e-005	-6.530e-006	-4.431e-003	-1.182e-007	-2.324e-002	1.235e-006
13	8.176e-005	-2.809e-006	-4.879e-003	-3.365e-008	2.414e-002	2.456e-007
14	5.170e-005	-1.677e-005	-7.110e-004	8.650e-003	1.714e-001	4.965e-004
15	-5.395e-005	-3.260e-006	-7.511e-004	9.144e-003	-1.712e-001	-5.623e-004
16	0.000e+000	0.000e+000	0.000e+000	-9.005e-003	1.038e-003	-6.344e-004
17	0.000e+000	0.000e+000	0.000e+000	6.290e-003	1.303e-005	-3.499e-005
18	-2.638e-006	-4.556e-005	-5.711e-005	1.024e-003	3.554e-004	-2.450e-004
19	0.000e+000	0.000e+000	0.000e+000	-9.508e-003	-1.057e-003	6.611e-004
20	-2.369e-005	-3.702e-006	-3.516e-003	-4.584e-003	1.139e-001	1.913e-004
21	-2.949e-006	1.041e-005	2.914e-003	4.873e-003	3.026e-003	1.037e-005
22	-3.196e-005	-2.588e-006	-3.747e-003	-4.982e-003	-1.134e-001	-2.742e-004
23	3.921e-005	-6.707e-006	-4.641e-003	-2.265e-004	4.531e-002	-1.036e-006
24	3.224e-006	1.200e-005	4.539e-003	1.540e-003	1.830e-004	-2.584e-005
25	4.316e-005	-9.485e-006	-5.029e-003	-4.518e-004	-4.464e-002	-1.021e-004
26	1.237e-005	-3.543e-006	4.740e-003	-5.159e-007	1.502e-004	1.062e-006
27	4.003e-005	-6.819e-006	-4.641e-003	2.264e-004	4.531e-002	-2.199e-006
28	3.914e-006	-1.862e-005	4.539e-003	-1.541e-003	1.903e-004	2.386e-005
29	4.320e-005	3.951e-006	-5.029e-003	4.517e-004	-4.464e-002	1.024e-004
30	-2.176e-005	-1.138e-005	-3.516e-003	4.584e-003	1.139e-001	-1.924e-004
31	-2.089e-006	-1.568e-005	2.914e-003	-4.872e-003	2.996e-003	-9.760e-006
32	-3.235e-005	-2.736e-006	-3.747e-003	4.982e-003	-1.134e-001	2.748e-004
33	0.000e+000	-1.808e-005	0.000e+000	9.005e-003	1.039e-003	6.486e-004
34	0.000e+000	-2.534e-006	0.000e+000	-6.289e-003	1.288e-005	3.866e-005
35	-2.626e-006	4.198e-005	-5.708e-005	-1.023e-003	3.553e-004	2.378e-004
36	0.000e+000	-5.224e-006	0.000e+000	9.509e-003	-1.057e-003	-6.631e-004
37	7.503e-002	3.349e-003	-1.307e-003	-3.605e-003	9.521e-002	3.568e-003
38	-7.492e-002	3.461e-003	-1.359e-003	-3.593e-003	-9.508e-002	-3.437e-003
39	-2.886e-002	-5.151e-006	-4.198e-003	-6.315e-006	-6.656e-002	6.401e-007
40	2.917e-002	-2.645e-006	-4.685e-003	-1.476e-006	6.675e-002	3.765e-008
41	7.503e-002	-3.366e-003	-1.307e-003	3.596e-003	9.521e-002	-3.562e-003
42	-7.493e-002	-3.466e-003	-1.359e-003	3.591e-003	-9.508e-002	3.436e-003
43	7.505e-002	3.047e-003	-1.895e-003	4.487e-003	-9.500e-002	7.625e-003
44	-7.494e-002	3.084e-003	-1.958e-003	4.696e-003	9.487e-002	-7.435e-003
45	-4.594e-002	-7.928e-007	-3.942e-003	-9.605e-006	9.650e-003	4.528e-008
46	4.616e-002	-1.190e-006	-4.465e-003	-3.934e-006	-1.018e-002	-1.703e-007
47	7.505e-002	-3.054e-003	-1.895e-003	-4.513e-003	-9.500e-002	-7.620e-003
48	-7.494e-002	-3.087e-003	-1.958e-003	-4.704e-003	9.487e-002	7.435e-003
49	-2.994e-003	-7.626e-005	-2.500e-003	5.486e-003	-1.642e-001	1.188e-002
50	2.991e-003	-7.814e-005	-2.575e-003	5.320e-003	1.640e-001	-1.163e-002
51	-1.213e-002	-5.029e-005	-2.225e-003	-2.385e-003	-7.902e-002	1.973e-002
52	1.203e-002	-5.217e-005	-2.549e-003	-3.042e-003	7.874e-002	-1.961e-002
53	-1.767e-002	-2.404e-005	-3.401e-003	-1.657e-003	6.143e-003	2.232e-003
54	1.756e-002	-2.593e-005	-3.949e-003	-1.863e-003	-6.485e-003	-2.291e-003
55	-1.665e-002	2.338e-006	-3.648e-003	-9.492e-008	9.131e-002	-5.786e-007

Vettori modali 26 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
56	1.657e-002	4.552e-007	-4.205e-003	-1.202e-006	-9.171e-002	-3.884e-007
57	-1.767e-002	2.871e-005	-3.400e-003	1.662e-003	6.143e-003	-2.233e-003
58	1.756e-002	2.684e-005	-3.949e-003	1.865e-003	-6.485e-003	2.291e-003
59	-1.213e-002	5.494e-005	-2.222e-003	2.384e-003	-7.902e-002	-1.973e-002
60	1.203e-002	5.308e-005	-2.548e-003	3.042e-003	7.874e-002	1.961e-002
61	-2.995e-003	8.087e-005	-2.501e-003	-5.498e-003	-1.642e-001	-1.188e-002
62	2.991e-003	7.904e-005	-2.575e-003	-5.325e-003	1.640e-001	1.163e-002
63	6.637e-002	-2.869e-003	-3.088e-003	2.667e-003	8.017e-002	3.133e-002
64	-4.164e-002	1.103e-006	-3.907e-003	-1.018e-006	-1.188e-001	-9.577e-008
65	6.637e-002	2.872e-003	-3.088e-003	-2.669e-003	8.017e-002	-3.133e-002
66	-6.645e-002	-2.862e-003	-3.006e-003	2.567e-003	-8.023e-002	-3.096e-002
67	4.151e-002	1.721e-006	-3.327e-003	2.554e-006	1.190e-001	-1.308e-006
68	-6.645e-002	2.868e-003	-3.006e-003	-2.560e-003	-8.023e-002	3.096e-002
69	-4.538e-002	-3.345e-004	-7.682e-003	-1.123e-002	-2.009e-003	-9.241e-002
70	1.243e-002	-6.683e-004	-1.004e-002	3.927e-003	-4.186e-002	-1.329e-001
71	6.513e-002	1.001e-003	-3.610e-003	-2.132e-002	-8.171e-002	7.650e-002
72	1.243e-002	6.705e-004	-1.004e-002	-3.928e-003	-4.186e-002	1.329e-001
73	-4.538e-002	3.367e-004	-7.682e-003	1.123e-002	-2.009e-003	9.241e-002
74	-6.686e-002	1.103e-006	-3.570e-003	1.074e-006	3.784e-002	2.119e-007
75	6.513e-002	-9.985e-004	-3.610e-003	2.133e-002	-8.171e-002	-7.650e-002
76	-6.519e-002	1.012e-003	-3.521e-003	-2.115e-002	8.182e-002	-7.600e-002
77	-1.261e-002	6.780e-004	-9.682e-003	-3.228e-003	4.204e-002	-1.329e-001
78	4.529e-002	3.401e-004	-7.090e-003	1.144e-002	2.274e-003	-9.271e-002
79	6.687e-002	4.354e-007	-2.971e-003	1.617e-006	-3.750e-002	-2.074e-006
80	4.529e-002	-3.392e-004	-7.091e-003	-1.144e-002	2.274e-003	9.271e-002
81	-1.261e-002	-6.771e-004	-9.684e-003	3.228e-003	4.205e-002	1.329e-001
82	-6.519e-002	-1.011e-003	-3.521e-003	2.116e-002	8.182e-002	7.600e-002
83	4.581e-002	1.063e-003	-1.172e-002	-2.364e-002	-1.334e-001	4.159e-002
84	-4.585e-002	-1.021e-003	-1.178e-002	2.354e-002	1.335e-001	4.099e-002
85	-4.584e-002	1.021e-003	-1.178e-002	-2.353e-002	1.335e-001	-4.099e-002
86	5.223e-002	-2.416e-007	3.317e-003	3.063e-006	-1.223e-001	-3.396e-006
87	4.581e-002	-1.061e-003	-1.172e-002	2.364e-002	-1.334e-001	-4.158e-002
88	-5.217e-002	6.728e-007	2.625e-003	2.471e-006	1.226e-001	1.925e-006
89	2.461e-002	-1.686e-004	-2.799e-002	-2.717e-003	-1.410e-001	2.099e-002
90	4.590e-003	-1.129e-004	-1.820e-002	4.191e-002	-4.329e-002	5.637e-002
91	-2.090e-002	-5.653e-005	5.680e-003	4.850e-002	5.442e-002	4.197e-002
92	-3.079e-002	1.041e-007	1.903e-002	1.409e-006	1.521e-001	2.106e-006
93	-2.090e-002	5.673e-005	5.680e-003	-4.850e-002	5.442e-002	-4.197e-002
94	4.590e-003	1.131e-004	-1.820e-002	-4.191e-002	-4.329e-002	-5.637e-002
95	2.461e-002	1.688e-004	-2.799e-002	2.722e-003	-1.410e-001	-2.098e-002
96	-2.464e-002	-1.842e-004	-2.807e-002	-2.363e-003	1.410e-001	-2.063e-002
97	-4.648e-003	-1.236e-004	-1.792e-002	4.279e-002	4.352e-002	-5.652e-002
98	2.095e-002	-6.246e-005	6.272e-003	4.887e-002	-5.396e-002	-4.223e-002
99	3.092e-002	-9.457e-007	1.967e-002	8.301e-007	-1.514e-001	-2.621e-006
100	2.095e-002	6.054e-005	6.271e-003	-4.887e-002	-5.396e-002	4.223e-002
101	-4.648e-003	1.217e-004	-1.793e-002	-4.279e-002	4.353e-002	5.652e-002
102	-2.464e-002	1.822e-004	-2.807e-002	2.371e-003	1.410e-001	2.063e-002
103	8.710e-003	1.642e-003	-4.859e-002	-1.505e-002	-1.268e-001	6.630e-003
104	-8.739e-003	1.646e-003	-4.865e-002	-1.527e-002	1.266e-001	-6.832e-003
105	1.205e-002	-1.420e-006	4.404e-002	7.746e-007	-1.619e-001	-2.231e-006
106	-1.181e-002	-5.604e-007	4.354e-002	1.663e-006	1.630e-001	3.873e-006
107	-8.739e-003	-1.649e-003	-4.865e-002	1.528e-002	1.266e-001	6.831e-003
108	8.710e-003	-1.643e-003	-4.859e-002	1.506e-002	-1.268e-001	-6.625e-003
109	1.101e-003	1.624e-003	-6.658e-002	-4.371e-002	-7.442e-002	1.431e-002
110	1.838e-003	-1.750e-006	6.808e-002	7.346e-008	-1.043e-001	-1.028e-006

Vettori modali 26 (Sistema globale)						
N° Nodo	**DX**	**DY**	**DZ**	**RX**	**RY**	**RZ**
111	-1.499e-003	-1.325e-006	6.781e-002	7.182e-007	1.057e-001	3.467e-006
112	-1.141e-003	1.617e-003	-6.662e-002	-4.380e-002	7.423e-002	-1.436e-002
113	-1.141e-003	-1.621e-003	-6.661e-002	4.381e-002	7.422e-002	1.436e-002
114	1.101e-003	-1.626e-003	-6.658e-002	4.371e-002	-7.442e-002	-1.430e-002
115	-2.225e-005	-1.486e-003	-7.373e-002	7.995e-002	-8.842e-005	-5.265e-005
116	6.623e-005	-9.957e-004	-1.476e-002	1.531e-001	1.748e-004	-2.523e-004
117	1.657e-004	-5.000e-004	5.271e-002	1.092e-001	4.381e-004	-1.291e-004
118	1.874e-004	-1.761e-006	7.829e-002	-1.108e-006	7.014e-004	8.735e-007
119	1.655e-004	4.965e-004	5.271e-002	-1.092e-001	4.381e-004	1.285e-004
120	6.645e-005	9.921e-004	-1.476e-002	-1.531e-001	1.749e-004	2.518e-004
121	-2.231e-005	1.482e-003	-7.373e-002	-7.994e-002	-8.839e-005	5.473e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	5.081e-005	-6.932e-007	-7.110e-004	-1.004e-002	2.051e-003	2.138e-007
124	-5.378e-005	-1.970e-006	-7.510e-004	-1.273e-002	-1.629e-002	-2.945e-007
125	2.307e-005	-3.296e-006	3.497e-003	9.031e-003	1.540e-002	-2.101e-008
126	-5.508e-005	-6.531e-006	-4.431e-003	1.995e-003	-2.145e-002	-1.153e-007
127	8.175e-005	-2.810e-006	-4.879e-003	4.167e-003	2.048e-002	5.814e-008
128	4.180e-009	3.947e-010	4.350e-011	-7.679e-003	-3.693e-003	-8.268e-008
129	-4.212e-010	4.981e-011	1.939e-010	6.788e-003	3.690e-003	-1.741e-008
130	-2.639e-006	-4.556e-005	-5.711e-005	-1.643e-002	-3.105e-003	-2.518e-008
131	-4.899e-009	1.137e-009	8.151e-011	-6.066e-003	2.777e-003	6.493e-008
132	-2.369e-005	-3.702e-006	-3.516e-003	-3.335e-003	3.275e-002	2.297e-008
133	-3.196e-005	-2.587e-006	-3.747e-003	-1.569e-003	1.760e-004	-3.264e-008
134	3.922e-005	-6.707e-006	-4.641e-003	-1.152e-003	-2.640e-002	3.502e-008
135	4.316e-005	-9.487e-006	-5.029e-003	-3.557e-003	-9.517e-003	-9.796e-009
136	1.237e-005	-3.543e-006	4.740e-003	-7.367e-004	-4.751e-003	3.892e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.307e-005	-3.301e-006	3.497e-003	-9.101e-003	1.541e-002	3.715e-008
139	-5.508e-005	-6.529e-006	-4.431e-003	-2.033e-003	-2.144e-002	1.164e-007
140	8.175e-005	-2.808e-006	-4.879e-003	-4.139e-003	2.047e-002	-8.191e-008
141	5.169e-005	-1.677e-005	-7.110e-004	1.008e-002	2.187e-003	-2.381e-007
142	-5.394e-005	-3.258e-006	-7.511e-004	1.270e-002	-1.623e-002	3.070e-007
143	1.237e-005	-3.544e-006	4.740e-003	7.357e-004	-4.757e-003	-7.183e-009
144	4.003e-005	-6.819e-006	-4.641e-003	1.189e-003	-2.641e-002	-5.421e-008
145	4.320e-005	3.953e-006	-5.029e-003	3.529e-003	-9.550e-003	-2.851e-009
146	-2.176e-005	-1.138e-005	-3.516e-003	3.297e-003	3.259e-002	-5.589e-008
147	-3.234e-005	-2.737e-006	-3.747e-003	1.598e-003	2.748e-004	3.329e-008
148	4.006e-009	-1.808e-005	3.695e-011	7.640e-003	-3.631e-003	5.235e-008
149	-5.429e-010	-2.535e-006	1.959e-010	-6.786e-003	3.627e-003	5.973e-008
150	-2.628e-006	4.198e-005	-5.708e-005	1.642e-002	-3.043e-003	2.280e-008
151	-4.869e-009	-5.225e-006	8.127e-011	6.094e-003	2.716e-003	-5.010e-008

Vettori modali 27 (Sistema globale)						
N° Nodo	**DX**	**DY**	**DZ**	**RX**	**RY**	**RZ**
1	1.284e-005	1.579e-005	-2.799e-004	-1.064e-003	1.658e-003	5.913e-009
2	1.360e-005	4.352e-005	-9.433e-004	5.706e-003	-1.215e-002	-4.171e-008
3	1.692e-005	1.995e-005	-1.191e-004	1.255e-003	1.723e-003	9.450e-009
4	-1.534e-005	3.993e-005	1.046e-003	3.625e-003	3.933e-003	6.740e-008
5	4.400e-005	3.133e-006	-1.297e-003	-1.568e-002	-6.407e-002	-8.751e-004
6	-4.369e-005	3.384e-006	-1.248e-003	-1.508e-002	6.548e-002	8.450e-004
7	1.377e-005	2.227e-005	-1.006e-003	3.512e-003	-3.729e-003	3.514e-008
8	-1.334e-005	4.543e-006	1.382e-004	1.581e-003	-1.892e-003	2.043e-008
9	-1.270e-005	2.712e-005	9.302e-004	5.569e-003	1.173e-002	-2.788e-008
10	-1.143e-005	4.839e-006	2.834e-004	-1.433e-003	-1.429e-003	1.750e-008
11	1.065e-006	3.192e-005	1.128e-005	3.944e-003	2.015e-005	1.744e-004
12	1.615e-006	-9.174e-007	-2.737e-006	1.266e-002	-3.458e-005	8.963e-004

Vettori modali 27 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
13	7.176e-007	-8.521e-006	-3.507e-006	1.201e-002	3.721e-005	-9.443e-004
14	-4.491e-005	3.800e-005	1.296e-003	-1.567e-002	6.406e-002	-8.817e-004
15	4.506e-005	4.141e-005	1.248e-003	-1.507e-002	-6.546e-002	8.553e-004
16	0.000e+000	0.000e+000	0.000e+000	-1.647e-002	-3.857e-004	-3.492e-004
17	0.000e+000	0.000e+000	0.000e+000	8.418e-005	-9.810e-006	3.055e-005
18	-4.191e-006	-8.402e-006	2.274e-005	-5.231e-003	-1.378e-004	-9.544e-005
19	0.000e+000	0.000e+000	0.000e+000	-1.586e-002	4.080e-004	3.495e-004
20	1.412e-004	3.825e-006	-5.734e-003	-5.186e-003	-4.513e-002	1.574e-004
21	9.384e-007	6.467e-006	4.592e-005	7.464e-005	-2.248e-004	-1.884e-005
22	-9.722e-005	1.608e-006	-5.482e-003	-4.870e-003	4.612e-002	-1.436e-004
23	7.119e-005	5.169e-006	-5.221e-003	6.729e-003	-2.258e-002	-5.411e-005
24	3.646e-006	1.493e-005	5.322e-005	-4.565e-005	4.706e-004	2.292e-005
25	-1.050e-004	1.461e-006	-4.958e-003	6.433e-003	2.308e-002	1.251e-004
26	1.186e-006	2.363e-005	1.371e-005	-8.826e-005	-3.341e-007	-7.431e-005
27	-6.778e-005	1.612e-005	5.216e-003	6.731e-003	2.253e-002	-5.156e-005
28	-2.165e-006	2.042e-005	-2.591e-005	-5.118e-005	-4.521e-004	2.378e-005
29	1.065e-004	1.367e-005	4.951e-003	6.436e-003	-2.303e-002	1.277e-004
30	-1.409e-004	2.675e-005	5.731e-003	-5.180e-003	4.510e-002	1.652e-004
31	4.460e-007	1.563e-005	-2.713e-005	4.562e-005	8.205e-005	-1.638e-005
32	9.756e-005	2.695e-005	5.478e-003	-4.862e-003	-4.609e-002	-1.474e-004
33	0.000e+000	3.746e-005	0.000e+000	-1.646e-002	3.856e-004	-3.678e-004
34	0.000e+000	9.231e-006	0.000e+000	4.237e-005	9.867e-006	2.873e-005
35	3.668e-006	6.536e-006	-2.276e-005	-5.256e-003	1.379e-004	-4.690e-005
36	0.000e+000	4.093e-005	0.000e+000	-1.585e-002	-4.081e-004	3.758e-004
37	-2.795e-002	9.189e-003	-2.617e-003	-1.472e-002	-3.547e-002	-5.717e-002
38	2.856e-002	8.935e-003	-2.563e-003	-1.442e-002	3.619e-002	5.735e-002
39	-9.942e-006	-1.039e-002	-3.307e-006	2.027e-002	-9.223e-006	5.600e-002
40	1.370e-005	-1.008e-002	-4.171e-006	1.984e-002	1.043e-005	-5.628e-002
41	2.794e-002	9.228e-003	2.616e-003	-1.472e-002	3.546e-002	-5.717e-002
42	-2.855e-002	8.977e-003	2.562e-003	-1.442e-002	-3.619e-002	5.735e-002
43	-2.894e-002	1.033e-002	-3.919e-003	1.161e-002	2.921e-002	-1.135e-001
44	2.951e-002	1.009e-002	-3.860e-003	1.124e-002	-3.006e-002	1.138e-001
45	-7.225e-006	-1.381e-002	-3.855e-006	-9.529e-003	1.757e-005	1.111e-001
46	9.913e-006	-1.348e-002	-4.806e-006	-9.178e-003	-2.288e-005	-1.116e-001
47	2.893e-002	1.036e-002	3.918e-003	1.165e-002	-2.921e-002	-1.135e-001
48	-2.950e-002	1.012e-002	3.859e-003	1.130e-002	3.004e-002	1.138e-001
49	-9.369e-003	-1.334e-003	-5.257e-003	2.840e-002	2.494e-002	-1.725e-001
50	9.316e-003	-1.303e-003	-5.193e-003	2.790e-002	-2.610e-002	1.731e-001
51	6.330e-002	-1.295e-003	7.918e-003	2.126e-002	1.663e-002	-9.962e-002
52	-6.362e-002	-1.263e-003	7.757e-003	2.092e-002	-1.741e-002	9.998e-002
53	6.763e-002	-1.248e-003	1.115e-002	-9.450e-003	8.324e-003	8.297e-002
54	-6.794e-002	-1.214e-003	1.095e-002	-9.251e-003	-8.714e-003	-8.338e-002
55	2.899e-006	-1.193e-003	-4.402e-006	-3.367e-002	1.390e-005	1.689e-001
56	-3.436e-006	-1.159e-003	-5.438e-006	-3.311e-002	-1.902e-005	-1.696e-001
57	-6.762e-002	-1.248e-003	-1.116e-002	-9.462e-003	-8.302e-003	8.297e-002
58	6.793e-002	-1.214e-003	-1.097e-002	-9.263e-003	8.684e-003	-8.338e-002
59	-6.329e-002	-1.295e-003	-7.932e-003	2.127e-002	-1.662e-002	-9.961e-002
60	6.361e-002	-1.262e-003	-7.773e-003	2.093e-002	1.739e-002	9.997e-002
61	9.370e-003	-1.334e-003	5.256e-003	2.844e-002	-2.493e-002	-1.725e-001
62	-9.318e-003	-1.302e-003	5.192e-003	2.794e-002	2.609e-002	1.731e-001
63	6.694e-003	-9.202e-003	-6.422e-003	-5.923e-004	6.148e-003	1.747e-001
64	-6.827e-006	1.452e-002	-5.810e-006	-1.898e-002	3.674e-006	-1.709e-001
65	-6.697e-003	-9.206e-003	6.420e-003	-5.996e-004	-6.146e-003	1.747e-001
66	-7.090e-003	-9.340e-003	-6.491e-003	-6.564e-004	-6.329e-003	-1.744e-001
67	5.086e-006	1.467e-002	-4.726e-006	-1.911e-002	-3.522e-006	1.704e-001

Vettori modali 27 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
68	7.092e-003	-9.344e-003	6.490e-003	-6.628e-004	6.327e-003	-1.744e-001
69	6.952e-002	4.564e-003	2.975e-002	4.240e-002	1.668e-003	-8.632e-002
70	6.573e-002	4.474e-003	3.241e-002	-3.149e-002	3.327e-003	1.010e-001
71	8.412e-003	4.357e-003	-7.672e-003	-5.635e-002	-4.978e-003	1.764e-001
72	-6.573e-002	4.475e-003	-3.241e-002	-3.151e-002	-3.315e-003	1.010e-001
73	-6.952e-002	4.564e-003	-2.976e-002	4.239e-002	-1.652e-003	-8.633e-002
74	-2.213e-006	4.626e-003	-6.163e-006	6.735e-002	1.020e-005	-1.723e-001
75	-8.413e-003	4.357e-003	7.670e-003	-5.635e-002	4.985e-003	1.764e-001
76	-8.588e-003	4.385e-003	-7.746e-003	-5.690e-002	5.965e-003	-1.764e-001
77	6.553e-002	4.503e-003	-3.273e-002	-3.180e-002	3.975e-003	-1.010e-001
78	6.938e-002	4.593e-003	-3.004e-002	4.280e-002	1.984e-003	8.606e-002
79	1.649e-006	4.655e-003	-5.036e-006	6.797e-002	-6.378e-006	1.720e-001
80	-6.938e-002	4.593e-003	3.003e-002	4.281e-002	-1.994e-003	8.606e-002
81	-6.553e-002	4.503e-003	3.272e-002	-3.179e-002	-3.981e-003	-1.010e-001
82	8.588e-003	4.385e-003	7.744e-003	-5.690e-002	-5.968e-003	-1.764e-001
83	6.585e-003	3.641e-003	-8.883e-003	-7.567e-002	-1.820e-002	1.571e-001
84	6.576e-003	3.548e-003	9.050e-003	-7.637e-002	-1.922e-002	-1.573e-001
85	-6.576e-003	3.548e-003	-9.052e-003	-7.638e-002	1.921e-002	-1.573e-001
86	7.871e-007	2.161e-003	-4.774e-006	9.888e-002	-2.903e-006	1.512e-001
87	-6.585e-003	3.641e-003	8.882e-003	-7.566e-002	1.820e-002	1.571e-001
88	-6.511e-007	2.051e-003	-5.630e-006	9.795e-002	6.783e-006	-1.510e-001
89	3.510e-003	5.447e-004	-1.174e-002	-1.098e-001	-2.262e-002	1.348e-001
90	-5.242e-002	4.330e-004	-6.210e-002	-6.878e-002	-1.508e-002	7.399e-002
91	-5.350e-002	3.186e-004	-5.989e-002	7.973e-002	-7.537e-003	-6.943e-002
92	1.304e-007	2.022e-004	-5.157e-006	1.435e-001	3.198e-006	-1.285e-001
93	5.350e-002	3.186e-004	5.988e-002	7.973e-002	7.541e-003	-6.943e-002
94	5.242e-002	4.330e-004	6.209e-002	-6.877e-002	1.508e-002	7.399e-002
95	-3.510e-003	5.447e-004	1.174e-002	-1.098e-001	2.262e-002	1.348e-001
96	-3.392e-003	5.366e-004	-1.199e-002	-1.106e-001	2.300e-002	-1.351e-001
97	5.269e-002	4.242e-004	-6.274e-002	-6.925e-002	1.533e-002	-7.417e-002
98	5.373e-002	3.092e-004	-6.044e-002	8.056e-002	7.667e-003	6.978e-002
99	5.196e-007	1.922e-004	-4.679e-006	1.447e-001	-4.722e-007	1.290e-001
100	-5.372e-002	3.091e-004	6.043e-002	8.056e-002	-7.668e-003	6.978e-002
101	-5.269e-002	4.242e-004	6.273e-002	-6.924e-002	-1.533e-002	-7.416e-002
102	3.392e-003	5.366e-004	1.199e-002	-1.106e-001	-2.300e-002	-1.351e-001
103	-1.275e-003	-3.272e-003	1.521e-002	-1.201e-001	2.195e-002	9.154e-002
104	1.152e-003	-3.238e-003	1.547e-002	-1.207e-001	-2.165e-002	-9.177e-002
105	4.750e-007	-2.262e-003	-4.724e-006	1.652e-001	7.295e-007	7.784e-002
106	4.210e-007	-2.197e-003	-4.894e-006	1.644e-001	7.161e-007	-7.747e-002
107	-1.152e-003	-3.238e-003	-1.547e-002	-1.207e-001	2.165e-002	-9.178e-002
108	1.275e-003	-3.272e-003	-1.522e-002	-1.201e-001	-2.195e-002	9.155e-002
109	-2.178e-005	-6.128e-003	1.911e-002	-1.385e-001	1.951e-002	4.747e-002
110	5.146e-007	-5.226e-003	-4.978e-006	1.888e-001	1.658e-006	3.618e-002
111	4.509e-007	-5.172e-003	-4.996e-006	1.884e-001	-1.268e-006	-3.587e-002
112	-6.200e-005	-6.097e-003	1.927e-002	-1.388e-001	-1.875e-002	-4.765e-002
113	6.228e-005	-6.097e-003	-1.927e-002	-1.388e-001	1.875e-002	-4.766e-002
114	2.206e-005	-6.128e-003	-1.911e-002	-1.385e-001	-1.951e-002	4.747e-002
115	3.187e-005	-6.876e-003	-2.139e-002	-1.655e-001	-4.470e-004	-9.701e-005
116	8.001e-005	-6.933e-003	-9.716e-002	-1.019e-001	-2.980e-004	-6.343e-005
117	7.115e-005	-6.947e-003	-9.209e-002	1.251e-001	-1.490e-004	1.018e-004
118	4.861e-007	-6.917e-003	-5.196e-006	2.173e-001	-3.171e-008	1.604e-004
119	-7.010e-005	-6.947e-003	9.208e-002	1.251e-001	1.487e-004	1.019e-004
120	-7.928e-005	-6.933e-003	9.715e-002	-1.019e-001	2.974e-004	-6.229e-005
121	-3.161e-005	-6.877e-003	2.138e-002	-1.655e-001	4.462e-004	-9.668e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000

Vettori modali 27 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
123	4.399e-005	3.131e-006	-1.297e-003	-1.642e-002	-8.235e-004	-2.698e-008
124	-4.369e-005	3.383e-006	-1.248e-003	-1.407e-002	1.366e-002	9.445e-008
125	1.066e-006	3.192e-005	1.128e-005	7.504e-004	5.179e-005	2.488e-008
126	1.614e-006	-9.158e-007	-2.737e-006	1.412e-002	-1.307e-005	-1.370e-008
127	7.186e-007	-8.519e-006	-3.507e-006	1.162e-002	1.701e-005	2.446e-008
128	9.323e-010	-1.546e-010	-7.486e-011	-1.599e-002	6.959e-003	-9.821e-009
129	2.906e-009	-6.412e-010	-2.105e-010	9.523e-005	-6.936e-003	2.416e-008
130	-4.193e-006	-8.402e-006	2.274e-005	4.609e-006	6.688e-003	2.852e-008
131	9.406e-010	-5.174e-010	-7.708e-011	-1.710e-002	-6.565e-003	-2.312e-008
132	1.411e-004	3.825e-006	-5.734e-003	-4.699e-003	-5.069e-002	-3.322e-008
133	-9.722e-005	1.608e-006	-5.482e-003	-6.086e-003	2.565e-002	1.484e-008
134	7.119e-005	5.170e-006	-5.221e-003	6.749e-003	-1.554e-002	-1.330e-008
135	-1.050e-004	1.463e-006	-4.958e-003	8.182e-003	3.153e-002	-2.881e-009
136	1.185e-006	2.363e-005	1.371e-005	-1.110e-004	-3.413e-005	2.108e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.065e-006	3.192e-005	1.128e-005	3.678e-004	3.038e-005	4.082e-008
139	1.616e-006	-9.152e-007	-2.737e-006	1.415e-002	-4.079e-005	-2.674e-008
140	7.165e-007	-8.519e-006	-3.507e-006	1.151e-002	2.719e-005	5.368e-008
141	-4.491e-005	3.800e-005	1.296e-003	-1.646e-002	4.197e-004	-8.586e-008
142	4.506e-005	4.141e-005	1.248e-003	-1.395e-002	-1.349e-002	1.384e-007
143	1.186e-006	2.363e-005	1.371e-005	-1.066e-004	-5.968e-006	2.344e-008
144	-6.778e-005	1.612e-005	5.216e-003	6.715e-003	1.543e-002	7.691e-009
145	1.065e-004	1.367e-005	4.951e-003	8.298e-003	-3.183e-002	-2.314e-008
146	-1.409e-004	2.675e-005	5.731e-003	-4.653e-003	5.115e-002	-7.613e-008
147	9.756e-005	2.695e-005	5.478e-003	-6.189e-003	-2.513e-002	1.327e-008
148	-5.472e-010	3.746e-005	1.254e-010	-1.592e-002	-7.119e-003	-7.688e-009
149	-2.700e-009	9.230e-006	2.115e-010	4.861e-005	7.097e-003	5.542e-008
150	3.669e-006	6.537e-006	-2.276e-005	2.300e-004	-6.849e-003	3.079e-008
151	-1.261e-009	4.093e-005	1.159e-010	-1.718e-002	6.723e-003	-1.504e-008

Vettori modali 28 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-9.759e-004	1.826e-005	-1.037e-002	-1.509e-002	4.359e-001	1.216e-006
2	1.691e-003	1.327e-004	-2.401e-002	4.731e-002	-6.156e-001	-4.419e-007
3	-5.861e-004	-1.615e-004	-1.047e-002	-4.919e-002	2.649e-001	3.178e-006
4	5.034e-004	-5.396e-005	1.300e-002	-6.678e-002	-1.445e-001	3.474e-007
5	-2.781e-004	-3.806e-006	-1.811e-003	-2.227e-002	-4.367e-002	3.721e-003
6	2.384e-004	-1.292e-005	-2.120e-003	-2.607e-002	4.753e-002	-2.806e-003
7	5.136e-004	-3.387e-005	1.288e-002	6.699e-002	-1.453e-001	-3.319e-008
8	-6.132e-004	1.597e-004	-1.050e-002	5.034e-002	2.635e-001	-2.383e-006
9	1.696e-003	-1.868e-004	-2.399e-002	-4.683e-002	-6.146e-001	2.521e-007
10	-9.976e-004	6.045e-006	-1.038e-002	1.389e-002	4.362e-001	-9.135e-007
11	1.222e-004	5.541e-006	5.910e-002	2.167e-005	1.033e-001	1.245e-004
12	4.440e-004	-1.739e-005	-1.363e-002	-6.373e-006	-1.801e-001	-3.724e-006
13	9.602e-005	4.721e-005	-1.639e-002	8.950e-006	1.899e-001	1.494e-005
14	-2.888e-004	-9.151e-006	-1.812e-003	2.228e-002	-4.397e-002	-3.821e-003
15	2.562e-004	2.123e-004	-2.118e-003	2.605e-002	4.737e-002	2.979e-003
16	0.000e+000	0.000e+000	0.000e+000	-2.281e-002	-3.497e-004	3.058e-003
17	0.000e+000	0.000e+000	0.000e+000	1.034e-001	1.682e-004	-9.409e-004
18	4.742e-005	-1.669e-004	-2.321e-005	6.006e-002	-1.452e-006	2.029e-004
19	0.000e+000	0.000e+000	0.000e+000	-2.670e-002	1.200e-004	-2.555e-003
20	-1.337e-003	-2.292e-005	-9.740e-003	-1.444e-002	-8.402e-002	-1.095e-003
21	-6.288e-005	6.989e-005	4.726e-002	7.642e-002	4.911e-002	4.176e-004
22	7.076e-004	2.358e-006	-1.145e-002	-1.716e-002	8.963e-002	-9.232e-004
23	6.242e-004	-2.450e-005	-1.383e-002	-2.219e-003	-1.321e-001	-2.397e-003
24	-4.021e-005	3.599e-005	7.100e-002	1.762e-002	4.670e-002	-4.885e-004

Vettori modali 28 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
25	1.083e-003	-3.609e-005	-1.645e-002	-3.118e-003	1.397e-001	1.144e-003
26	1.876e-004	-1.629e-005	7.160e-002	2.803e-005	-1.612e-003	3.359e-005
27	6.198e-004	-8.852e-006	-1.384e-002	2.213e-003	-1.322e-001	2.418e-003
28	-3.250e-005	-8.059e-005	7.102e-002	-1.759e-002	4.679e-002	4.565e-004
29	1.102e-003	1.426e-004	-1.644e-002	3.126e-003	1.397e-001	-1.200e-003
30	-1.354e-003	-4.228e-006	-9.745e-003	1.444e-002	-8.424e-002	1.122e-003
31	-4.816e-005	-1.496e-004	4.728e-002	-7.644e-002	4.876e-002	-4.453e-004
32	7.433e-004	1.428e-004	-1.144e-002	1.716e-002	8.951e-002	9.008e-004
33	0.000e+000	-8.901e-006	0.000e+000	2.283e-002	-3.527e-004	-3.234e-003
34	0.000e+000	-1.496e-004	0.000e+000	-1.035e-001	1.705e-004	1.130e-003
35	4.000e-005	1.259e-004	-2.374e-005	-6.011e-002	2.390e-009	4.257e-004
36	0.000e+000	2.143e-004	0.000e+000	2.668e-002	1.169e-004	2.840e-003
37	-1.863e-002	6.086e-003	-2.604e-003	-1.918e-003	-2.083e-002	-1.086e-002
38	2.024e-002	7.042e-003	-3.022e-003	-2.038e-003	2.276e-002	1.234e-002
39	-6.255e-002	-8.554e-006	-1.645e-002	-2.771e-005	-5.157e-002	-7.865e-005
40	6.706e-002	2.568e-005	-1.957e-002	7.426e-005	5.569e-002	-2.551e-005
41	-1.877e-002	-6.096e-003	-2.606e-003	1.894e-003	-2.097e-002	1.093e-002
42	2.019e-002	-6.810e-003	-3.021e-003	2.047e-003	2.266e-002	-1.215e-002
43	-1.651e-002	3.180e-003	-3.378e-003	1.052e-002	2.797e-002	-2.543e-002
44	1.797e-002	3.586e-003	-3.902e-003	1.228e-002	-3.041e-002	2.749e-002
45	-4.543e-002	5.438e-006	-1.915e-002	-2.201e-005	1.067e-001	-1.536e-004
46	4.915e-002	-1.374e-005	-2.261e-002	6.572e-005	-1.135e-001	-6.597e-005
47	-1.664e-002	-3.174e-003	-3.381e-003	-1.055e-002	2.815e-002	2.569e-002
48	1.791e-002	-3.445e-003	-3.901e-003	-1.194e-002	-3.035e-002	-2.728e-002
49	3.128e-003	-4.163e-005	-4.164e-003	-3.794e-003	3.499e-002	-4.072e-002
50	-3.457e-003	-7.584e-005	-4.796e-003	-4.785e-003	-3.836e-002	4.337e-002
51	2.064e-002	-2.544e-005	-1.417e-002	-2.707e-002	5.128e-002	-2.410e-002
52	-2.201e-002	-5.835e-005	-1.662e-002	-3.182e-002	-5.589e-002	2.528e-002
53	2.266e-002	-9.081e-006	-2.270e-002	-5.396e-003	6.757e-002	1.336e-002
54	-2.394e-002	-4.047e-005	-2.663e-002	-6.304e-003	-7.342e-002	-1.464e-002
55	1.605e-002	7.335e-006	-2.184e-002	1.872e-005	8.386e-002	-2.322e-004
56	-1.674e-002	-2.233e-005	-2.563e-002	-4.513e-005	-9.096e-002	-1.084e-004
57	2.285e-002	2.396e-005	-2.269e-002	5.393e-003	6.763e-002	-1.360e-002
58	-2.386e-002	-3.920e-006	-2.669e-002	6.180e-003	-7.339e-002	1.453e-002
59	2.083e-002	4.042e-005	-1.417e-002	2.705e-002	5.140e-002	2.437e-002
60	-2.192e-002	1.452e-005	-1.670e-002	3.189e-002	-5.583e-002	-2.515e-002
61	3.122e-003	5.663e-005	-4.169e-003	3.795e-003	3.517e-002	4.116e-002
62	-3.470e-003	3.286e-005	-4.796e-003	5.036e-003	-3.827e-002	-4.315e-002
63	-1.181e-002	-2.248e-003	-5.403e-003	7.172e-003	2.032e-003	3.977e-002
64	-3.043e-002	-1.219e-005	-2.778e-002	-6.441e-006	2.522e-002	-9.104e-005
65	-1.180e-002	2.158e-003	-5.403e-003	-7.217e-003	2.040e-003	-3.962e-002
66	1.066e-002	-2.042e-003	-4.702e-003	6.302e-003	-2.070e-003	-3.685e-002
67	2.811e-002	-1.268e-005	-2.379e-002	4.496e-005	-2.490e-002	-1.722e-004
68	1.068e-002	2.041e-003	-4.708e-003	-6.244e-003	-2.095e-003	3.721e-002
69	-1.381e-002	1.316e-004	-3.359e-002	-6.516e-005	3.644e-002	1.878e-002
70	-1.684e-002	2.742e-004	-2.380e-002	3.857e-002	2.767e-002	-1.013e-002
71	-4.715e-003	-4.399e-004	-6.004e-003	-2.078e-002	1.896e-002	3.600e-002
72	-1.688e-002	-2.988e-004	-2.385e-002	-3.859e-002	2.771e-002	1.021e-002
73	-1.386e-002	-1.558e-004	-3.362e-002	1.381e-004	3.647e-002	-1.883e-002
74	-6.596e-003	-1.178e-005	-2.985e-002	3.043e-006	4.522e-002	-7.279e-005
75	-4.720e-003	4.149e-004	-6.004e-003	2.062e-002	1.889e-002	-3.591e-002
76	4.217e-003	-3.918e-004	-5.236e-003	-1.845e-002	-1.683e-002	-3.278e-002
77	1.524e-002	-2.682e-004	-2.072e-002	-3.318e-002	-2.457e-002	-9.141e-003
78	1.246e-002	-1.429e-004	-2.901e-002	4.755e-004	-3.231e-002	1.708e-002
79	5.918e-003	-1.655e-005	-2.566e-002	-4.570e-005	-4.006e-002	-1.092e-004

Vettori modali 28 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
80	1.256e-002	1.094e-004	-2.905e-002	-5.266e-004	-3.234e-002	-1.721e-002
81	1.533e-002	2.345e-004	-2.076e-002	3.323e-002	-2.463e-002	9.278e-003
82	4.205e-003	3.582e-004	-5.243e-003	1.852e-002	-1.692e-002	3.305e-002
83	-1.869e-003	2.635e-004	-5.000e-003	-2.005e-002	1.233e-002	3.584e-002
84	1.704e-003	-2.142e-004	-4.348e-003	1.862e-002	-1.055e-002	3.316e-002
85	1.731e-003	1.894e-004	-4.346e-003	-1.858e-002	-1.047e-002	-3.293e-002
86	7.088e-004	-1.152e-005	-2.407e-002	-7.138e-005	-1.589e-002	-4.759e-005
87	-1.887e-003	-2.641e-004	-5.005e-003	1.990e-002	1.225e-002	-3.582e-002
88	-4.170e-004	-2.523e-006	-2.793e-002	-4.108e-005	2.144e-002	-6.493e-005
89	-4.484e-004	4.554e-004	-4.105e-003	-3.504e-002	6.037e-003	2.798e-002
90	-7.312e-003	3.084e-004	-2.477e-002	-3.773e-002	4.990e-003	9.663e-004
91	-3.232e-003	1.595e-004	-3.255e-002	5.662e-003	3.944e-003	-1.421e-002
92	1.506e-003	9.441e-006	-2.715e-002	-3.479e-005	2.897e-003	-2.715e-005
93	-3.233e-003	-1.402e-004	-3.256e-002	-5.643e-003	3.925e-003	1.425e-002
94	-7.336e-003	-2.890e-004	-2.476e-002	3.774e-002	4.953e-003	-9.275e-004
95	-4.771e-004	-4.358e-004	-4.119e-003	3.494e-002	5.981e-003	-2.801e-002
96	5.687e-004	3.790e-004	-3.632e-003	-3.252e-002	-4.496e-003	-2.633e-002
97	7.458e-003	2.527e-004	-2.226e-002	-3.337e-002	-2.065e-003	-2.212e-003
98	4.076e-003	1.248e-004	-2.892e-002	5.770e-003	3.651e-004	1.294e-002
99	-3.601e-004	-3.967e-006	-2.390e-002	-6.560e-005	2.796e-003	-1.008e-005
100	4.094e-003	-1.326e-004	-2.895e-002	-5.795e-003	3.564e-004	-1.298e-002
101	7.475e-003	-2.604e-004	-2.229e-002	3.344e-002	-2.083e-003	2.262e-003
102	5.336e-004	-3.865e-004	-3.628e-003	3.256e-002	-4.522e-003	2.650e-002
103	4.175e-005	-7.501e-004	-3.600e-003	3.849e-002	1.536e-003	-2.312e-002
104	1.651e-004	-6.918e-004	-3.297e-003	3.711e-002	-4.554e-004	2.196e-002
105	3.076e-004	5.949e-006	-2.538e-002	-7.056e-005	1.407e-002	3.095e-005
106	1.564e-003	1.871e-005	-2.771e-002	-4.854e-005	-7.538e-003	-2.715e-005
107	2.007e-004	7.074e-004	-3.301e-003	-3.711e-002	-4.758e-004	-2.181e-002
108	7.475e-005	7.865e-004	-3.581e-003	-3.858e-002	1.553e-003	2.307e-002
109	9.878e-005	-4.711e-004	-3.702e-003	4.587e-002	-1.737e-003	-1.407e-002
110	1.256e-003	1.762e-005	-2.858e-002	-6.178e-005	1.871e-002	4.225e-005
111	1.103e-003	2.578e-005	-2.977e-002	-5.062e-005	-1.219e-002	-8.909e-006
112	1.789e-004	-4.901e-004	-3.558e-003	4.529e-002	2.532e-003	1.363e-002
113	2.120e-004	5.291e-004	-3.556e-003	-4.530e-002	2.481e-003	-1.353e-002
114	1.317e-004	5.200e-004	-3.684e-003	-4.593e-002	-1.757e-003	1.405e-002
115	1.822e-004	4.133e-004	-3.942e-003	-5.674e-002	3.608e-004	-3.104e-004
116	7.931e-004	2.857e-004	-3.212e-002	-4.554e-002	1.264e-003	-1.620e-003
117	1.308e-003	1.562e-004	-3.957e-002	1.304e-002	2.168e-003	-3.456e-004
118	1.263e-003	2.567e-005	-3.108e-002	-4.404e-005	3.072e-003	2.509e-005
119	1.284e-003	-1.046e-004	-3.960e-002	-1.306e-002	2.184e-003	3.852e-004
120	7.605e-004	-2.342e-004	-3.214e-002	4.557e-002	1.296e-003	1.618e-003
121	1.502e-004	-3.622e-004	-3.954e-003	5.673e-002	4.081e-004	3.296e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.781e-004	-3.807e-006	-1.811e-003	-2.374e-002	9.036e-002	1.376e-006
124	2.385e-004	-1.293e-005	-2.120e-003	-5.272e-002	-3.010e-001	-2.389e-006
125	1.221e-004	5.573e-006	5.910e-002	1.321e-001	9.859e-002	3.946e-007
126	4.440e-004	-1.740e-005	-1.363e-002	2.695e-003	-2.522e-001	-5.042e-007
127	9.600e-005	4.721e-005	-1.639e-002	2.825e-002	2.248e-001	7.949e-008
128	1.420e-008	2.412e-009	2.224e-010	-2.071e-002	-1.100e-001	-5.224e-007
129	-3.874e-008	1.736e-008	4.118e-009	1.128e-001	1.097e-001	-4.900e-007
130	4.744e-005	-1.669e-004	-2.321e-005	-1.073e-001	-1.081e-001	-5.594e-007
131	-3.887e-008	5.626e-009	4.849e-010	-2.535e-004	1.072e-001	8.319e-007
132	-1.337e-003	-2.292e-005	-9.740e-003	-1.432e-002	6.934e-001	5.442e-007
133	7.076e-004	2.367e-006	-1.145e-002	7.956e-003	-2.266e-001	-3.436e-007
134	6.242e-004	-2.450e-005	-1.383e-002	-1.873e-003	-2.889e-001	3.922e-007

Vettori modali 28 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
135	1.083e-003	-3.611e-005	-1.645e-002	-2.792e-002	-4.067e-001	-4.923e-007
136	1.876e-004	-1.630e-005	7.160e-002	-1.517e-002	8.636e-003	-1.081e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.222e-004	5.510e-006	5.910e-002	-1.309e-001	9.848e-002	-5.390e-007
139	4.440e-004	-1.739e-005	-1.363e-002	-2.742e-003	-2.523e-001	5.120e-007
140	9.601e-005	4.722e-005	-1.639e-002	-2.837e-002	2.249e-001	-1.108e-007
141	-2.888e-004	-9.151e-006	-1.812e-003	2.379e-002	8.899e-002	-1.787e-006
142	2.563e-004	2.123e-004	-2.118e-003	5.283e-002	-3.017e-001	2.702e-006
143	1.876e-004	-1.627e-005	7.160e-002	1.523e-002	8.749e-003	1.014e-007
144	6.198e-004	-8.852e-006	-1.384e-002	1.901e-003	-2.891e-001	-5.082e-007
145	1.102e-003	1.426e-004	-1.644e-002	2.807e-002	-4.062e-001	5.281e-007
146	-1.354e-003	-4.227e-006	-9.745e-003	1.430e-002	6.944e-001	-1.143e-006
147	7.433e-004	1.428e-004	-1.144e-002	-8.093e-003	-2.285e-001	3.390e-007
148	1.546e-008	-8.903e-006	2.299e-010	2.068e-002	-1.102e-001	3.441e-007
149	-3.887e-008	-1.496e-004	4.018e-009	-1.129e-001	1.099e-001	1.118e-006
150	4.002e-005	1.260e-004	-2.374e-005	1.058e-001	-1.082e-001	6.107e-007
151	-4.187e-008	2.143e-004	6.623e-010	1.859e-004	1.073e-001	-6.579e-007

Vettori modali 29 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-8.458e-005	-7.074e-006	-3.207e-005	-3.055e-004	2.282e-003	2.394e-009
2	-5.031e-005	1.666e-005	-2.556e-004	1.794e-003	-1.824e-003	-2.265e-008
3	-3.697e-005	-1.571e-005	-4.540e-005	-1.150e-004	1.914e-003	-1.953e-008
4	-2.980e-005	1.841e-005	1.724e-004	8.194e-004	1.971e-003	1.955e-008
5	1.792e-006	2.913e-006	-5.429e-004	-6.658e-003	-2.004e-001	-5.386e-004
6	1.118e-006	-3.477e-006	5.130e-004	6.288e-003	-2.000e-001	-5.134e-004
7	1.573e-005	4.206e-006	-1.247e-004	9.642e-004	-1.970e-003	4.368e-009
8	1.585e-005	-3.158e-006	1.420e-005	-3.593e-004	-1.305e-003	-2.236e-008
9	1.969e-005	6.708e-007	2.050e-004	1.451e-003	5.903e-004	-1.179e-008
10	2.962e-005	2.103e-006	1.088e-005	7.601e-005	-1.727e-003	5.699e-009
11	-3.259e-005	-2.528e-005	3.824e-005	-1.766e-003	6.809e-005	-2.808e-004
12	-3.168e-005	-1.394e-005	-8.445e-006	5.537e-003	-1.204e-004	1.415e-003
13	-3.212e-005	1.725e-005	-1.027e-005	-5.185e-003	1.193e-004	1.345e-003
14	-7.167e-006	4.385e-005	5.409e-004	-6.633e-003	2.002e-001	-6.073e-004
15	-5.909e-006	-4.571e-005	-5.160e-004	6.325e-003	2.000e-001	-5.715e-004
16	0.000e+000	0.000e+000	0.000e+000	-6.851e-003	-1.628e-003	2.135e-004
17	0.000e+000	0.000e+000	0.000e+000	1.193e-004	8.186e-004	-3.891e-005
18	-4.326e-007	-6.234e-006	-1.699e-004	2.237e-003	5.448e-004	-4.160e-005
19	0.000e+000	0.000e+000	0.000e+000	6.474e-003	-1.630e-003	2.072e-004
20	5.987e-005	-2.093e-006	-2.457e-003	-2.304e-003	-1.411e-001	9.232e-005
21	1.547e-005	-2.977e-007	5.311e-005	7.938e-005	1.834e-003	-2.780e-005
22	4.107e-005	1.273e-006	2.304e-003	2.116e-003	-1.408e-001	8.556e-005
23	5.695e-005	-7.934e-006	-2.270e-003	2.865e-003	-7.063e-002	-2.396e-004
24	7.772e-006	-3.653e-007	6.946e-005	-1.545e-005	2.066e-003	1.035e-004
25	6.513e-005	8.244e-006	2.108e-003	-2.704e-003	-7.036e-002	-2.478e-004
26	-3.252e-005	6.222e-006	4.669e-005	-5.625e-005	7.673e-007	-9.812e-005
27	-1.096e-004	7.833e-006	2.253e-003	2.869e-003	7.042e-002	-2.696e-004
28	-6.522e-005	-3.599e-007	2.274e-005	-3.938e-005	-2.051e-003	7.249e-005
29	-1.189e-004	-7.750e-006	-2.129e-003	-2.703e-003	7.051e-002	-2.871e-004
30	-9.390e-005	2.788e-005	2.446e-003	-2.286e-003	1.410e-001	3.670e-005
31	-4.914e-005	3.534e-007	7.883e-006	-2.015e-005	-1.641e-003	-9.216e-005
32	-6.978e-005	-2.952e-005	-2.320e-003	2.138e-003	1.409e-001	2.965e-005
33	0.000e+000	4.288e-005	0.000e+000	-6.825e-003	1.627e-003	1.475e-004
34	0.000e+000	8.909e-007	0.000e+000	-1.372e-005	-8.178e-004	-9.517e-005
35	2.194e-007	-1.775e-005	1.698e-004	2.161e-003	-5.445e-004	-1.008e-004
36	0.000e+000	-4.444e-005	0.000e+000	6.512e-003	1.629e-003	1.442e-004

Vettori modali 29 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
37	-8.624e-002	6.601e-003	-8.472e-004	-1.365e-002	-1.030e-001	-8.262e-002
38	-8.610e-002	-6.403e-003	8.112e-004	1.335e-002	-1.029e-001	-8.236e-002
39	-8.496e-005	-4.847e-003	-1.027e-005	9.432e-003	-5.130e-005	8.909e-002
40	-3.838e-007	4.659e-003	-1.231e-005	-9.140e-003	2.025e-005	8.881e-002
41	8.617e-002	6.645e-003	8.442e-004	-1.365e-002	1.030e-001	-8.264e-002
42	8.609e-002	-6.465e-003	-8.154e-004	1.336e-002	1.029e-001	-8.241e-002
43	-8.167e-002	9.058e-003	-1.145e-003	6.022e-003	1.145e-001	-1.647e-001
44	-8.153e-002	-8.843e-003	1.104e-003	-5.775e-003	1.144e-001	-1.642e-001
45	-6.428e-005	-6.191e-003	-1.201e-005	-5.598e-003	1.268e-004	1.768e-001
46	-1.982e-006	5.982e-003	-1.427e-005	5.372e-003	-1.649e-005	1.763e-001
47	8.161e-002	9.091e-003	1.141e-003	6.073e-003	-1.144e-001	-1.647e-001
48	8.152e-002	-8.886e-003	-1.109e-003	-5.858e-003	-1.143e-001	-1.643e-001
49	-3.372e-003	6.814e-004	-1.449e-003	2.262e-002	1.232e-001	-2.508e-001
50	-3.340e-003	-6.850e-004	1.402e-003	-2.216e-002	1.231e-001	-2.500e-001
51	1.074e-001	7.077e-004	7.731e-003	1.200e-002	8.219e-002	-1.541e-001
52	1.071e-001	-7.117e-004	-7.592e-003	-1.176e-002	8.206e-002	-1.536e-001
53	1.111e-001	7.293e-004	8.022e-003	-1.060e-002	4.115e-002	1.415e-001
54	1.108e-001	-7.337e-004	-7.879e-003	1.038e-002	4.104e-002	1.412e-001
55	1.400e-005	7.460e-004	-1.375e-005	-1.869e-002	1.216e-004	2.687e-001
56	-7.009e-006	-7.508e-004	-1.622e-005	1.826e-002	6.884e-006	2.680e-001
57	-1.111e-001	7.297e-004	-8.058e-003	-1.061e-002	-4.095e-002	1.415e-001
58	-1.108e-001	-7.341e-004	7.852e-003	1.041e-002	-4.102e-002	1.412e-001
59	-1.074e-001	7.085e-004	-7.760e-003	1.204e-002	-8.202e-002	-1.541e-001
60	-1.071e-001	-7.125e-004	7.583e-003	-1.173e-002	-8.204e-002	-1.537e-001
61	3.388e-003	6.826e-004	1.444e-003	2.267e-002	-1.231e-001	-2.507e-001
62	3.347e-003	-6.862e-004	-1.408e-003	-2.220e-002	-1.231e-001	-2.501e-001
63	2.242e-002	7.661e-003	1.706e-003	-7.691e-003	-8.127e-003	-1.772e-001
64	2.156e-006	-5.862e-003	-1.772e-005	-4.055e-004	2.242e-005	1.880e-001
65	-2.240e-002	7.671e-003	-1.713e-003	-7.695e-003	8.125e-003	-1.773e-001
66	2.239e-002	-7.808e-003	-1.759e-003	7.762e-003	-8.174e-003	-1.778e-001
67	4.023e-005	5.974e-003	-1.490e-005	3.935e-004	-9.919e-006	1.886e-001
68	-2.235e-002	-7.812e-003	1.753e-003	7.749e-003	8.165e-003	-1.778e-001
69	-4.310e-002	2.572e-003	-1.531e-002	-2.100e-002	2.436e-002	5.510e-002
70	-4.160e-002	2.465e-003	-1.588e-002	1.853e-002	4.873e-002	-6.053e-002
71	-2.293e-003	2.339e-003	2.014e-003	3.105e-002	-7.316e-002	-1.007e-001
72	4.160e-002	2.464e-003	1.585e-002	1.848e-002	-4.878e-002	-6.054e-002
73	4.311e-002	2.572e-003	1.526e-002	-2.100e-002	-2.440e-002	5.509e-002
74	4.852e-006	2.663e-003	-1.917e-005	-3.506e-002	-2.103e-005	1.038e-001
75	2.295e-003	2.341e-003	-2.022e-003	3.109e-002	7.311e-002	-1.007e-001
76	-2.328e-003	-2.366e-003	-2.072e-003	-3.161e-002	-7.311e-002	-1.011e-001
77	4.177e-002	-2.490e-003	-1.616e-002	-1.881e-002	-4.877e-002	-6.084e-002
78	4.330e-002	-2.598e-003	-1.556e-002	2.137e-002	-2.442e-002	5.530e-002
79	1.294e-005	-2.688e-003	-1.601e-005	3.562e-002	-7.674e-005	1.043e-001
80	-4.326e-002	-2.598e-003	1.552e-002	2.137e-002	2.429e-002	5.527e-002
81	-4.173e-002	-2.490e-003	1.613e-002	-1.877e-002	4.866e-002	-6.081e-002
82	2.341e-003	-2.366e-003	2.066e-003	-3.159e-002	7.302e-002	-1.011e-001
83	-1.502e-002	2.310e-003	-3.085e-003	3.245e-002	-6.649e-002	-5.707e-002
84	1.504e-002	-2.369e-003	-3.115e-003	-3.304e-002	6.631e-002	-5.742e-002
85	-1.504e-002	-2.370e-003	3.115e-003	-3.306e-002	-6.638e-002	-5.746e-002
86	1.067e-007	-2.743e-003	-1.102e-005	2.813e-002	-6.279e-005	5.115e-002
87	1.501e-002	2.310e-003	3.073e-003	3.248e-002	6.645e-002	-5.713e-002
88	-5.371e-007	2.764e-003	-2.178e-005	-2.766e-002	-3.836e-005	5.069e-002
89	-2.291e-002	2.569e-003	-8.914e-003	2.275e-002	-3.387e-002	-2.257e-002
90	-1.415e-002	2.467e-003	-1.088e-003	1.089e-002	-2.259e-002	-1.904e-002
91	-4.261e-003	2.349e-003	1.660e-003	6.866e-004	-1.131e-002	-1.945e-002

Vettori modali 29 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
92	-5.600e-006	2.215e-003	-2.603e-005	-6.909e-003	-2.508e-005	7.170e-003
93	4.237e-003	2.348e-003	-1.726e-003	6.649e-004	1.126e-002	-1.942e-002
94	1.412e-002	2.466e-003	1.033e-003	1.096e-002	2.255e-002	-1.906e-002
95	2.290e-002	2.568e-003	8.898e-003	2.282e-002	3.384e-002	-2.262e-002
96	-2.292e-002	-2.572e-003	8.931e-003	-2.349e-002	-3.379e-002	-2.296e-002
97	-1.398e-002	-2.469e-003	7.989e-004	-1.130e-002	-2.253e-002	-1.933e-002
98	-4.064e-003	-2.350e-003	-1.958e-003	-3.242e-004	-1.128e-002	-1.922e-002
99	-6.897e-006	-2.216e-003	-6.159e-006	7.495e-003	-2.491e-005	7.688e-003
100	4.049e-003	-2.350e-003	1.945e-003	-3.191e-004	1.123e-002	-1.922e-002
101	1.396e-002	-2.469e-003	-8.045e-004	-1.128e-002	2.249e-002	-1.934e-002
102	2.291e-002	-2.571e-003	-8.925e-003	-2.346e-002	3.375e-002	-2.294e-002
103	2.468e-002	2.433e-003	1.099e-002	1.628e-002	-4.237e-003	-6.398e-003
104	2.469e-002	-2.400e-003	-1.101e-002	-1.694e-002	-4.292e-003	-6.604e-003
105	-7.606e-006	-9.555e-004	-5.773e-006	-7.274e-004	1.613e-005	1.157e-002
106	-6.748e-006	9.667e-004	-2.780e-005	1.277e-003	1.622e-006	1.108e-002
107	-2.470e-002	-2.401e-003	1.101e-002	-1.697e-002	4.301e-003	-6.625e-003
108	-2.470e-002	2.435e-003	-1.101e-002	1.621e-002	4.245e-003	-6.361e-003
109	2.334e-002	1.624e-003	7.471e-003	8.219e-003	-3.303e-002	4.730e-003
110	-5.605e-006	7.730e-004	-1.138e-005	-2.758e-003	4.292e-005	4.370e-003
111	-5.697e-006	-7.309e-004	-2.569e-005	3.367e-003	2.244e-005	4.052e-003
112	2.334e-002	-1.571e-003	-7.478e-003	-8.897e-003	-3.307e-002	4.625e-003
113	-2.336e-002	-1.571e-003	7.481e-003	-8.947e-003	3.311e-002	4.612e-003
114	-2.336e-002	1.626e-003	-7.484e-003	8.151e-003	3.306e-002	4.753e-003
115	-2.244e-002	3.086e-005	-4.581e-006	-4.308e-004	4.279e-002	1.047e-002
116	-2.614e-002	3.037e-005	-1.887e-004	-2.451e-004	2.854e-002	-4.854e-003
117	-1.527e-002	2.968e-005	-1.901e-004	2.354e-004	1.429e-002	-3.649e-002
118	-4.750e-006	2.879e-005	-1.979e-005	3.740e-004	4.054e-005	-1.483e-002
119	1.525e-002	2.951e-005	1.390e-004	2.169e-004	-1.422e-002	-3.648e-002
120	2.613e-002	3.004e-005	1.466e-004	-1.870e-004	-2.848e-002	-4.862e-003
121	2.243e-002	3.036e-005	-1.162e-006	-3.574e-004	-4.274e-002	1.046e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.792e-006	2.912e-006	-5.429e-004	-6.562e-003	-1.306e-003	-2.649e-008
124	1.119e-006	-3.477e-006	5.130e-004	5.699e-003	-3.287e-003	-3.446e-008
125	-3.258e-005	-2.527e-005	3.824e-005	1.615e-004	8.007e-004	6.118e-008
126	-3.167e-005	-1.394e-005	-8.445e-006	5.747e-003	5.662e-004	-6.837e-009
127	-3.212e-005	1.725e-005	-1.027e-005	-4.853e-003	-5.914e-004	-1.454e-009
128	-3.283e-011	-7.245e-011	-3.407e-011	-7.002e-003	-1.538e-004	1.848e-009
129	8.773e-010	-3.820e-010	-2.824e-011	1.317e-004	1.554e-004	7.569e-009
130	-4.329e-007	-6.233e-006	-1.699e-004	1.764e-003	1.298e-003	-3.702e-010
131	-6.479e-011	2.674e-010	3.479e-011	7.111e-003	-2.031e-003	-1.014e-008
132	5.987e-005	-2.093e-006	-2.457e-003	-2.550e-003	-1.626e-002	4.062e-009
133	4.107e-005	1.273e-006	2.304e-003	2.829e-003	-8.020e-003	-1.137e-008
134	5.694e-005	-7.934e-006	-2.270e-003	3.297e-003	-8.754e-003	3.837e-008
135	6.513e-005	8.243e-006	2.108e-003	-3.615e-003	-1.054e-002	1.410e-008
136	-3.252e-005	6.221e-006	4.669e-005	-7.204e-005	-7.206e-004	-8.541e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.259e-005	-2.527e-005	3.824e-005	3.173e-004	-7.280e-004	5.588e-008
139	-3.168e-005	-1.394e-005	-8.445e-006	5.674e-003	-9.522e-004	-1.992e-008
140	-3.212e-005	1.725e-005	-1.027e-005	-4.710e-003	9.348e-004	-2.468e-008
141	-7.168e-006	4.385e-005	5.409e-004	-6.475e-003	1.098e-003	-4.544e-008
142	-5.909e-006	-4.571e-005	-5.160e-004	5.600e-003	2.611e-003	-4.664e-008
143	-3.253e-005	6.221e-006	4.669e-005	-5.263e-005	7.918e-004	-1.027e-007
144	-1.096e-004	7.834e-006	2.253e-003	3.369e-003	8.428e-003	6.011e-008
145	-1.189e-004	-7.750e-006	-2.129e-003	-3.758e-003	1.012e-002	3.412e-008
146	-9.390e-005	2.788e-005	2.446e-003	-2.596e-003	1.770e-002	-4.617e-009

Vettori modali 29 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
147	-6.978e-005	-2.952e-005	-2.320e-003	2.992e-003	7.112e-003	-1.022e-008
148	-1.367e-010	4.288e-005	7.199e-011	-7.023e-003	-4.702e-006	-3.740e-009
149	-1.483e-009	8.902e-007	4.053e-011	-1.292e-005	2.389e-007	2.937e-008
150	2.195e-007	-1.775e-005	1.698e-004	1.692e-003	-1.450e-003	4.679e-009
151	-4.996e-011	-4.444e-005	-6.207e-011	7.268e-003	2.180e-003	-1.548e-008

Vettori modali 30 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.439e-005	1.186e-004	-2.899e-004	2.819e-003	-2.249e-004	-8.001e-008
2	3.815e-005	1.583e-004	-9.971e-004	4.780e-003	-1.319e-002	-6.880e-008
3	1.015e-005	1.320e-004	-2.918e-004	-2.671e-003	-1.441e-003	4.293e-008
4	-6.935e-006	1.595e-004	7.250e-004	2.314e-003	3.003e-003	4.362e-008
5	1.228e-005	1.353e-005	-1.032e-003	-1.273e-002	1.576e-001	2.707e-004
6	-3.413e-006	1.411e-005	-9.582e-004	-1.182e-002	-1.562e-001	-3.897e-004
7	2.115e-006	2.583e-005	-6.284e-004	1.670e-003	-1.993e-003	-6.126e-010
8	8.148e-007	2.213e-005	4.169e-004	-2.451e-004	-7.527e-004	7.018e-008
9	-3.625e-005	5.064e-005	1.003e-003	4.596e-003	1.306e-002	-4.125e-008
10	8.097e-006	4.762e-005	3.281e-004	-4.375e-005	5.888e-004	-2.124e-008
11	-1.174e-006	4.973e-005	-1.120e-005	2.947e-003	-1.833e-005	-2.329e-004
12	4.381e-006	9.961e-005	2.286e-006	1.022e-002	3.413e-005	-1.280e-003
13	-3.860e-006	9.935e-005	1.653e-006	9.289e-003	-3.205e-005	1.108e-003
14	-1.154e-005	1.992e-004	1.034e-003	-1.276e-002	-1.576e-001	2.917e-004
15	4.741e-006	2.003e-004	9.606e-004	-1.185e-002	1.561e-001	-4.004e-004
16	0.000e+000	0.000e+000	0.000e+000	-1.299e-002	9.655e-004	-3.339e-004
17	0.000e+000	0.000e+000	0.000e+000	1.957e-004	-9.316e-006	1.120e-004
18	-3.921e-007	2.210e-005	-4.754e-005	-3.888e-003	3.132e-004	-1.404e-006
19	0.000e+000	0.000e+000	0.000e+000	-1.206e-002	-9.440e-004	2.107e-004
20	1.008e-004	3.697e-005	-4.682e-003	-4.340e-003	1.110e-001	-2.425e-004
21	4.123e-006	2.589e-005	8.773e-005	1.096e-004	-1.520e-003	-3.817e-005
22	-4.105e-005	3.518e-005	-4.309e-003	-3.900e-003	-1.100e-001	2.601e-004
23	1.116e-005	7.039e-005	-4.278e-003	5.555e-003	5.553e-002	5.251e-004
24	8.617e-006	4.598e-005	8.267e-005	-1.257e-004	-2.016e-003	-1.098e-005
25	-3.404e-005	6.950e-005	-3.899e-003	5.118e-003	-5.501e-002	-3.977e-004
26	3.265e-007	6.524e-005	-1.352e-005	-2.241e-004	-7.658e-008	1.049e-004
27	5.052e-006	1.328e-004	4.285e-003	5.563e-003	-5.547e-002	5.130e-004
28	-1.012e-005	9.284e-005	-1.104e-004	-1.163e-004	2.075e-003	-1.490e-005
29	2.144e-005	1.323e-004	3.906e-003	5.129e-003	5.496e-002	-3.744e-004
30	-8.812e-005	1.638e-004	4.691e-003	-4.345e-003	-1.110e-001	-2.174e-004
31	-2.936e-006	1.145e-004	-1.048e-004	1.394e-004	5.813e-004	-2.571e-005
32	2.321e-005	1.624e-004	4.319e-003	-3.903e-003	1.099e-001	2.277e-004
33	0.000e+000	1.977e-004	0.000e+000	-1.301e-002	-9.647e-004	-3.449e-004
34	0.000e+000	1.211e-004	0.000e+000	2.318e-004	8.405e-006	5.700e-005
35	-1.241e-006	1.435e-004	4.768e-005	-3.874e-003	-3.135e-004	9.231e-005
36	0.000e+000	1.991e-004	0.000e+000	-1.209e-002	9.445e-004	2.662e-004
37	6.726e-002	1.512e-002	-1.407e-003	-3.252e-002	7.738e-002	7.694e-002
38	-6.663e-002	1.458e-002	-1.319e-003	-3.169e-002	-7.671e-002	-7.718e-002
39	1.833e-005	-6.125e-003	2.342e-006	9.771e-003	1.278e-005	-8.494e-002
40	-1.516e-005	-5.545e-003	1.644e-006	8.821e-003	-7.196e-006	8.487e-002
41	-6.725e-002	1.537e-002	1.409e-003	-3.260e-002	-7.736e-002	7.695e-002
42	6.662e-002	1.484e-002	1.322e-003	-3.178e-002	7.669e-002	-7.718e-002
43	6.132e-002	2.128e-002	-1.770e-003	1.311e-002	-9.334e-002	1.536e-001
44	-6.080e-002	2.070e-002	-1.670e-003	1.242e-002	9.225e-002	-1.540e-001
45	1.357e-005	-6.379e-003	2.380e-006	-9.805e-003	-2.920e-005	-1.686e-001
46	-9.530e-006	-5.714e-003	1.622e-006	-9.125e-003	2.626e-005	1.686e-001
47	-6.130e-002	2.148e-002	1.773e-003	1.344e-002	9.330e-002	1.536e-001
48	6.079e-002	2.090e-002	1.673e-003	1.275e-002	-9.224e-002	-1.540e-001

Vettori modali 30 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
49	2.994e-003	2.921e-003	-2.136e-003	4.768e-002	-7.582e-002	2.340e-001
50	-3.224e-003	2.953e-003	-2.023e-003	4.640e-002	7.449e-002	-2.345e-001
51	-1.052e-001	2.928e-003	1.495e-002	1.806e-002	-5.056e-002	1.545e-001
52	1.051e-001	2.963e-003	1.448e-002	1.721e-002	4.967e-002	-1.547e-001
53	-1.092e-001	2.914e-003	1.321e-002	-2.263e-002	-2.529e-002	-1.411e-001
54	1.092e-001	2.951e-003	1.268e-002	-2.200e-002	2.484e-002	1.411e-001
55	-3.375e-006	2.879e-003	2.400e-006	-2.227e-002	-2.269e-005	-2.563e-001
56	3.970e-006	2.918e-003	1.585e-006	-2.097e-002	1.443e-005	2.565e-001
57	1.091e-001	2.916e-003	-1.325e-002	-2.274e-002	2.525e-002	-1.411e-001
58	-1.092e-001	2.953e-003	-1.272e-002	-2.211e-002	-2.481e-002	1.411e-001
59	1.051e-001	2.932e-003	-1.501e-002	1.808e-002	5.052e-002	1.545e-001
60	-1.051e-001	2.967e-003	-1.454e-002	1.723e-002	-4.964e-002	-1.547e-001
61	-3.000e-003	2.927e-003	2.139e-003	4.792e-002	7.579e-002	2.340e-001
62	3.225e-003	2.960e-003	2.027e-003	4.663e-002	-7.447e-002	-2.345e-001
63	3.619e-003	-1.660e-002	-2.393e-003	2.542e-002	-2.778e-002	-1.040e-001
64	3.342e-006	8.599e-004	2.135e-006	2.326e-002	-1.263e-005	9.025e-002
65	-3.613e-003	-1.664e-002	2.397e-003	2.539e-002	2.778e-002	-1.040e-001
66	-4.221e-003	-1.696e-002	-2.520e-003	2.543e-002	2.766e-002	1.029e-001
67	-5.735e-006	1.151e-003	2.974e-006	2.322e-002	9.495e-006	-8.929e-002
68	4.208e-003	-1.700e-002	2.524e-003	2.541e-002	-2.766e-002	1.029e-001
69	3.462e-002	-1.343e-002	1.501e-002	2.588e-002	4.962e-003	-4.412e-002
70	3.515e-002	-1.361e-002	1.788e-002	-1.609e-002	9.928e-003	3.818e-002
71	-1.223e-002	-1.369e-002	-2.764e-003	-3.906e-002	-1.490e-002	3.324e-002
72	-3.514e-002	-1.361e-002	-1.786e-002	-1.607e-002	-9.937e-003	3.819e-002
73	-3.462e-002	-1.343e-002	-1.499e-002	2.585e-002	-4.971e-003	-4.410e-002
74	-2.843e-006	-1.315e-002	2.696e-006	2.592e-002	-5.306e-006	-8.452e-002
75	1.224e-002	-1.369e-002	2.768e-003	-3.912e-002	1.490e-002	3.327e-002
76	1.189e-002	-1.373e-002	-2.905e-003	-4.020e-002	1.581e-002	-3.497e-002
77	3.559e-002	-1.364e-002	-1.852e-002	-1.673e-002	1.054e-002	-3.944e-002
78	3.525e-002	-1.346e-002	-1.558e-002	2.675e-002	5.278e-003	4.467e-002
79	1.250e-006	-1.317e-002	3.555e-006	2.713e-002	1.159e-005	8.631e-002
80	-3.525e-002	-1.346e-002	1.560e-002	2.678e-002	-5.255e-003	4.470e-002
81	-3.560e-002	-1.364e-002	1.854e-002	-1.674e-002	-1.052e-002	-3.944e-002
82	-1.189e-002	-1.373e-002	2.908e-003	-4.025e-002	-1.579e-002	-3.500e-002
83	-1.233e-002	-6.957e-003	-2.927e-003	-6.720e-002	1.229e-002	3.851e-002
84	-1.214e-002	-6.952e-003	3.138e-003	-6.857e-002	1.153e-002	-4.017e-002
85	1.214e-002	-6.954e-003	-3.136e-003	-6.855e-002	-1.151e-002	-4.014e-002
86	2.555e-006	-8.802e-003	3.161e-006	1.807e-002	2.265e-006	1.167e-001
87	1.233e-002	-6.955e-003	2.930e-003	-6.722e-002	-1.230e-002	3.854e-002
88	-2.875e-006	-8.850e-003	2.827e-006	1.684e-002	5.277e-006	-1.147e-001
89	-8.651e-003	4.662e-004	-2.636e-004	-9.636e-002	3.532e-002	4.695e-002
90	-4.094e-002	2.369e-004	-3.668e-002	-3.999e-002	2.355e-002	5.727e-002
91	-4.432e-002	5.843e-006	-3.222e-002	5.377e-002	1.178e-002	-4.995e-002
92	-1.635e-006	-2.252e-004	3.929e-006	5.742e-002	1.077e-005	-1.170e-001
93	4.432e-002	6.210e-006	3.223e-002	5.378e-002	-1.177e-002	-4.997e-002
94	4.095e-002	2.376e-004	3.669e-002	-4.000e-002	-2.354e-002	5.727e-002
95	8.652e-003	4.673e-004	2.670e-004	-9.637e-002	-3.532e-002	4.698e-002
96	8.540e-003	5.132e-004	-5.382e-004	-9.794e-002	-3.507e-002	-4.835e-002
97	4.149e-002	2.792e-004	-3.770e-002	-4.093e-002	-2.338e-002	-5.827e-002
98	4.495e-002	4.302e-005	-3.312e-002	5.515e-002	-1.169e-002	5.067e-002
99	2.301e-006	-1.934e-004	3.526e-006	5.927e-002	-5.938e-006	1.185e-001
100	-4.495e-002	4.336e-005	3.313e-002	5.516e-002	1.169e-002	5.068e-002
101	-4.149e-002	2.798e-004	3.771e-002	-4.094e-002	2.338e-002	-5.826e-002
102	-8.539e-003	5.143e-004	5.390e-004	-9.796e-002	3.508e-002	-4.837e-002
103	3.606e-003	8.366e-003	-5.953e-003	-1.105e-001	-4.395e-002	1.147e-002

Vettori modali 30 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
104	-3.482e-003	8.414e-003	-5.695e-003	-1.117e-001	4.433e-002	-1.219e-002
105	1.336e-006	9.008e-003	4.943e-006	5.588e-002	-1.153e-005	8.914e-002
106	-3.472e-007	8.991e-003	5.744e-006	5.456e-002	1.222e-005	-8.843e-002
107	3.483e-003	8.413e-003	5.695e-003	-1.116e-001	-4.433e-002	-1.217e-002
108	-3.604e-003	8.365e-003	5.957e-003	-1.105e-001	4.395e-002	1.145e-002
109	6.913e-004	1.621e-002	-1.233e-002	-1.169e-001	-2.695e-002	-3.232e-003
110	5.400e-007	1.704e-002	7.088e-006	6.369e-002	-1.133e-005	4.972e-002
111	3.860e-007	1.702e-002	7.707e-006	6.301e-002	8.860e-006	-4.959e-002
112	-5.242e-004	1.624e-002	-1.217e-002	-1.175e-001	2.770e-002	2.945e-003
113	5.257e-004	1.624e-002	1.217e-002	-1.174e-001	-2.771e-002	2.953e-003
114	-6.898e-004	1.621e-002	1.233e-002	-1.168e-001	2.694e-002	-3.240e-003
115	-9.262e-005	1.970e-002	1.481e-002	-1.190e-001	-4.341e-004	-4.756e-005
116	-8.836e-005	1.996e-002	-3.255e-002	-6.234e-002	-2.901e-004	-1.879e-005
117	-5.482e-005	2.009e-002	-3.593e-002	4.676e-002	-1.460e-004	-1.168e-004
118	4.266e-007	2.006e-002	8.501e-006	8.164e-002	-1.873e-006	-7.671e-005
119	5.633e-005	2.009e-002	3.595e-002	4.677e-002	1.416e-004	-1.185e-004
120	9.017e-005	1.996e-002	3.257e-002	-6.237e-002	2.851e-004	-1.820e-005
121	9.392e-005	1.970e-002	-1.481e-002	-1.190e-001	4.287e-004	-4.697e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.228e-005	1.353e-005	-1.032e-003	-1.225e-002	-2.471e-003	-4.922e-008
124	-3.417e-006	1.411e-005	-9.582e-004	-9.697e-003	1.137e-002	1.122e-007
125	-1.174e-006	4.973e-005	-1.120e-005	-1.354e-003	9.922e-004	4.135e-009
126	4.381e-006	9.961e-005	2.286e-006	1.043e-002	1.059e-003	2.696e-008
127	-3.860e-006	9.935e-005	1.653e-006	7.755e-003	-1.043e-003	-1.705e-008
128	-1.134e-009	2.676e-009	9.385e-011	-1.364e-002	4.376e-003	4.940e-008
129	1.411e-009	3.523e-009	-1.335e-010	2.191e-004	-4.368e-003	-8.284e-010
130	-3.923e-007	2.210e-005	-4.754e-005	4.381e-003	4.718e-003	1.639e-008
131	2.321e-009	1.147e-009	1.953e-011	-1.429e-002	-4.876e-003	-6.480e-008
132	1.008e-004	3.696e-005	-4.682e-003	-5.094e-003	-4.637e-002	-2.665e-008
133	-4.105e-005	3.518e-005	-4.309e-003	-6.228e-003	1.923e-002	3.893e-008
134	1.116e-005	7.039e-005	-4.278e-003	6.694e-003	-1.045e-002	-1.250e-007
135	-3.404e-005	6.950e-005	-3.899e-003	7.854e-003	2.430e-002	3.821e-008
136	3.269e-007	6.524e-005	-1.352e-005	-2.546e-004	-1.014e-003	-3.124e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.174e-006	4.973e-005	-1.120e-005	-3.919e-003	-7.752e-004	4.803e-008
139	4.381e-006	9.961e-005	2.286e-006	1.047e-002	-7.126e-004	-5.800e-008
140	-3.860e-006	9.935e-005	1.653e-006	7.347e-003	7.141e-004	8.417e-008
141	-1.154e-005	1.992e-004	1.034e-003	-1.237e-002	9.060e-004	-2.264e-007
142	4.743e-006	2.003e-004	9.606e-004	-9.356e-003	-9.490e-003	2.478e-007
143	3.261e-007	6.525e-005	-1.352e-005	-2.724e-004	7.585e-004	-3.001e-008
144	5.050e-006	1.328e-004	4.285e-003	6.659e-003	1.048e-002	-2.890e-008
145	2.145e-005	1.323e-004	3.906e-003	8.264e-003	-2.533e-002	1.470e-009
146	-8.812e-005	1.638e-004	4.691e-003	-5.032e-003	4.651e-002	-1.140e-007
147	2.322e-005	1.624e-004	4.319e-003	-6.613e-003	-1.494e-002	3.410e-008
148	2.392e-009	1.977e-004	1.858e-010	-1.345e-002	-4.671e-003	1.690e-008
149	-5.946e-010	1.211e-004	1.623e-010	2.655e-004	4.665e-003	5.333e-008
150	-1.241e-006	1.435e-004	4.768e-005	6.206e-003	-5.023e-003	1.497e-008
151	-3.347e-009	1.991e-004	1.563e-010	-1.458e-002	5.174e-003	-2.977e-008

Vettori modali 31 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.648e-003	1.870e-004	3.520e-004	-1.938e-004	-1.119e-003	8.150e-007
2	9.539e-004	-2.821e-004	2.026e-004	-5.544e-003	1.638e-002	3.037e-007
3	5.188e-004	2.153e-004	3.668e-004	1.243e-004	2.451e-003	-3.547e-008
4	3.855e-004	-2.021e-004	-1.044e-003	2.716e-003	-1.644e-003	-2.376e-007
5	1.893e-004	3.041e-005	2.104e-004	2.632e-003	1.936e-001	-2.431e-003

Vettori modali 31 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
6	1.888e-004	-2.720e-005	-1.830e-004	-2.292e-003	1.932e-001	-2.421e-003
7	3.372e-004	1.008e-005	-8.335e-004	-2.035e-003	-1.447e-003	2.202e-007
8	4.578e-004	1.673e-005	1.193e-004	-4.631e-004	2.123e-003	-2.993e-008
9	8.832e-004	3.184e-005	1.681e-004	3.975e-003	1.438e-002	-3.137e-007
10	1.582e-003	3.380e-005	4.016e-004	1.375e-003	-1.594e-003	-1.065e-006
11	2.245e-003	7.007e-005	1.795e-004	7.811e-005	-2.415e-003	3.434e-004
12	2.318e-003	-1.788e-004	1.715e-003	-2.223e-004	1.556e-002	6.878e-005
13	2.326e-003	1.885e-004	-1.538e-003	2.144e-004	1.262e-002	4.227e-005
14	2.215e-004	-6.224e-004	1.708e-004	-2.140e-003	1.955e-001	2.750e-003
15	2.199e-004	6.373e-004	-1.439e-004	1.809e-003	1.950e-001	2.716e-003
16	0.000e+000	0.000e+000	0.000e+000	2.629e-003	1.577e-003	-2.085e-003
17	0.000e+000	0.000e+000	0.000e+000	-9.324e-004	-7.983e-004	-1.923e-004
18	3.984e-005	4.876e-005	1.657e-004	-1.383e-003	-5.300e-004	5.631e-004
19	0.000e+000	0.000e+000	0.000e+000	-2.285e-003	1.581e-003	-2.053e-003
20	9.186e-004	9.192e-005	1.203e-003	1.927e-003	1.410e-001	-1.378e-003
21	8.807e-004	4.303e-006	-4.206e-004	-6.568e-004	-5.100e-003	-2.175e-003
22	8.856e-004	-7.971e-005	-1.053e-003	-1.704e-003	1.398e-001	-1.353e-003
23	1.669e-003	2.467e-005	1.782e-003	3.408e-004	7.826e-002	-1.772e-003
24	1.734e-003	-1.334e-006	-6.116e-004	-1.041e-004	-4.906e-003	-1.514e-003
25	1.672e-003	-1.555e-005	-1.578e-003	-3.546e-004	7.619e-002	-1.833e-003
26	2.230e-003	7.107e-006	-5.987e-004	9.969e-006	-3.553e-003	1.385e-004
27	1.706e-003	-4.101e-004	1.605e-003	-5.567e-004	7.891e-002	1.639e-003
28	1.795e-003	1.512e-005	-6.028e-004	1.167e-004	-4.697e-003	1.325e-003
29	1.721e-003	4.214e-004	-1.407e-003	5.653e-004	7.685e-002	1.722e-003
30	9.890e-004	-5.640e-004	1.017e-003	-1.739e-003	1.423e-001	1.351e-003
31	9.654e-004	1.004e-005	-4.105e-004	6.491e-004	-7.452e-003	2.148e-003
32	9.479e-004	5.749e-004	-8.710e-004	1.525e-003	1.411e-001	1.341e-003
33	0.000e+000	-6.219e-004	0.000e+000	-2.132e-003	1.594e-003	2.591e-003
34	0.000e+000	2.082e-005	0.000e+000	9.058e-004	-8.096e-004	8.526e-004
35	2.600e-005	1.521e-004	1.680e-004	1.202e-003	-5.367e-004	3.738e-004
36	0.000e+000	6.397e-004	0.000e+000	1.795e-003	1.599e-003	2.562e-003
37	8.131e-002	-1.447e-003	1.712e-004	2.222e-003	8.615e-002	-6.362e-003
38	8.113e-002	1.349e-003	-1.400e-004	-2.174e-003	8.595e-002	-6.583e-003
39	5.226e-002	8.446e-005	1.170e-003	-6.480e-004	1.239e-001	1.806e-005
40	5.119e-002	-6.918e-005	-9.688e-004	6.428e-004	1.230e-001	-4.924e-007
41	8.212e-002	3.756e-004	1.203e-004	-1.550e-003	8.695e-002	6.795e-003
42	8.193e-002	-2.544e-004	-8.971e-005	1.491e-003	8.675e-002	6.999e-003
43	6.467e-002	-1.537e-003	1.305e-004	-1.959e-003	-1.450e-001	-1.029e-002
44	6.451e-002	1.481e-003	-9.578e-005	1.792e-003	-1.447e-001	-1.075e-002
45	8.037e-002	2.925e-004	6.150e-004	-5.899e-005	-3.539e-002	-3.266e-005
46	7.960e-002	-2.815e-004	-3.920e-004	8.025e-005	-3.351e-002	-4.325e-005
47	6.530e-002	6.761e-004	6.887e-005	4.236e-004	-1.465e-001	1.084e-002
48	6.514e-002	-6.001e-004	-3.473e-005	-2.267e-004	-1.462e-001	1.128e-002
49	-3.344e-002	1.046e-004	8.667e-005	-3.270e-003	-1.730e-001	-1.442e-002
50	-3.342e-002	-1.064e-004	-4.860e-005	3.324e-003	-1.727e-001	-1.511e-002
51	-2.051e-002	1.023e-004	-9.530e-004	-8.244e-004	-1.726e-001	-4.308e-002
52	-2.016e-002	-1.036e-004	1.117e-003	1.154e-003	-1.720e-001	-4.357e-002
53	3.759e-003	9.914e-005	-7.008e-004	1.576e-003	-1.723e-001	-4.908e-002
54	4.167e-003	-1.001e-004	9.622e-004	-1.534e-003	-1.714e-001	-4.885e-002
55	1.728e-002	9.525e-005	2.780e-005	7.377e-004	-1.720e-001	-8.586e-005
56	1.756e-002	-9.571e-005	2.164e-004	-7.253e-004	-1.707e-001	-8.810e-005
57	3.772e-003	8.970e-005	-6.627e-006	-5.914e-004	-1.729e-001	4.919e-002
58	4.181e-003	-8.971e-005	2.687e-004	5.348e-004	-1.719e-001	4.897e-002
59	-2.060e-002	8.346e-005	-2.578e-004	-1.825e-004	-1.737e-001	4.341e-002
60	-2.025e-002	-8.303e-005	4.151e-004	-1.545e-004	-1.731e-001	4.391e-002

Vettori modali 31 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
61	-3.377e-002	7.659e-005	1.431e-005	1.454e-003	-1.746e-001	1.508e-002
62	-3.375e-002	-7.572e-005	2.323e-005	-1.473e-003	-1.743e-001	1.577e-002
63	-7.313e-002	-1.060e-003	-1.045e-005	-2.297e-004	1.920e-002	1.434e-002
64	-5.061e-002	1.153e-004	7.497e-004	-1.290e-004	-8.328e-002	-6.273e-004
65	-7.388e-002	5.049e-004	7.520e-005	-5.577e-005	1.917e-002	-1.280e-002
66	-7.314e-002	1.067e-003	4.942e-005	1.870e-004	1.941e-002	1.460e-002
67	-5.100e-002	-1.238e-004	-4.928e-004	1.435e-004	-8.261e-002	-6.213e-004
68	-7.389e-002	-5.288e-004	-3.676e-005	1.232e-004	1.938e-002	-1.306e-002
69	-5.185e-002	-3.072e-004	3.718e-004	-3.537e-003	1.528e-001	2.837e-002
70	-4.718e-002	-6.140e-004	-1.018e-003	-1.132e-003	1.624e-001	-4.925e-002
71	-1.806e-002	8.991e-004	2.974e-005	-8.072e-003	1.710e-001	4.529e-002
72	-4.788e-002	6.039e-004	-1.743e-003	4.196e-004	1.617e-001	5.096e-002
73	-5.275e-002	3.040e-004	-2.558e-004	4.584e-003	1.525e-001	-2.930e-002
74	-3.724e-002	1.880e-006	1.304e-003	5.614e-004	1.432e-001	-1.194e-003
75	-1.848e-002	-9.161e-004	1.292e-004	6.529e-003	1.720e-001	-4.284e-002
76	-1.796e-002	-9.061e-004	9.873e-006	8.216e-003	1.711e-001	4.511e-002
77	-4.769e-002	-6.117e-004	1.949e-003	-3.161e-005	1.621e-001	5.087e-002
78	-5.259e-002	-3.127e-004	5.637e-004	-4.579e-003	1.530e-001	-2.910e-002
79	-3.717e-002	-1.129e-005	-1.036e-003	-5.743e-004	1.440e-001	-1.184e-003
80	-5.170e-002	2.968e-004	-6.842e-005	3.536e-003	1.534e-001	2.816e-002
81	-4.699e-002	6.026e-004	1.224e-003	7.540e-004	1.627e-001	-4.917e-002
82	-1.838e-002	9.039e-004	-9.016e-005	-6.690e-003	1.721e-001	-4.264e-002
83	1.182e-002	8.123e-005	1.222e-002	1.477e-003	1.584e-001	3.872e-003
84	1.168e-002	-1.579e-005	-1.258e-002	3.077e-003	1.592e-001	-1.445e-003
85	1.192e-002	-7.573e-005	-1.241e-002	-1.571e-003	1.583e-001	3.653e-003
86	-7.261e-003	-1.187e-005	-1.361e-002	-5.172e-004	1.788e-001	-1.200e-003
87	1.157e-002	1.180e-006	1.239e-002	-3.026e-003	1.593e-001	-1.689e-003
88	-7.432e-003	5.986e-006	1.361e-002	4.911e-004	1.786e-001	-1.226e-003
89	3.070e-002	-1.145e-003	2.642e-002	3.521e-002	8.184e-002	-2.388e-002
90	4.345e-002	-7.560e-004	4.973e-002	3.495e-002	8.805e-002	-9.037e-003
91	3.267e-002	-3.609e-004	4.783e-002	-3.927e-002	9.426e-002	4.758e-002
92	1.501e-002	3.693e-005	3.060e-002	9.205e-004	1.005e-001	-1.003e-003
93	3.348e-002	4.429e-004	4.877e-002	4.074e-002	9.437e-002	-4.853e-002
94	4.417e-002	8.456e-004	5.078e-002	-3.597e-002	8.827e-002	1.034e-002
95	3.055e-002	1.242e-003	2.667e-002	-3.698e-002	8.217e-002	2.571e-002
96	3.078e-002	1.146e-003	-2.658e-002	-3.532e-002	8.153e-002	-2.404e-002
97	4.364e-002	7.566e-004	-4.990e-002	-3.485e-002	8.768e-002	-9.253e-003
98	3.289e-002	3.614e-004	-4.790e-002	3.956e-002	9.384e-002	4.769e-002
99	1.516e-002	-3.650e-005	-3.058e-002	-9.320e-004	1.000e-001	-9.766e-004
100	3.369e-002	-4.425e-004	-4.884e-002	-4.101e-002	9.395e-002	-4.865e-002
101	4.436e-002	-8.451e-004	-5.095e-002	3.587e-002	8.790e-002	1.053e-002
102	3.063e-002	-1.241e-003	-2.683e-002	3.703e-002	8.185e-002	2.589e-002
103	3.430e-002	2.228e-003	3.112e-002	-2.881e-002	-1.828e-002	1.351e-002
104	3.433e-002	-2.213e-003	-3.123e-002	2.873e-002	-1.867e-002	1.352e-002
105	1.976e-002	-3.969e-005	-3.606e-002	-6.835e-004	-2.091e-002	-3.471e-004
106	1.969e-002	4.641e-005	3.620e-002	6.741e-004	-2.005e-002	-3.835e-004
107	3.448e-002	2.156e-003	-3.098e-002	-2.752e-002	-1.833e-002	-1.257e-002
108	3.445e-002	-2.158e-003	3.087e-002	2.751e-002	-1.794e-002	-1.259e-002
109	3.025e-002	1.954e-003	2.081e-002	-1.601e-002	-9.245e-002	9.676e-003
110	1.505e-002	-2.476e-005	-2.402e-002	-3.532e-004	-1.080e-001	5.235e-005
111	1.503e-002	3.757e-005	2.429e-002	3.575e-004	-1.073e-001	2.485e-005
112	3.025e-002	-1.932e-003	-2.086e-002	1.576e-002	-9.272e-002	9.623e-003
113	3.044e-002	1.920e-003	-2.071e-002	-1.515e-002	-9.200e-002	-9.269e-003
114	3.044e-002	-1.916e-003	2.066e-002	1.532e-002	-9.173e-002	-9.349e-003
115	2.783e-002	3.347e-006	-1.118e-005	1.909e-004	-1.196e-001	-1.440e-002

Vettori modali 31 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
116	3.681e-002	4.818e-006	1.200e-004	2.687e-004	-1.260e-001	-5.480e-003
117	2.716e-002	6.253e-006	1.901e-004	9.924e-006	-1.324e-001	4.056e-002
118	1.204e-002	7.640e-006	1.708e-004	1.333e-005	-1.388e-001	2.140e-004
119	2.695e-002	9.151e-006	2.060e-004	1.780e-005	-1.327e-001	-4.022e-002
120	3.654e-002	1.059e-005	1.387e-004	-2.877e-004	-1.266e-001	5.386e-003
121	2.762e-002	1.195e-005	-1.016e-005	-2.374e-004	-1.205e-001	1.445e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.893e-004	3.042e-005	2.104e-004	8.085e-003	7.593e-003	9.343e-007
124	1.888e-004	-2.722e-005	-1.830e-004	-6.162e-003	2.028e-003	7.820e-007
125	2.245e-003	7.006e-005	1.795e-004	-1.665e-003	-1.291e-003	-8.657e-007
126	2.318e-003	-1.787e-004	1.715e-003	-6.086e-003	1.189e-002	6.088e-008
127	2.326e-003	1.884e-004	-1.538e-003	4.475e-003	8.596e-003	-1.249e-007
128	2.741e-008	3.612e-009	3.118e-010	-2.880e-003	2.885e-003	-3.819e-007
129	3.615e-008	1.197e-009	-2.145e-010	-1.041e-003	-2.709e-003	2.889e-007
130	3.986e-005	4.875e-005	1.657e-004	6.129e-004	1.302e-003	-2.231e-008
131	1.738e-008	-4.427e-009	-4.070e-010	1.699e-003	-3.875e-004	-2.088e-007
132	9.186e-004	9.194e-005	1.203e-003	-3.452e-003	-8.266e-003	-3.624e-008
133	8.856e-004	-7.973e-005	-1.053e-003	2.132e-003	4.291e-003	3.184e-008
134	1.669e-003	2.469e-005	1.782e-003	5.761e-003	1.175e-002	-3.595e-007
135	1.672e-003	-1.557e-005	-1.578e-003	-4.226e-003	1.158e-002	1.425e-007
136	2.230e-003	7.112e-006	-5.987e-004	1.726e-004	-5.328e-003	4.850e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.245e-003	7.007e-005	1.795e-004	4.119e-004	-1.138e-003	6.098e-007
139	2.318e-003	-1.788e-004	1.715e-003	3.292e-003	1.203e-002	2.846e-008
140	2.326e-003	1.885e-004	-1.538e-003	-2.982e-003	8.459e-003	2.156e-007
141	2.215e-004	-6.224e-004	1.708e-004	-5.267e-003	7.676e-003	-6.262e-007
142	2.199e-004	6.373e-004	-1.439e-004	4.641e-003	1.882e-003	-5.122e-007
143	2.230e-003	7.102e-006	-5.987e-004	-1.444e-004	-5.448e-003	-1.532e-007
144	1.706e-003	-4.101e-004	1.605e-003	-3.687e-003	1.100e-002	2.015e-008
145	1.721e-003	4.214e-004	-1.407e-003	3.438e-003	9.807e-003	-3.187e-007
146	9.890e-004	-5.640e-004	1.017e-003	1.318e-003	-1.130e-002	1.251e-007
147	9.479e-004	5.749e-004	-8.710e-004	-1.277e-003	3.981e-003	-5.022e-008
148	1.920e-008	-6.219e-004	-9.907e-011	9.036e-004	3.855e-003	2.083e-007
149	2.728e-008	2.082e-005	-2.481e-010	1.008e-003	-3.715e-003	-3.413e-007
150	2.601e-005	1.521e-004	1.680e-004	-2.355e-003	2.253e-003	2.473e-008
151	1.239e-008	6.397e-004	-5.447e-011	-9.739e-004	-1.378e-003	1.628e-007

Vettori modali 32 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	2.593e-004	1.570e-005	-3.292e-004	-3.034e-003	-6.722e-003	-3.161e-008
2	1.705e-004	-1.170e-004	8.886e-004	-7.672e-003	7.906e-003	6.023e-008
3	1.219e-004	6.710e-005	1.049e-004	4.909e-003	9.179e-004	-6.291e-008
4	1.039e-004	-1.059e-004	-1.334e-003	-5.155e-003	-6.325e-003	-1.447e-007
5	-1.065e-004	-1.170e-005	2.368e-003	2.914e-002	-1.266e-001	1.376e-003
6	-1.031e-004	9.670e-006	-2.220e-003	-2.730e-002	-1.293e-001	1.305e-003
7	-3.155e-005	-3.710e-005	1.235e-003	-5.573e-003	5.622e-003	-7.085e-008
8	-2.434e-005	6.113e-006	-4.145e-005	6.572e-003	-2.363e-003	-3.793e-008
9	-9.256e-006	-3.902e-005	-8.207e-004	-6.571e-003	-6.201e-003	2.084e-008
10	-8.748e-007	-2.921e-005	3.605e-004	-4.926e-003	6.755e-003	-6.217e-008
11	1.561e-004	-5.393e-006	-1.168e-005	8.067e-003	-6.210e-006	1.081e-004
12	1.522e-004	1.142e-005	-1.440e-005	-2.639e-002	-8.038e-005	-4.368e-004
13	1.530e-004	-3.520e-005	1.577e-005	2.439e-002	-1.255e-004	-5.407e-004
14	1.304e-004	-2.230e-004	-2.374e-003	2.922e-002	1.235e-001	1.679e-003
15	1.256e-004	2.087e-004	2.227e-003	-2.739e-002	1.262e-001	1.580e-003
16	0.000e+000	0.000e+000	0.000e+000	2.982e-002	-1.033e-003	1.186e-003
17	0.000e+000	0.000e+000	0.000e+000	8.693e-005	5.254e-004	-2.287e-004

Vettori modali 32 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
18	3.327e-006	-5.721e-005	-1.099e-004	-9.266e-003	3.539e-004	-2.981e-004
19	0.000e+000	0.000e+000	0.000e+000	-2.797e-002	-1.055e-003	1.143e-003
20	-2.215e-004	2.788e-006	1.108e-002	1.118e-002	-8.918e-002	-3.141e-004
21	-9.707e-006	-8.589e-006	3.355e-005	2.909e-005	-2.885e-003	3.789e-005
22	-1.616e-004	-1.228e-005	-1.030e-002	-1.020e-002	-9.112e-002	-2.953e-004
23	-4.008e-005	7.575e-006	1.054e-002	-1.284e-002	-4.463e-002	-3.728e-004
24	5.403e-005	-1.016e-005	2.994e-005	-4.655e-005	-7.302e-003	-2.471e-004
25	-7.812e-005	-2.407e-005	-9.725e-003	1.193e-002	-4.563e-002	-2.629e-004
26	1.562e-004	-1.351e-005	-9.601e-006	-9.495e-005	1.987e-005	-4.537e-005
27	2.987e-004	-7.226e-005	-1.057e-002	-1.285e-002	4.343e-002	-2.215e-004
28	2.231e-004	-9.627e-006	-4.712e-005	-3.778e-005	7.521e-003	-9.901e-005
29	3.439e-004	5.221e-005	9.762e-003	1.194e-002	4.435e-002	-8.798e-005
30	3.783e-004	-1.503e-004	-1.111e-002	1.121e-002	8.693e-002	-3.363e-005
31	1.722e-004	-9.532e-006	-4.342e-005	4.892e-005	2.356e-003	3.457e-004
32	3.032e-004	1.335e-004	1.033e-002	-1.023e-002	8.882e-002	-8.679e-006
33	0.000e+000	-2.218e-004	0.000e+000	2.990e-002	1.008e-003	1.488e-003
34	0.000e+000	2.235e-006	0.000e+000	1.066e-004	-5.132e-004	5.505e-005
35	-1.679e-006	4.013e-006	1.073e-004	-9.281e-003	-3.455e-004	-3.029e-005
36	0.000e+000	2.089e-004	0.000e+000	-2.806e-002	1.030e-003	1.435e-003
37	-5.297e-002	-2.648e-002	3.315e-003	5.130e-002	-5.514e-002	2.436e-002
38	-5.412e-002	2.541e-002	-3.182e-003	-4.968e-002	-5.641e-002	2.355e-002
39	-2.006e-004	2.644e-002	-8.586e-006	-5.316e-002	-9.754e-004	-1.334e-002
40	-2.195e-004	-2.547e-002	1.085e-005	5.180e-002	-9.984e-004	-1.242e-002
41	5.168e-002	-2.681e-002	-3.320e-003	5.148e-002	5.375e-002	2.444e-002
42	5.282e-002	2.574e-002	3.188e-003	-4.985e-002	5.500e-002	2.362e-002
43	-4.105e-002	-3.341e-002	4.234e-003	-3.068e-002	9.754e-002	4.734e-002
44	-4.203e-002	3.227e-002	-4.116e-003	2.929e-002	9.934e-002	4.579e-002
45	-5.082e-004	3.450e-002	-2.702e-006	2.875e-002	-4.505e-005	-2.624e-002
46	-5.250e-004	-3.352e-002	5.845e-006	-2.743e-002	-1.538e-005	-2.430e-002
47	4.003e-002	-3.368e-002	-4.238e-003	-3.111e-002	-9.520e-002	4.720e-002
48	4.100e-002	3.253e-002	4.123e-003	2.970e-002	-9.698e-002	4.565e-002
49	2.457e-002	6.546e-004	5.160e-003	-8.180e-002	1.159e-001	7.145e-002
50	2.470e-002	-6.488e-004	-5.060e-003	7.963e-002	1.174e-001	6.912e-002
51	-3.227e-003	7.287e-004	-3.248e-002	-5.457e-002	7.763e-002	4.196e-002
52	-1.908e-003	-7.141e-004	3.170e-002	5.346e-002	7.866e-002	4.021e-002
53	-1.234e-002	7.972e-004	-3.515e-002	4.461e-002	3.939e-002	-5.372e-003
54	-1.101e-002	-7.739e-004	3.438e-002	-4.347e-002	3.992e-002	-3.601e-003
55	-1.812e-004	8.595e-004	3.494e-006	8.203e-002	1.142e-003	-3.977e-002
56	-1.783e-004	-8.277e-004	5.396e-007	-8.050e-002	1.172e-003	-3.676e-002
57	1.218e-002	7.945e-004	3.521e-002	4.478e-002	-3.694e-002	-6.161e-003
58	1.086e-002	-7.713e-004	-3.444e-002	-4.363e-002	-3.742e-002	-4.405e-003
59	3.495e-003	7.233e-004	3.259e-002	-5.463e-002	-7.503e-002	4.111e-002
60	2.190e-003	-7.090e-004	-3.179e-002	5.351e-002	-7.602e-002	3.937e-002
61	-2.401e-002	6.464e-004	-5.163e-003	-8.216e-002	-1.131e-001	7.107e-002
62	-2.414e-002	-6.411e-004	5.065e-003	7.997e-002	-1.146e-001	6.876e-002
63	5.618e-002	-2.297e-002	-6.115e-003	6.436e-003	4.118e-003	1.220e-001
64	3.376e-004	2.015e-002	-3.334e-006	-1.724e-003	7.228e-004	-1.014e-001
65	-5.498e-002	-2.303e-002	6.120e-003	6.401e-003	-4.453e-003	1.222e-001
66	5.585e-002	2.354e-002	6.204e-003	-6.704e-003	4.591e-003	1.215e-001
67	3.284e-004	-2.006e-002	8.008e-006	6.297e-004	7.257e-004	-1.015e-001
68	-5.466e-002	2.360e-002	-6.206e-003	-6.664e-003	-4.916e-003	1.217e-001
69	6.472e-002	-2.376e-003	4.182e-002	6.255e-002	2.420e-002	-6.679e-002
70	4.953e-002	-2.731e-003	4.502e-002	-5.022e-002	4.942e-002	1.244e-001
71	3.170e-002	-3.075e-003	-7.174e-003	-8.101e-002	-7.743e-002	1.777e-001
72	-4.876e-002	-2.738e-003	-4.497e-002	-5.021e-002	-5.196e-002	1.236e-001

Vettori modali 32 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
73	-6.388e-002	-2.380e-003	-4.180e-002	6.244e-002	-2.649e-002	-6.629e-002
74	2.884e-004	-2.003e-003	-7.378e-006	8.541e-002	-1.021e-003	-1.693e-001
75	-3.141e-002	-3.064e-003	7.179e-003	-8.120e-002	7.463e-002	1.784e-001
76	3.172e-002	3.515e-003	7.250e-003	8.138e-002	-7.698e-002	1.741e-001
77	-4.722e-002	3.178e-003	4.508e-002	5.004e-002	-5.166e-002	1.216e-001
78	-6.242e-002	2.816e-003	4.178e-002	-6.266e-002	-2.633e-002	-6.410e-002
79	2.850e-004	2.432e-003	1.269e-005	-8.500e-002	-1.008e-003	-1.664e-001
80	6.324e-002	2.813e-003	-4.179e-002	-6.277e-002	2.406e-002	-6.460e-002
81	4.798e-002	3.171e-003	-4.512e-002	5.003e-002	4.913e-002	1.224e-001
82	-3.143e-002	3.505e-003	-7.252e-003	8.156e-002	7.420e-002	1.749e-001
83	1.845e-002	-2.268e-004	-1.287e-002	-9.309e-002	-7.010e-002	1.565e-001
84	-1.870e-002	5.749e-004	-1.282e-002	9.310e-002	6.739e-002	1.528e-001
85	1.851e-002	5.779e-004	1.302e-002	9.310e-002	-6.998e-002	1.527e-001
86	6.819e-005	4.062e-003	1.041e-004	-8.588e-002	-1.324e-003	-1.696e-001
87	-1.864e-002	-2.236e-004	1.268e-002	-9.309e-002	6.752e-002	1.566e-001
88	6.968e-005	-3.921e-003	-9.774e-005	8.804e-002	-1.332e-003	-1.717e-001
89	1.074e-002	-6.899e-004	-1.895e-002	-1.241e-001	-2.669e-002	1.296e-001
90	-5.207e-002	-1.186e-003	-7.935e-002	-8.063e-002	-1.805e-002	9.646e-002
91	-5.961e-002	-1.673e-003	-7.219e-002	1.091e-001	-9.406e-003	-6.955e-002
92	-9.918e-005	-2.147e-003	-2.256e-004	1.456e-001	-7.630e-004	-1.476e-001
93	5.912e-002	-1.679e-003	7.146e-002	1.085e-001	7.945e-003	-6.876e-002
94	5.138e-002	-1.198e-003	7.857e-002	-8.011e-002	1.665e-002	9.636e-002
95	-1.124e-002	-7.070e-004	1.853e-002	-1.235e-001	2.536e-002	1.293e-001
96	1.079e-002	6.751e-004	1.910e-002	1.229e-001	-2.681e-002	1.258e-001
97	-5.053e-002	1.169e-003	7.863e-002	7.885e-002	-1.813e-002	9.480e-002
98	-5.827e-002	1.654e-003	7.116e-002	-1.083e-001	-9.443e-003	-6.727e-002
99	-9.977e-005	2.126e-003	2.315e-004	-1.424e-001	-7.594e-004	-1.453e-001
100	5.778e-002	1.660e-003	-7.041e-002	-1.076e-001	7.986e-003	-6.647e-002
101	4.983e-002	1.181e-003	-7.782e-002	7.831e-002	1.673e-002	9.470e-002
102	-1.130e-002	6.925e-004	-1.867e-002	1.224e-001	2.548e-002	1.254e-001
103	-1.144e-002	-1.814e-003	1.832e-002	-9.079e-002	-2.489e-002	5.486e-002
104	-1.146e-002	1.423e-003	-1.849e-002	8.949e-002	-2.465e-002	5.192e-002
105	-1.352e-004	2.194e-004	2.740e-004	-9.941e-002	1.489e-004	-6.925e-002
106	-1.351e-004	-4.866e-004	-2.684e-004	1.034e-001	1.478e-004	-6.951e-002
107	1.090e-002	1.389e-003	1.900e-002	8.993e-002	2.494e-002	5.212e-002
108	1.087e-002	-1.780e-003	-1.882e-002	-9.120e-002	2.518e-002	5.505e-002
109	-1.446e-002	-1.859e-003	1.112e-002	-4.819e-002	-5.412e-002	7.381e-003
110	-1.003e-004	-1.498e-003	1.848e-004	-4.934e-002	8.068e-004	-1.489e-002
111	-1.002e-004	8.869e-004	-1.789e-004	5.370e-002	8.092e-004	-1.442e-002
112	-1.447e-002	1.172e-003	-1.132e-002	4.634e-002	-5.406e-002	5.717e-003
113	1.397e-002	1.141e-003	1.166e-002	4.658e-002	5.555e-002	5.869e-003
114	1.396e-002	-1.829e-003	-1.145e-002	-4.841e-002	5.561e-002	7.524e-003
115	1.553e-002	-3.961e-004	1.010e-004	-1.371e-003	6.401e-002	-1.235e-002
116	2.182e-002	-3.974e-004	-6.699e-004	-1.314e-003	4.302e-002	-2.972e-003
117	1.446e-002	-3.957e-004	-8.111e-004	8.479e-004	2.203e-002	3.099e-002
118	-7.764e-005	-3.908e-004	3.102e-006	2.188e-003	1.048e-003	1.781e-002
119	-1.487e-002	-3.956e-004	8.226e-004	8.609e-004	-1.999e-002	3.168e-002
120	-2.241e-002	-3.974e-004	6.828e-004	-1.324e-003	-4.103e-002	-3.009e-003
121	-1.598e-002	-3.961e-004	-9.613e-005	-1.389e-003	-6.207e-002	-1.257e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.065e-004	-1.169e-005	2.368e-003	2.992e-002	5.592e-003	-6.430e-008
124	-1.031e-004	9.666e-006	-2.220e-003	-2.602e-002	2.081e-002	-3.294e-008
125	1.561e-004	-5.394e-006	-1.168e-005	2.639e-003	-3.615e-004	-6.890e-008
126	1.522e-004	1.142e-005	-1.440e-005	-2.851e-002	-3.740e-004	5.476e-008
127	1.530e-004	-3.520e-005	1.577e-005	2.420e-002	2.489e-004	6.060e-008

Vettori modali 32 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
128	-3.774e-009	-6.365e-010	5.395e-011	2.928e-002	-8.278e-003	5.250e-008
129	-7.530e-009	-2.513e-010	2.414e-010	1.293e-004	8.235e-003	-6.409e-008
130	3.329e-006	-5.721e-005	-1.099e-004	-7.484e-003	-7.241e-003	-4.039e-008
131	-2.102e-009	4.667e-010	-1.191e-011	-2.945e-002	6.753e-003	2.753e-008
132	-2.215e-004	2.790e-006	1.108e-002	1.153e-002	7.624e-002	7.362e-008
133	-1.616e-004	-1.228e-005	-1.030e-002	-1.245e-002	4.703e-002	1.864e-008
134	-4.008e-005	7.575e-006	1.054e-002	-1.370e-002	3.733e-002	2.134e-008
135	-7.813e-005	-2.407e-005	-9.725e-003	1.475e-002	5.036e-002	3.994e-010
136	1.562e-004	-1.351e-005	-9.601e-006	-1.157e-004	3.577e-004	9.219e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.561e-004	-5.392e-006	-1.168e-005	9.804e-004	6.303e-004	-1.567e-008
139	1.522e-004	1.141e-005	-1.440e-005	-2.817e-002	5.742e-004	1.258e-007
140	1.530e-004	-3.520e-005	1.577e-005	2.333e-002	-7.551e-004	1.946e-007
141	1.304e-004	-2.230e-004	-2.374e-003	2.970e-002	-4.525e-003	2.847e-008
142	1.256e-004	2.087e-004	2.227e-003	-2.527e-002	-1.950e-002	3.145e-008
143	1.563e-004	-1.351e-005	-9.601e-006	-1.176e-004	-5.859e-004	1.059e-007
144	2.987e-004	-7.226e-005	-1.057e-002	-1.404e-002	-3.759e-002	-5.030e-008
145	3.439e-004	5.221e-005	9.762e-003	1.563e-002	-5.114e-002	-6.593e-008
146	3.783e-004	-1.503e-004	-1.111e-002	1.189e-002	-7.846e-002	1.692e-007
147	3.032e-004	1.335e-004	1.033e-002	-1.333e-002	-4.403e-002	1.742e-008
148	4.308e-009	-2.218e-004	-2.526e-010	2.956e-002	8.036e-003	5.755e-008
149	9.849e-009	2.235e-006	-2.599e-010	1.491e-004	-7.983e-003	-1.657e-007
150	-1.679e-006	4.014e-006	1.073e-004	-6.088e-003	7.013e-003	-5.519e-008
151	2.390e-009	2.089e-004	1.413e-010	-3.028e-002	-6.532e-003	5.239e-008

Vettori modali 33 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	3.216e-006	-4.596e-004	2.260e-004	-6.217e-003	-1.965e-003	1.766e-007
2	-2.529e-005	-5.178e-004	9.217e-004	-4.721e-003	1.072e-002	4.922e-008
3	-2.680e-005	-4.895e-004	2.420e-004	6.078e-003	4.014e-003	-3.389e-008
4	1.485e-005	-5.296e-004	-5.732e-004	-1.911e-003	-3.386e-003	-4.088e-008
5	-1.175e-005	-4.399e-005	1.444e-003	1.815e-002	5.936e-002	2.493e-004
6	-1.752e-006	-4.687e-005	1.386e-003	1.743e-002	-5.716e-002	-1.020e-004
7	-6.076e-006	-5.258e-005	3.130e-004	7.596e-005	5.499e-004	4.562e-008
8	-7.615e-006	-9.545e-005	-6.187e-004	-2.929e-003	3.583e-003	-1.253e-007
9	8.553e-006	-1.420e-004	-9.311e-004	-4.453e-003	-1.020e-002	3.323e-009
10	1.752e-005	-2.076e-004	-3.351e-004	4.153e-003	1.880e-004	1.466e-008
11	8.661e-007	-3.326e-004	1.076e-005	-3.733e-003	1.522e-005	-1.867e-004
12	-2.008e-005	-3.803e-004	-7.784e-007	-1.263e-002	-3.004e-005	-2.405e-004
13	1.075e-005	-3.807e-004	1.079e-006	-1.177e-002	2.486e-005	3.414e-004
14	5.143e-006	-6.638e-004	-1.453e-003	1.826e-002	-5.940e-002	1.367e-004
15	-5.536e-007	-6.779e-004	-1.396e-003	1.756e-002	5.730e-002	-4.407e-005
16	0.000e+000	0.000e+000	0.000e+000	1.800e-002	3.588e-004	9.765e-005
17	0.000e+000	0.000e+000	0.000e+000	-2.531e-004	6.126e-006	-2.297e-004
18	-2.414e-006	-7.452e-005	-1.986e-005	5.589e-003	1.212e-004	-1.830e-004
19	0.000e+000	0.000e+000	0.000e+000	1.727e-002	-3.567e-004	1.200e-004
20	-1.621e-004	-1.410e-004	6.512e-003	5.651e-003	4.179e-002	1.830e-004
21	-5.014e-006	-1.161e-004	-1.142e-004	-1.429e-004	2.773e-003	7.108e-005
22	1.014e-004	-1.426e-004	6.193e-003	5.213e-003	-4.024e-002	-2.298e-004
23	-9.901e-005	-2.651e-004	5.719e-003	-8.026e-003	2.088e-002	-1.986e-004
24	-4.688e-006	-2.216e-004	-1.080e-004	1.593e-004	-5.701e-005	-2.650e-005
25	1.252e-004	-2.656e-004	5.371e-003	-7.648e-003	-2.011e-002	1.080e-004
26	-4.915e-006	-3.170e-004	1.295e-005	2.864e-004	1.165e-006	3.435e-005
27	3.091e-005	-4.760e-004	-5.733e-003	-8.076e-003	-2.093e-002	-1.541e-004
28	2.921e-006	-3.927e-004	1.380e-004	1.463e-004	-2.968e-004	-1.654e-005
29	-8.434e-005	-4.813e-004	-5.386e-003	-7.707e-003	2.019e-002	1.763e-005

Vettori modali 33 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
30	1.074e-004	-5.673e-004	-6.547e-003	5.654e-003	-4.184e-002	9.176e-005
31	-2.367e-006	-4.438e-004	1.306e-004	-1.735e-004	3.524e-004	1.651e-005
32	-3.667e-005	-5.767e-004	-6.230e-003	5.213e-003	4.036e-002	-1.274e-004
33	0.000e+000	-6.586e-004	0.000e+000	1.810e-002	-3.605e-004	7.050e-005
34	0.000e+000	-4.598e-004	0.000e+000	-2.868e-004	-3.075e-006	-3.197e-005
35	7.068e-006	-5.193e-004	1.937e-005	5.608e-003	-1.205e-004	-4.040e-004
36	0.000e+000	-6.734e-004	0.000e+000	1.740e-002	3.553e-004	-3.296e-005
37	2.486e-002	-3.449e-002	1.085e-003	8.033e-002	2.637e-002	7.587e-003
38	-2.396e-002	-3.430e-002	1.043e-003	8.030e-002	-2.545e-002	-8.439e-003
39	-2.902e-005	-2.972e-003	1.221e-006	1.595e-002	6.394e-006	-1.544e-002
40	2.895e-005	-3.283e-003	3.815e-006	1.621e-002	2.674e-005	1.626e-002
41	-2.488e-002	-3.545e-002	-1.094e-003	8.085e-002	-2.638e-002	7.528e-003
42	2.402e-002	-3.528e-002	-1.053e-003	8.084e-002	2.551e-002	-8.411e-003
43	2.021e-002	-5.125e-002	7.168e-004	-2.723e-002	-4.152e-002	1.492e-002
44	-1.956e-002	-5.118e-002	6.910e-004	-2.685e-002	3.969e-002	-1.678e-002
45	-1.224e-005	-1.010e-002	3.210e-006	8.082e-003	5.227e-005	-3.065e-002
46	2.597e-005	-1.034e-002	6.518e-006	7.631e-003	-3.901e-005	3.218e-002
47	-2.022e-002	-5.203e-002	-7.259e-004	-2.847e-002	4.156e-002	1.492e-002
48	1.961e-002	-5.198e-002	-7.010e-004	-2.811e-002	-3.980e-002	-1.678e-002
49	-5.388e-003	-1.027e-002	3.238e-004	-1.037e-001	-3.607e-002	2.262e-002
50	4.786e-003	-1.032e-002	3.152e-004	-1.039e-001	3.372e-002	-2.552e-002
51	-2.018e-002	-1.021e-002	-2.868e-002	-1.344e-002	-2.405e-002	2.425e-002
52	2.083e-002	-1.026e-002	-2.873e-002	-1.347e-002	2.246e-002	-2.612e-002
53	-2.009e-002	-1.007e-002	-1.660e-002	5.023e-002	-1.202e-002	-2.640e-002
54	2.099e-002	-1.013e-002	-1.663e-002	5.032e-002	1.121e-002	2.731e-002
55	8.456e-006	-9.851e-003	5.266e-006	-5.706e-003	6.791e-006	-4.659e-002
56	-5.326e-007	-9.908e-003	9.291e-006	-5.653e-003	-4.137e-005	4.888e-002
57	2.012e-002	-1.008e-002	1.678e-002	5.071e-002	1.204e-002	-2.642e-002
58	-2.101e-002	-1.013e-002	1.683e-002	5.081e-002	-1.130e-002	2.736e-002
59	2.020e-002	-1.023e-002	2.896e-002	-1.361e-002	2.406e-002	2.428e-002
60	-2.086e-002	-1.028e-002	2.903e-002	-1.367e-002	-2.257e-002	-2.612e-002
61	5.394e-003	-1.030e-002	-3.330e-004	-1.047e-001	3.609e-002	2.267e-002
62	-4.808e-003	-1.034e-002	-3.250e-004	-1.049e-001	-3.383e-002	-2.555e-002
63	9.169e-003	4.060e-002	3.355e-005	-8.475e-002	-1.151e-002	4.605e-002
64	-6.518e-006	3.008e-002	8.578e-006	-1.119e-001	1.182e-005	1.221e-002
65	-9.215e-003	4.076e-002	-4.398e-005	-8.463e-002	1.153e-002	4.599e-002
66	-1.046e-002	4.048e-002	2.626e-005	-8.443e-002	1.137e-002	-4.906e-002
67	-3.814e-006	3.026e-002	4.103e-006	-1.120e-001	-4.217e-005	-1.007e-002
68	1.047e-002	4.063e-002	-3.616e-005	-8.432e-002	-1.138e-002	-4.900e-002
69	2.924e-002	5.398e-002	1.013e-002	-7.018e-003	5.371e-003	-6.469e-002
70	3.996e-002	5.426e-002	6.584e-004	-2.184e-002	1.071e-002	3.187e-002
71	-2.271e-004	5.409e-002	-2.628e-004	3.152e-002	-1.597e-002	1.213e-001
72	-4.000e-002	5.425e-002	-7.270e-004	-2.184e-002	-1.064e-002	3.186e-002
73	-2.925e-002	5.397e-002	-1.016e-002	-6.883e-003	-5.305e-003	-6.476e-002
74	5.398e-006	5.326e-002	7.755e-006	5.403e-002	2.734e-005	-2.634e-002
75	2.150e-004	5.410e-002	2.518e-004	3.174e-002	1.606e-002	1.212e-001
76	-4.608e-004	5.408e-002	-2.868e-004	3.053e-002	1.809e-002	-1.244e-001
77	4.056e-002	5.424e-002	-1.233e-003	-2.254e-002	1.206e-002	-3.362e-002
78	3.003e-002	5.397e-002	-1.067e-002	-6.189e-003	6.034e-003	6.562e-002
79	-1.614e-005	5.326e-002	2.846e-006	5.512e-002	8.070e-006	2.832e-002
80	-3.005e-002	5.397e-002	1.063e-002	-6.316e-003	-6.020e-003	6.557e-002
81	-4.056e-002	5.425e-002	1.161e-003	-2.251e-002	-1.205e-002	-3.366e-002
82	4.614e-004	5.409e-002	2.762e-004	3.075e-002	-1.808e-002	-1.243e-001
83	-2.143e-003	3.282e-002	-1.123e-003	9.013e-002	-6.241e-003	1.483e-001
84	-1.831e-003	3.260e-002	1.313e-003	8.879e-002	-8.290e-003	-1.511e-001

Vettori modali 33 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
85	1.835e-003	3.261e-002	-1.325e-003	8.871e-002	8.315e-003	-1.512e-001
86	-1.185e-005	3.149e-002	8.222e-007	1.522e-001	3.868e-005	-6.287e-002
87	2.145e-003	3.281e-002	1.117e-003	9.021e-002	6.311e-003	1.483e-001
88	9.028e-006	3.164e-002	9.103e-006	1.503e-001	1.062e-005	6.510e-002
89	-2.247e-003	1.007e-003	-1.281e-003	9.882e-002	4.807e-003	1.400e-001
90	-3.008e-002	1.140e-003	6.928e-003	-4.120e-002	3.199e-003	-1.475e-002
91	-5.272e-003	1.264e-003	-1.633e-002	-2.940e-002	1.590e-003	-6.184e-002
92	8.643e-006	1.378e-003	8.610e-006	1.149e-001	-1.806e-005	7.138e-002
93	5.286e-003	1.263e-003	1.635e-002	-2.941e-002	-1.605e-003	-6.182e-002
94	3.009e-002	1.137e-003	-6.923e-003	-4.123e-002	-3.193e-003	-1.474e-002
95	2.257e-003	1.003e-003	1.281e-003	9.884e-002	-4.780e-003	1.400e-001
96	2.181e-003	7.884e-004	-1.670e-003	9.634e-002	-3.831e-003	-1.423e-001
97	3.117e-002	9.120e-004	5.241e-003	-4.304e-002	-2.540e-003	1.300e-002
98	6.444e-003	1.028e-003	-1.791e-002	-2.709e-002	-1.248e-003	6.331e-002
99	-5.364e-006	1.136e-003	-4.351e-006	1.182e-001	4.369e-005	-6.864e-002
100	-6.440e-003	1.027e-003	1.789e-002	-2.713e-002	1.314e-003	6.326e-002
101	-3.115e-002	9.090e-004	-5.272e-003	-4.303e-002	2.584e-003	1.299e-002
102	-2.173e-003	7.839e-004	1.655e-003	9.638e-002	3.855e-003	-1.422e-001
103	1.166e-003	-3.647e-002	-1.978e-004	1.524e-001	-1.314e-002	1.502e-001
104	-1.111e-003	-3.665e-002	2.109e-004	1.505e-001	1.353e-002	-1.509e-001
105	-9.209e-007	-3.300e-002	-1.027e-005	1.299e-001	3.271e-005	-1.664e-001
106	4.904e-006	-3.278e-002	3.482e-006	1.277e-001	-4.592e-005	1.682e-001
107	1.120e-003	-3.665e-002	-2.282e-004	1.505e-001	-1.352e-002	-1.509e-001
108	-1.155e-003	-3.647e-002	1.988e-004	1.524e-001	1.313e-002	1.503e-001
109	2.246e-004	-7.119e-002	-2.527e-003	1.705e-001	-1.163e-002	1.009e-001
110	6.456e-007	-6.945e-002	-1.420e-005	7.377e-002	9.953e-006	-1.425e-001
111	1.358e-006	-6.934e-002	-5.397e-006	7.267e-002	-5.051e-005	1.434e-001
112	-1.086e-004	-7.129e-002	-2.267e-003	1.695e-001	1.285e-002	-1.006e-001
113	1.172e-004	-7.129e-002	2.250e-003	1.695e-001	-1.286e-002	-1.007e-001
114	-2.158e-004	-7.120e-002	2.523e-003	1.705e-001	1.159e-002	1.009e-001
115	-6.719e-005	-8.557e-002	3.710e-003	1.622e-001	-7.673e-004	2.600e-004
116	-1.128e-004	-8.611e-002	5.619e-002	3.912e-002	-5.198e-004	-7.219e-005
117	-3.072e-005	-8.595e-002	3.964e-002	-9.100e-002	-2.724e-004	-2.024e-004
118	4.443e-007	-8.510e-002	-1.299e-005	-3.133e-002	-2.490e-005	1.641e-004
119	3.620e-005	-8.595e-002	-3.968e-002	-9.104e-002	2.272e-004	-2.158e-004
120	1.224e-004	-8.611e-002	-5.623e-002	3.917e-002	4.794e-004	-7.383e-005
121	7.515e-005	-8.557e-002	-3.721e-003	1.623e-001	7.315e-004	2.642e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.175e-005	-4.399e-005	1.444e-003	1.585e-002	8.503e-003	-6.327e-008
124	-1.745e-006	-4.687e-005	1.386e-003	1.355e-002	-1.740e-002	-2.946e-008
125	8.674e-007	-3.326e-004	1.076e-005	-2.818e-003	-1.281e-003	1.269e-007
126	-2.008e-005	-3.803e-004	-7.785e-007	-1.154e-002	-1.346e-003	-1.615e-007
127	1.075e-005	-3.807e-004	1.079e-006	-8.966e-003	1.324e-003	1.515e-007
128	1.770e-009	-1.020e-008	-5.276e-010	2.054e-002	-1.998e-003	-1.282e-007
129	-6.868e-010	-1.315e-008	-1.805e-011	-2.697e-004	2.007e-003	5.532e-008
130	-2.415e-006	-7.452e-005	-1.986e-005	-1.405e-003	-1.778e-003	1.011e-008
131	-2.438e-009	-5.499e-009	-2.549e-010	2.129e-002	1.637e-003	1.234e-007
132	-1.621e-004	-1.410e-004	6.512e-003	8.212e-003	5.405e-002	-4.838e-008
133	1.014e-004	-1.426e-004	6.193e-003	9.276e-003	-3.188e-002	-7.213e-008
134	-9.900e-005	-2.651e-004	5.719e-003	-1.135e-002	1.671e-002	2.338e-007
135	1.252e-004	-2.656e-004	5.371e-003	-1.253e-002	-3.323e-002	-7.420e-008
136	-4.916e-006	-3.170e-004	1.295e-005	3.169e-004	1.303e-003	-5.003e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	8.650e-007	-3.326e-004	1.076e-005	6.689e-003	4.340e-004	-8.409e-009
139	-2.008e-005	-3.803e-004	-7.785e-007	-1.155e-002	3.857e-004	1.328e-007

Vettori modali 33 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
140	1.075e-005	-3.808e-004	1.079e-006	-7.553e-003	-3.871e-004	-1.628e-007
141	5.143e-006	-6.638e-004	-1.453e-003	1.615e-002	-4.118e-003	4.464e-007
142	-5.564e-007	-6.779e-004	-1.396e-003	1.239e-002	1.145e-002	-4.380e-007
143	-4.914e-006	-3.170e-004	1.295e-005	3.659e-004	-4.228e-004	2.306e-008
144	3.091e-005	-4.760e-004	-5.733e-003	-1.137e-002	-1.648e-002	-1.392e-007
145	-8.434e-005	-4.813e-004	-5.386e-003	-1.398e-002	3.753e-002	5.475e-008
146	1.074e-004	-5.673e-004	-6.547e-003	8.101e-003	-5.470e-002	1.346e-007
147	-3.667e-005	-5.767e-004	-6.230e-003	1.060e-002	1.695e-002	-5.871e-008
148	-5.581e-009	-6.586e-004	-4.178e-010	2.003e-002	2.843e-003	-2.917e-008
149	-1.936e-009	-4.598e-004	-1.039e-010	-3.391e-004	-2.856e-003	-6.066e-008
150	7.072e-006	-5.193e-004	1.937e-005	-8.738e-003	2.653e-003	1.199e-008
151	5.574e-009	-6.734e-004	-3.281e-010	2.235e-002	-2.490e-003	2.314e-008

Vettori modali 34 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	2.860e-004	4.283e-005	-3.490e-004	7.558e-003	-9.311e-003	3.912e-009
2	1.688e-004	-9.501e-005	1.354e-003	-3.740e-003	-1.023e-003	1.090e-007
3	1.337e-004	8.316e-005	-3.851e-004	-5.387e-003	-1.578e-002	1.739e-007
4	9.211e-005	-1.277e-004	-2.896e-004	-8.335e-003	-6.016e-003	6.265e-009
5	4.577e-005	-1.772e-005	3.101e-003	3.879e-002	4.620e-002	-7.146e-004
6	7.456e-005	1.720e-005	-2.399e-003	-3.005e-002	5.163e-002	-1.131e-003
7	1.083e-005	-4.089e-005	1.874e-004	-9.003e-003	5.199e-003	7.499e-008
8	4.924e-006	2.309e-006	4.500e-004	-3.136e-003	1.404e-002	1.564e-007
9	6.649e-005	5.323e-006	-1.291e-003	-2.452e-003	3.019e-003	5.852e-008
10	9.217e-005	-1.720e-005	3.913e-004	5.098e-003	9.517e-003	-6.479e-008
11	2.330e-004	-4.781e-005	-5.572e-006	1.056e-002	-2.071e-005	-2.317e-004
12	2.289e-004	1.116e-004	-5.223e-006	-4.135e-002	2.047e-005	4.156e-004
13	2.298e-004	-9.002e-005	5.547e-006	3.170e-002	-2.185e-005	2.916e-004
14	-1.025e-005	-2.911e-004	-3.109e-003	3.890e-002	-4.709e-002	-2.636e-004
15	-4.115e-005	2.775e-004	2.408e-003	-3.016e-002	-5.257e-002	-7.165e-004
16	0.000e+000	0.000e+000	0.000e+000	3.873e-002	3.884e-004	-4.544e-004
17	0.000e+000	0.000e+000	0.000e+000	-9.954e-006	-2.150e-004	9.520e-005
18	1.232e-005	4.590e-005	4.498e-005	-9.993e-003	-1.439e-004	2.408e-004
19	0.000e+000	0.000e+000	0.000e+000	-2.996e-002	4.259e-004	-7.500e-004
20	-1.269e-004	3.381e-005	1.551e-002	1.772e-002	3.254e-002	5.274e-004
21	9.572e-005	1.580e-006	-7.513e-006	-1.636e-005	-1.461e-002	-2.356e-004
22	3.083e-005	-2.620e-005	-1.191e-002	-1.339e-002	3.635e-002	5.621e-004
23	2.727e-006	6.552e-005	1.566e-002	-1.737e-002	1.628e-002	-7.694e-004
24	1.567e-004	5.812e-006	-9.531e-006	4.429e-006	-1.340e-002	-9.318e-005
25	-7.980e-006	-5.173e-005	-1.195e-002	1.330e-002	1.817e-002	-5.119e-004
26	2.331e-004	1.139e-006	-9.291e-006	-2.892e-006	-1.050e-005	-2.158e-004
27	3.801e-004	-4.108e-005	-1.569e-002	-1.741e-002	-1.657e-002	-5.272e-004
28	2.506e-004	7.625e-006	-6.949e-006	1.297e-005	1.354e-002	1.390e-004
29	4.002e-004	5.140e-005	1.198e-002	1.334e-002	-1.852e-002	-2.392e-004
30	3.552e-004	-1.675e-004	-1.554e-002	1.773e-002	-3.316e-002	9.354e-004
31	1.391e-004	2.357e-006	-1.843e-006	3.086e-006	1.385e-002	2.234e-004
32	1.776e-004	1.676e-004	1.195e-002	-1.341e-002	-3.703e-002	9.788e-004
33	0.000e+000	-2.856e-004	0.000e+000	3.884e-002	-3.953e-004	-1.421e-005
34	0.000e+000	6.192e-006	0.000e+000	8.368e-006	2.179e-004	4.710e-004
35	-8.983e-006	1.276e-004	-4.561e-005	-1.002e-002	1.461e-004	5.725e-004
36	0.000e+000	2.720e-004	0.000e+000	-3.007e-002	-4.328e-004	-3.267e-004
37	1.863e-002	-4.333e-002	2.464e-003	8.728e-002	1.582e-002	-5.276e-002
38	2.087e-002	3.610e-002	-1.855e-003	-7.425e-002	1.786e-002	-5.540e-002
39	2.343e-004	5.795e-002	-1.937e-006	-1.243e-001	-1.251e-004	4.986e-002
40	2.129e-004	-4.644e-002	2.984e-006	1.005e-001	-1.560e-004	5.154e-002
41	-1.897e-002	-4.384e-002	-2.472e-003	8.769e-002	-1.620e-002	-5.255e-002

Vettori modali 34 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
42	-2.123e-002	3.659e-002	1.864e-003	-7.465e-002	-1.827e-002	-5.521e-002
43	1.003e-002	-5.470e-002	1.804e-003	-5.449e-002	-4.856e-002	-1.048e-001
44	1.150e-002	4.636e-002	-1.292e-003	4.448e-002	-5.340e-002	-1.097e-001
45	7.846e-005	7.806e-002	1.368e-006	6.313e-002	-4.375e-004	9.930e-002
46	5.754e-005	-6.294e-002	3.936e-007	-5.051e-002	-4.049e-004	1.028e-001
47	-1.029e-002	-5.515e-002	-1.812e-003	-5.516e-002	4.924e-002	-1.048e-001
48	-1.177e-002	4.680e-002	1.302e-003	4.512e-002	5.411e-002	-1.097e-001
49	-2.450e-002	3.475e-003	1.093e-003	-1.338e-001	-7.335e-002	-1.594e-001
50	-2.617e-002	-2.423e-003	-6.892e-004	1.137e-001	-7.885e-002	-1.666e-001
51	5.112e-002	3.903e-003	-7.118e-002	-1.131e-001	-4.893e-002	-1.166e-001
52	5.259e-002	-2.764e-003	5.977e-002	9.333e-002	-5.258e-002	-1.213e-001
53	6.277e-002	4.296e-003	-7.581e-002	9.858e-002	-2.450e-002	7.250e-002
54	6.489e-002	-3.080e-003	6.301e-002	-8.323e-002	-2.632e-002	7.467e-002
55	-9.529e-005	4.650e-003	4.819e-006	1.699e-001	-8.325e-005	1.512e-001
56	-9.301e-005	-3.369e-003	-2.328e-006	-1.393e-001	-4.624e-005	1.565e-001
57	-6.293e-002	4.291e-003	7.593e-002	9.889e-002	2.464e-002	7.230e-002
58	-6.504e-002	-3.075e-003	-6.313e-002	-8.352e-002	2.651e-002	7.444e-002
59	-5.112e-002	3.892e-003	7.136e-002	-1.132e-001	4.936e-002	-1.170e-001
60	-5.257e-002	-2.754e-003	-5.994e-002	9.345e-002	5.306e-002	-1.217e-001
61	2.469e-002	3.460e-003	-1.100e-003	-1.344e-001	7.408e-002	-1.597e-001
62	2.636e-002	-2.409e-003	6.988e-004	1.142e-001	7.961e-002	-1.669e-001
63	-5.145e-002	-2.420e-002	-6.992e-004	-1.512e-002	-3.613e-003	-7.336e-002
64	-3.007e-005	2.393e-002	-2.899e-006	1.325e-002	2.384e-004	4.863e-002
65	5.180e-002	-2.429e-002	7.096e-004	-1.519e-002	3.464e-003	-7.340e-002
66	-4.835e-002	2.742e-002	1.118e-003	2.277e-002	-3.843e-003	-6.622e-002
67	-4.013e-005	-3.008e-002	5.880e-006	-1.170e-002	2.416e-004	4.478e-002
68	4.870e-002	2.751e-002	-1.125e-003	2.284e-002	3.714e-003	-6.628e-002
69	3.509e-002	-1.369e-004	2.702e-002	3.970e-002	-3.828e-002	-5.686e-002
70	4.135e-002	-3.134e-004	2.758e-002	-3.773e-002	-7.652e-002	3.046e-002
71	-2.084e-002	-4.828e-004	-7.032e-004	-5.531e-002	1.140e-001	2.466e-002
72	-4.116e-002	-3.105e-004	-2.752e-002	-3.772e-002	7.596e-002	3.030e-002
73	-3.492e-002	-1.354e-004	-2.699e-002	3.959e-002	3.796e-002	-5.667e-002
74	4.737e-005	4.084e-005	-3.471e-006	5.377e-002	-3.323e-005	-6.481e-002
75	2.091e-002	-4.871e-004	7.142e-004	-5.548e-002	-1.148e-001	2.487e-002
76	-1.922e-002	-1.702e-003	1.133e-003	6.343e-002	1.098e-001	3.171e-002
77	-4.203e-002	-1.970e-003	3.254e-002	4.490e-002	7.320e-002	3.336e-002
78	-3.608e-002	-2.220e-003	3.214e-002	-4.651e-002	3.659e-002	-5.824e-002
79	4.443e-005	-2.450e-003	6.940e-006	-6.504e-002	-1.643e-005	-6.704e-002
80	3.625e-002	-2.218e-003	-3.216e-002	-4.661e-002	-3.688e-002	-5.843e-002
81	4.221e-002	-1.967e-003	-3.259e-002	4.491e-002	-7.374e-002	3.350e-002
82	1.929e-002	-1.697e-003	-1.140e-003	6.359e-002	-1.106e-001	3.190e-002
83	6.597e-004	4.805e-003	8.141e-003	-1.136e-002	1.208e-001	-5.321e-003
84	-1.644e-003	-6.910e-003	7.649e-003	8.473e-003	-1.179e-001	1.243e-004
85	1.582e-003	-6.905e-003	-7.599e-003	8.417e-003	1.171e-001	3.931e-005
86	2.961e-005	-5.045e-004	1.356e-005	1.301e-002	-1.321e-004	-2.508e-003
87	-7.261e-004	4.810e-003	-8.187e-003	-1.142e-002	-1.216e-001	-5.220e-003
88	3.008e-005	-6.383e-004	-1.082e-005	-1.646e-002	-1.419e-004	-5.878e-003
89	1.538e-002	4.433e-003	1.927e-002	4.686e-002	6.412e-002	-3.225e-002
90	3.586e-002	4.646e-003	5.183e-002	5.041e-002	4.271e-002	-2.834e-002
91	3.042e-002	4.817e-003	4.725e-002	-7.115e-002	2.130e-002	5.031e-002
92	9.690e-006	4.946e-003	-2.641e-005	-9.451e-002	-1.042e-004	5.432e-002
93	-3.048e-002	4.817e-003	-4.738e-002	-7.133e-002	-2.156e-002	5.055e-002
94	-3.601e-002	4.645e-003	-5.199e-002	5.046e-002	-4.302e-002	-2.825e-002
95	-1.554e-002	4.432e-003	-1.938e-002	4.692e-002	-6.449e-002	-3.225e-002
96	1.579e-002	-5.060e-003	-1.836e-002	-5.762e-002	6.121e-002	-3.125e-002

Vettori modali 34 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
97	3.771e-002	-5.230e-003	-5.492e-002	-5.484e-002	4.077e-002	-3.280e-002
98	3.321e-002	-5.353e-003	-5.005e-002	7.611e-002	2.034e-002	5.206e-002
99	1.012e-005	-5.428e-003	2.865e-005	9.864e-002	-1.028e-004	6.350e-002
100	-3.327e-002	-5.352e-003	5.019e-002	7.631e-002	-2.060e-002	5.231e-002
101	-3.786e-002	-5.229e-003	5.509e-002	-5.490e-002	-4.110e-002	-3.271e-002
102	-1.594e-002	-5.060e-003	1.848e-002	-5.770e-002	-6.159e-002	-3.126e-002
103	-1.861e-002	2.718e-003	-2.305e-002	3.304e-002	1.194e-002	-8.970e-003
104	-1.872e-002	-1.585e-003	2.181e-002	-4.898e-002	1.358e-002	-7.387e-003
105	4.768e-006	-7.420e-003	3.527e-005	7.480e-002	1.016e-005	4.536e-002
106	4.427e-006	8.251e-003	-3.272e-005	-6.906e-002	1.456e-005	3.131e-002
107	1.856e-002	-1.591e-003	-2.167e-002	-4.892e-002	-1.352e-002	-7.366e-003
108	1.845e-002	2.724e-003	2.292e-002	3.300e-002	-1.186e-002	-8.960e-003
109	-1.572e-002	1.574e-003	-1.563e-002	1.239e-002	6.716e-002	8.146e-004
110	8.681e-006	-4.666e-003	2.529e-005	4.464e-002	9.720e-005	3.713e-002
111	8.674e-006	7.185e-003	-2.165e-005	-3.254e-002	1.037e-004	2.602e-002
112	-1.575e-002	1.141e-003	1.426e-002	-3.322e-002	6.717e-002	1.849e-003
113	1.560e-002	1.135e-003	-1.417e-002	-3.318e-002	-6.677e-002	1.878e-003
114	1.557e-002	1.579e-003	1.554e-002	1.238e-002	-6.675e-002	8.363e-004
115	1.372e-002	1.697e-003	6.662e-004	-1.277e-002	-8.444e-002	-4.360e-003
116	2.275e-002	1.690e-003	-5.233e-003	-8.288e-003	-5.625e-002	-1.570e-002
117	1.953e-002	1.668e-003	-5.378e-003	7.613e-003	-2.805e-002	3.034e-002
118	1.155e-005	1.632e-003	2.220e-006	1.102e-002	1.398e-004	3.846e-002
119	-1.958e-002	1.669e-003	5.389e-003	7.630e-003	2.841e-002	3.058e-002
120	-2.290e-002	1.690e-003	5.247e-003	-8.295e-003	5.668e-002	-1.561e-002
121	-1.386e-002	1.697e-003	-6.596e-004	-1.279e-002	8.495e-002	-4.397e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	4.576e-005	-1.771e-005	3.101e-003	3.644e-002	1.470e-002	4.949e-007
124	7.455e-005	1.720e-005	-2.399e-003	-2.442e-002	1.091e-002	4.359e-007
125	2.330e-004	-4.781e-005	-5.572e-006	-7.879e-003	-5.890e-004	1.968e-008
126	2.289e-004	1.116e-004	-5.223e-006	-4.063e-002	-5.314e-004	9.170e-008
127	2.298e-004	-9.001e-005	5.547e-006	2.714e-002	5.521e-004	8.606e-008
128	9.211e-009	8.118e-010	3.293e-010	4.098e-002	-3.085e-003	-1.586e-007
129	5.094e-009	3.021e-010	-4.769e-012	-5.228e-006	3.138e-003	1.158e-008
130	1.232e-005	4.590e-005	4.498e-005	7.762e-003	-3.544e-003	6.805e-009
131	6.510e-009	-1.612e-009	-2.404e-010	-3.546e-002	3.840e-003	-5.457e-008
132	-1.269e-004	3.382e-005	1.551e-002	2.262e-002	9.683e-002	7.175e-008
133	3.083e-005	-2.621e-005	-1.191e-002	-2.083e-002	3.039e-002	8.182e-008
134	2.727e-006	6.552e-005	1.566e-002	-2.202e-002	5.817e-002	8.671e-008
135	-7.983e-006	-5.173e-005	-1.195e-002	2.067e-002	6.392e-002	2.158e-009
136	2.331e-004	1.139e-006	-9.291e-006	-1.206e-005	5.477e-004	4.391e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.330e-004	-4.781e-005	-5.572e-006	-1.006e-002	9.605e-004	1.346e-007
139	2.289e-004	1.116e-004	-5.223e-006	-4.002e-002	9.806e-004	1.805e-007
140	2.298e-004	-9.001e-005	5.547e-006	2.587e-002	-1.023e-003	2.662e-007
141	-1.024e-005	-2.910e-004	-3.109e-003	3.599e-002	-1.351e-002	6.500e-007
142	-4.114e-005	2.775e-004	2.408e-003	-2.331e-002	-9.399e-003	5.354e-007
143	2.331e-004	1.137e-006	-9.291e-006	-1.424e-005	-9.755e-004	3.671e-008
144	3.801e-004	-4.108e-005	-1.569e-002	-2.267e-002	-5.834e-002	2.005e-008
145	4.002e-004	5.140e-005	1.198e-002	2.198e-002	-6.500e-002	-1.032e-007
146	3.552e-004	-1.675e-004	-1.554e-002	2.321e-002	-9.934e-002	1.816e-007
147	1.776e-004	1.676e-004	1.195e-002	-2.209e-002	-2.656e-002	8.191e-008
148	-7.859e-009	-2.856e-004	-5.703e-010	4.153e-002	2.577e-003	-6.632e-008
149	-1.292e-009	6.193e-006	-1.441e-011	1.321e-005	-2.615e-003	-1.102e-007
150	-8.987e-006	1.276e-004	-4.561e-005	9.832e-003	3.031e-003	-1.197e-008
151	-5.751e-009	2.720e-004	3.955e-010	-3.669e-002	-3.320e-003	5.537e-011

Vettori modali 35 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-5.972e-005	1.916e-005	7.096e-004	-1.170e-003	1.733e-003	-2.062e-008
2	-3.023e-005	-6.260e-005	1.730e-003	-7.812e-003	2.259e-002	9.495e-008
3	-6.529e-005	-3.765e-005	3.065e-004	-3.564e-004	1.330e-003	-5.253e-008
4	2.580e-005	-7.988e-005	-1.427e-003	-5.293e-003	-4.258e-003	-1.257e-007
5	-9.071e-005	-1.860e-005	3.451e-003	4.319e-002	-4.485e-002	1.278e-003
6	6.863e-005	-2.135e-005	3.581e-003	4.484e-002	3.967e-002	-8.984e-004
7	-1.932e-005	-3.010e-005	1.335e-003	-4.865e-003	3.368e-003	-4.961e-008
8	3.154e-005	2.016e-005	-3.702e-004	-1.436e-003	-5.136e-004	-1.156e-007
9	2.096e-005	-4.350e-006	-1.746e-003	-7.574e-003	-2.235e-002	1.003e-007
10	1.648e-005	6.653e-005	-7.419e-004	8.929e-005	-1.643e-003	-9.980e-008
11	-2.328e-005	4.656e-005	1.094e-005	-1.592e-002	1.652e-005	1.793e-004
12	-2.291e-005	1.861e-004	2.653e-007	-4.741e-002	-2.975e-005	-5.169e-004
13	-2.217e-005	2.235e-004	-6.226e-007	-4.899e-002	2.876e-005	8.062e-004
14	9.797e-005	-1.830e-004	-3.455e-003	4.324e-002	4.488e-002	1.327e-003
15	-8.143e-005	-2.391e-004	-3.587e-003	4.492e-002	-3.952e-002	-1.017e-003
16	0.000e+000	0.000e+000	0.000e+000	4.312e-002	-2.860e-004	9.566e-004
17	0.000e+000	0.000e+000	0.000e+000	-5.500e-004	2.531e-005	-6.935e-005
18	3.157e-006	2.240e-005	7.784e-006	1.454e-002	-7.037e-005	2.187e-004
19	0.000e+000	0.000e+000	0.000e+000	4.471e-002	2.215e-004	-7.415e-004
20	-3.512e-004	4.193e-005	1.744e-002	2.033e-002	-3.160e-002	-7.672e-006
21	-1.431e-005	1.964e-005	-2.533e-004	-3.308e-004	2.881e-003	8.606e-005
22	2.038e-004	5.290e-005	1.798e-002	2.069e-002	2.794e-002	-1.590e-004
23	-1.697e-004	9.614e-005	1.780e-002	-1.939e-002	-1.581e-002	-3.612e-004
24	-4.445e-005	2.883e-005	-2.526e-004	3.323e-004	4.446e-003	-8.192e-006
25	2.771e-004	1.165e-004	1.826e-002	-1.990e-002	1.399e-002	1.771e-004
26	-2.302e-005	1.768e-005	1.310e-005	6.066e-004	1.062e-006	-1.004e-006
27	1.328e-004	4.888e-005	-1.780e-002	-1.942e-002	1.578e-002	-3.953e-004
28	8.044e-006	1.586e-005	2.761e-004	3.156e-004	-4.561e-003	-3.188e-005
29	-3.185e-004	4.789e-005	-1.827e-002	-1.993e-002	-1.390e-002	1.535e-004
30	3.408e-004	-6.113e-005	-1.746e-002	2.033e-002	3.160e-002	-8.398e-005
31	-9.811e-006	7.136e-006	2.642e-004	-3.591e-004	-2.242e-003	4.925e-005
32	-2.307e-004	-9.095e-005	-1.800e-002	2.070e-002	-2.783e-002	-1.687e-004
33	0.000e+000	-1.782e-004	0.000e+000	4.317e-002	2.865e-004	1.102e-003
34	0.000e+000	1.502e-005	0.000e+000	-5.685e-004	-2.611e-005	-1.168e-004
35	9.707e-007	-2.110e-005	-7.534e-006	1.455e-002	6.953e-005	-1.854e-004
36	0.000e+000	-2.348e-004	0.000e+000	4.479e-002	-2.197e-004	-9.562e-004
37	-1.834e-002	-4.559e-002	2.687e-003	8.977e-002	-1.660e-002	2.315e-002
38	1.626e-002	-5.054e-002	2.727e-003	1.015e-001	1.500e-002	-1.482e-002
39	-3.926e-005	6.986e-002	7.673e-007	-1.508e-001	-1.027e-005	-1.840e-002
40	-8.743e-006	7.634e-002	4.677e-007	-1.666e-001	2.832e-005	1.071e-002
41	1.836e-002	-4.590e-002	-2.691e-003	9.003e-002	1.661e-002	2.321e-002
42	-1.621e-002	-5.096e-002	-2.734e-003	1.019e-001	-1.493e-002	-1.490e-002
43	-1.166e-002	-5.615e-002	1.897e-003	-5.999e-002	4.074e-002	4.502e-002
44	1.072e-002	-6.324e-002	1.847e-003	-6.550e-002	-3.468e-002	-2.874e-002
45	-2.359e-005	9.451e-002	1.262e-006	7.566e-002	6.669e-005	-3.628e-002
46	4.477e-006	1.041e-001	1.554e-006	8.220e-002	2.042e-005	2.062e-002
47	1.166e-002	-5.643e-002	-1.901e-003	-6.040e-002	-4.078e-002	4.509e-002
48	-1.068e-002	-6.361e-002	-1.854e-003	-6.605e-002	3.459e-002	-2.879e-002
49	1.489e-002	5.434e-003	1.048e-003	-1.388e-001	4.756e-002	6.796e-002
50	-1.138e-002	5.689e-003	9.053e-004	-1.576e-001	-3.753e-002	-4.333e-002
51	-1.562e-002	5.972e-003	-7.925e-002	-1.314e-001	3.171e-002	4.691e-002
52	7.227e-003	6.269e-003	-8.957e-002	-1.472e-001	-2.502e-002	-2.846e-002
53	-2.185e-002	6.456e-003	-8.669e-002	1.084e-001	1.587e-002	-2.274e-002
54	1.171e-002	6.791e-003	-9.746e-002	1.229e-001	-1.251e-002	1.080e-002

Vettori modali 35 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
55	9.828e-006	6.881e-003	1.767e-006	2.000e-001	3.201e-005	-5.504e-002
56	8.224e-006	7.253e-003	2.676e-006	2.235e-001	-7.065e-006	3.101e-002
57	2.188e-002	6.452e-003	8.676e-002	1.086e-001	-1.584e-002	-2.275e-002
58	-1.171e-002	6.787e-003	9.756e-002	1.231e-001	1.247e-002	1.085e-002
59	1.564e-002	5.966e-003	7.936e-002	-1.315e-001	-3.171e-002	4.696e-002
60	-7.247e-003	6.260e-003	8.972e-002	-1.473e-001	2.495e-002	-2.843e-002
61	-1.491e-002	5.425e-003	-1.052e-003	-1.392e-001	-4.759e-002	6.803e-002
62	1.136e-002	5.677e-003	-9.119e-004	-1.581e-001	3.742e-002	-4.335e-002
63	-2.055e-002	2.814e-002	9.436e-004	4.343e-002	2.987e-003	-4.747e-002
64	3.485e-006	-4.242e-002	2.012e-006	-2.738e-003	-1.143e-005	3.135e-002
65	2.051e-002	2.822e-002	-9.509e-004	4.348e-002	-2.969e-003	-4.751e-002
66	2.749e-002	2.398e-002	1.069e-003	4.162e-002	-2.360e-003	5.442e-002
67	7.383e-006	-3.793e-002	9.783e-007	-9.136e-004	-3.159e-005	-3.483e-002
68	-2.751e-002	2.404e-002	-1.075e-003	4.167e-002	2.372e-003	5.447e-002
69	-1.380e-002	-1.073e-002	-3.723e-002	-5.099e-002	-7.991e-003	1.617e-002
70	-1.044e-002	-1.017e-002	-3.624e-002	5.367e-002	-1.599e-002	-3.023e-002
71	-1.093e-002	-9.528e-003	9.750e-004	6.595e-002	2.407e-002	-5.182e-002
72	1.040e-002	-1.017e-002	3.619e-002	5.365e-002	1.605e-002	-3.022e-002
73	1.378e-002	-1.073e-002	3.721e-002	-5.091e-002	8.027e-003	1.611e-002
74	4.884e-007	-1.119e-002	1.294e-006	-7.939e-002	4.108e-006	3.171e-002
75	1.092e-002	-9.522e-003	-9.828e-004	6.607e-002	-2.398e-002	-5.189e-002
76	1.335e-002	-9.585e-003	1.082e-003	5.489e-002	-4.161e-002	4.018e-002
77	-8.870e-004	-1.021e-002	3.072e-002	4.541e-002	-2.775e-002	1.941e-002
78	-4.783e-003	-1.074e-002	3.160e-002	-4.310e-002	-1.388e-002	-2.850e-003
79	-7.226e-006	-1.117e-002	1.397e-007	-6.770e-002	-9.600e-006	-1.358e-002
80	4.774e-003	-1.074e-002	-3.162e-002	-4.316e-002	1.388e-002	-2.872e-003
81	8.886e-004	-1.021e-002	-3.075e-002	4.543e-002	2.777e-002	1.939e-002
82	-1.336e-002	-9.580e-003	-1.088e-003	5.498e-002	4.167e-002	4.022e-002
83	-7.065e-003	-1.148e-002	2.409e-003	-4.745e-003	1.918e-002	-3.242e-002
84	-6.118e-003	-1.071e-002	-3.960e-003	-8.941e-003	3.829e-002	2.792e-002
85	6.126e-003	-1.071e-002	3.950e-003	-8.981e-003	-3.823e-002	2.787e-002
86	-7.032e-006	-4.525e-003	-1.501e-007	-1.350e-002	1.143e-005	1.072e-002
87	7.070e-003	-1.148e-002	-2.411e-003	-4.692e-003	-1.910e-002	-3.249e-002
88	1.336e-006	-4.306e-003	1.498e-006	-1.424e-002	3.019e-006	-4.885e-003
89	-4.397e-003	-4.338e-003	4.259e-003	-6.164e-002	1.595e-002	2.266e-003
90	-1.529e-002	-4.026e-003	-2.200e-002	-3.423e-002	1.063e-002	2.650e-002
91	-1.868e-002	-3.677e-003	-2.181e-002	3.331e-002	5.311e-003	-1.773e-002
92	1.258e-006	-3.295e-003	1.256e-006	4.046e-002	-5.837e-006	-5.249e-002
93	1.868e-002	-3.677e-003	2.181e-002	3.330e-002	-5.306e-003	-1.773e-002
94	1.529e-002	-4.027e-003	2.200e-002	-3.422e-002	-1.061e-002	2.649e-002
95	4.411e-003	-4.340e-003	-4.254e-003	-6.162e-002	-1.591e-002	2.228e-003
96	1.135e-003	-3.781e-003	7.549e-003	-5.634e-002	-2.598e-002	-4.074e-004
97	1.015e-002	-3.437e-003	-1.460e-002	-2.791e-002	-1.731e-002	-2.409e-002
98	1.474e-002	-3.062e-003	-1.531e-002	2.309e-002	-8.647e-003	1.053e-002
99	-4.592e-006	-2.660e-003	-2.233e-006	2.805e-002	1.930e-005	4.635e-002
100	-1.474e-002	-3.063e-003	1.529e-002	2.306e-002	8.682e-003	1.048e-002
101	-1.013e-002	-3.439e-003	1.457e-002	-2.790e-002	1.735e-002	-2.410e-002
102	-1.120e-003	-3.783e-003	-7.563e-003	-5.631e-002	2.601e-002	-3.714e-004
103	2.565e-003	4.296e-003	-6.355e-003	-9.309e-002	-1.211e-002	2.153e-003
104	1.186e-003	4.422e-003	-1.021e-002	-8.873e-002	9.776e-003	-1.958e-003
105	-2.564e-006	3.134e-003	-5.053e-006	4.434e-002	1.683e-005	7.588e-002
106	-5.976e-008	1.962e-003	-6.925e-007	5.397e-002	-1.810e-005	-8.007e-002
107	-1.171e-003	4.423e-003	1.019e-002	-8.876e-002	-9.781e-003	-1.983e-003
108	-2.549e-003	4.296e-003	6.363e-003	-9.312e-002	1.211e-002	2.177e-003
109	1.774e-003	1.184e-002	-7.753e-003	-1.266e-001	-5.187e-003	2.914e-003

Vettori modali 35 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
110	-1.684e-006	1.101e-002	-7.427e-006	8.834e-002	8.556e-006	6.027e-002
111	-1.445e-006	1.002e-002	-4.372e-006	9.367e-002	-2.134e-005	-6.477e-002
112	1.473e-003	1.172e-002	-1.031e-002	-1.241e-001	-6.313e-003	-2.792e-003
113	-1.459e-003	1.172e-002	1.030e-002	-1.241e-001	6.282e-003	-2.806e-003
114	-1.760e-003	1.184e-002	7.756e-003	-1.266e-001	5.147e-003	2.924e-003
115	-1.451e-003	1.502e-002	8.651e-003	-1.619e-001	7.220e-003	8.903e-004
116	-2.460e-003	1.484e-002	-6.946e-002	-1.139e-001	4.810e-003	1.512e-003
117	-2.012e-003	1.452e-002	-7.297e-002	1.001e-001	2.400e-003	-3.387e-003
118	-1.749e-006	1.407e-002	-7.539e-006	1.535e-001	-9.297e-006	-3.548e-003
119	2.016e-003	1.452e-002	7.294e-002	1.001e-001	-2.428e-003	-3.410e-003
120	2.473e-003	1.484e-002	6.943e-002	-1.138e-001	-4.847e-003	1.503e-003
121	1.465e-003	1.502e-002	-8.656e-003	-1.619e-001	-7.266e-003	8.929e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-9.071e-005	-1.859e-005	3.451e-003	4.164e-002	1.535e-002	2.235e-007
124	6.863e-005	-2.135e-005	3.581e-003	3.846e-002	-3.362e-002	-3.786e-007
125	-2.329e-005	4.656e-005	1.094e-005	2.620e-003	4.026e-004	-2.536e-007
126	-2.291e-005	1.861e-004	2.655e-007	-4.761e-002	3.500e-004	1.146e-007
127	-2.217e-005	2.235e-004	-6.225e-007	-4.406e-002	-3.817e-004	-1.951e-007
128	6.076e-010	1.775e-009	3.017e-010	4.459e-002	-1.136e-002	-1.597e-008
129	-3.758e-009	4.397e-009	4.384e-010	-6.661e-004	1.133e-002	-4.537e-008
130	3.159e-006	2.240e-005	7.783e-006	-3.175e-003	-1.128e-002	-6.651e-008
131	-4.652e-009	1.816e-009	2.718e-010	5.093e-002	1.122e-002	6.511e-008
132	-3.512e-004	4.193e-005	1.744e-002	2.496e-002	1.360e-001	1.195e-007
133	2.038e-004	5.290e-005	1.798e-002	3.007e-002	-6.930e-002	-6.668e-008
134	-1.697e-004	9.614e-005	1.780e-002	-2.355e-002	4.713e-002	5.702e-008
135	2.771e-004	1.165e-004	1.826e-002	-2.894e-002	-1.086e-001	3.197e-008
136	-2.302e-005	1.768e-005	1.310e-005	7.190e-004	-3.765e-004	-4.888e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-2.328e-005	4.656e-005	1.094e-005	3.681e-003	-6.057e-004	-3.483e-007
139	-2.292e-005	1.861e-004	2.652e-007	-4.786e-002	-6.602e-004	1.651e-007
140	-2.216e-005	2.235e-004	-6.228e-007	-4.326e-002	6.853e-004	-3.732e-007
141	9.797e-005	-1.829e-004	-3.455e-003	4.197e-002	-1.404e-002	4.985e-007
142	-8.143e-005	-2.391e-004	-3.587e-003	3.776e-002	3.270e-002	-6.146e-007
143	-2.303e-005	1.767e-005	1.310e-005	7.278e-004	6.137e-004	-4.858e-008
144	1.328e-004	4.887e-005	-1.780e-002	-2.332e-002	-4.710e-002	-5.865e-008
145	-3.185e-004	4.788e-005	-1.827e-002	-2.978e-002	1.090e-001	1.573e-007
146	3.408e-004	-6.112e-005	-1.746e-002	2.469e-002	-1.362e-001	2.719e-007
147	-2.307e-004	-9.095e-005	-1.800e-002	3.085e-002	6.725e-002	-5.320e-008
148	-3.365e-009	-1.782e-004	-5.358e-010	4.427e-002	1.154e-002	-1.175e-008
149	1.781e-009	1.502e-005	-3.875e-010	-6.721e-004	-1.152e-002	-1.207e-007
150	9.712e-007	-2.111e-005	-7.534e-006	-3.897e-003	1.148e-002	-3.182e-008
151	6.608e-009	-2.348e-004	-4.969e-010	5.165e-002	-1.140e-002	3.429e-008

Vettori modali 36 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	3.764e-004	2.957e-006	-2.811e-004	-5.972e-005	-8.085e-003	5.471e-008
2	2.474e-004	-9.420e-005	7.874e-004	-5.341e-003	2.245e-003	9.875e-008
3	1.714e-004	7.742e-005	1.044e-005	2.055e-003	-3.935e-003	8.499e-009
4	1.298e-004	-1.073e-004	-7.243e-004	-4.670e-003	-5.244e-003	-1.099e-007
5	-5.854e-005	-1.332e-005	2.423e-003	3.054e-002	1.240e-003	9.151e-004
6	-5.426e-005	1.358e-005	-2.257e-003	-2.851e-002	-3.309e-003	8.294e-004
7	-2.794e-005	-2.805e-005	6.516e-004	-5.376e-003	4.556e-003	-3.090e-008
8	-3.149e-005	-2.435e-006	4.181e-005	4.327e-003	2.248e-003	1.817e-008
9	-1.018e-005	-2.499e-006	-7.378e-004	-4.222e-003	-5.301e-004	3.427e-008
10	7.467e-006	-5.730e-005	3.223e-004	-2.495e-003	8.355e-003	-3.448e-008
11	2.381e-004	-2.895e-005	-2.541e-006	1.094e-002	-2.053e-005	7.867e-006

Vettori modali 36 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
12	2.345e-004	1.447e-004	-1.595e-006	-3.519e-002	4.752e-005	-9.247e-004
13	2.353e-004	-1.702e-004	1.045e-006	3.298e-002	1.486e-005	-1.101e-003
14	9.310e-005	-2.625e-004	-2.434e-003	3.069e-002	-2.322e-003	1.359e-003
15	8.806e-005	2.734e-004	2.269e-003	-2.867e-002	2.158e-003	1.249e-003
16	0.000e+000	0.000e+000	0.000e+000	3.015e-002	7.052e-006	5.810e-004
17	0.000e+000	0.000e+000	0.000e+000	7.717e-005	1.018e-006	-1.278e-004
18	3.514e-006	-3.208e-005	-1.273e-006	-9.300e-003	7.284e-006	-1.506e-004
19	0.000e+000	0.000e+000	0.000e+000	-2.805e-002	-2.118e-005	5.405e-004
20	-2.022e-004	4.386e-005	1.259e-002	1.530e-002	8.872e-004	-1.027e-004
21	3.183e-006	-5.855e-006	3.040e-005	2.999e-005	-6.153e-003	-9.498e-006
22	-1.254e-004	-4.980e-005	-1.169e-002	-1.410e-002	-2.326e-003	-7.495e-005
23	-3.887e-005	9.118e-005	1.309e-002	-1.392e-002	4.674e-004	-3.981e-004
24	7.973e-005	-4.210e-006	2.839e-005	-4.097e-005	-9.383e-003	-3.126e-004
25	-9.324e-005	-1.054e-004	-1.213e-002	1.282e-002	-1.155e-003	-2.470e-004
26	2.381e-004	-1.164e-005	-7.248e-006	-8.570e-005	-1.787e-005	-1.495e-004
27	4.291e-004	-8.872e-006	-1.312e-002	-1.398e-002	-7.869e-004	-1.445e-004
28	3.336e-004	-1.632e-006	-4.075e-005	-3.309e-005	9.488e-003	-7.017e-005
29	4.932e-004	-1.738e-006	1.216e-002	1.289e-002	7.695e-004	3.438e-005
30	4.320e-004	-1.426e-004	-1.264e-002	1.531e-002	-1.621e-003	3.175e-004
31	2.334e-004	-4.391e-006	-3.684e-005	4.508e-005	5.437e-003	4.584e-004
32	3.376e-004	1.443e-004	1.174e-002	-1.411e-002	1.524e-003	3.501e-004
33	0.000e+000	-2.592e-004	0.000e+000	3.029e-002	-1.563e-005	1.003e-003
34	0.000e+000	4.856e-006	0.000e+000	8.894e-005	2.974e-006	2.382e-004
35	-1.467e-008	4.837e-005	4.005e-007	-9.344e-003	-4.315e-006	1.845e-004
36	0.000e+000	2.711e-004	0.000e+000	-2.821e-002	1.222e-005	9.676e-004
37	7.567e-004	-3.493e-002	1.205e-003	6.932e-002	2.354e-003	3.262e-002
38	-1.076e-003	3.550e-002	-9.827e-004	-7.213e-002	7.516e-004	3.435e-002
39	3.441e-004	5.273e-002	1.646e-006	-1.124e-001	1.123e-004	-3.549e-002
40	3.212e-004	-5.335e-002	-1.918e-006	1.153e-001	7.233e-005	-3.705e-002
41	-1.168e-003	-3.553e-002	-1.218e-003	6.999e-002	-2.786e-003	3.281e-002
42	6.370e-004	3.613e-002	9.967e-004	-7.283e-002	-1.207e-003	3.453e-002
43	2.879e-003	-4.277e-002	-2.458e-005	-4.709e-002	7.255e-003	6.432e-002
44	1.766e-003	4.427e-002	3.016e-004	4.715e-002	1.140e-002	6.787e-002
45	2.205e-004	6.962e-002	4.868e-006	6.100e-002	-5.814e-004	-7.006e-002
46	1.951e-004	-7.118e-002	-4.860e-006	-6.122e-002	-5.494e-004	-7.301e-002
47	-3.164e-003	-4.336e-002	1.168e-005	-4.788e-002	-6.397e-003	6.426e-002
48	-2.070e-003	4.488e-002	-2.863e-004	4.798e-002	-1.049e-002	6.782e-002
49	1.086e-002	3.288e-003	-1.314e-003	-9.737e-002	2.775e-002	9.757e-002
50	1.231e-002	-3.193e-003	1.645e-003	1.023e-001	3.197e-002	1.030e-001
51	-4.065e-002	3.872e-003	-5.969e-002	-9.510e-002	1.837e-002	8.237e-002
52	-4.169e-002	-3.778e-003	6.277e-002	9.921e-002	2.119e-002	8.635e-002
53	-4.733e-002	4.418e-003	-6.339e-002	8.436e-002	8.981e-003	-5.826e-002
54	-4.900e-002	-4.327e-003	6.638e-002	-8.882e-002	1.042e-002	-5.981e-002
55	-1.024e-004	4.921e-003	8.193e-006	1.360e-001	-4.033e-004	-1.063e-001
56	-1.021e-004	-4.833e-003	-7.892e-006	-1.418e-001	-3.592e-004	-1.107e-001
57	4.717e-002	4.411e-003	6.357e-002	8.479e-002	-9.261e-003	-5.852e-002
58	4.886e-002	-4.320e-003	-6.657e-002	-8.928e-002	-1.062e-002	-6.011e-002
59	4.068e-002	3.858e-003	5.995e-002	-9.531e-002	-1.812e-002	8.189e-002
60	4.175e-002	-3.764e-003	-6.303e-002	9.942e-002	-2.089e-002	8.588e-002
61	-1.062e-002	3.268e-003	1.301e-003	-9.821e-002	-2.698e-002	9.724e-002
62	-1.206e-002	-3.171e-003	-1.629e-003	1.032e-001	-3.115e-002	1.027e-001
63	2.513e-002	-1.339e-002	2.176e-003	-3.471e-002	2.236e-003	-2.684e-002
64	-1.490e-004	1.399e-002	-7.414e-006	2.941e-002	1.547e-004	4.175e-002
65	-2.474e-002	-1.353e-002	-2.158e-003	-3.480e-002	-2.529e-003	-2.695e-002
66	2.276e-002	1.216e-002	-1.832e-003	3.509e-002	3.155e-003	-3.104e-002

Vettori modali 36 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
67	-1.595e-004	-1.295e-002	8.091e-006	-2.821e-002	1.554e-004	4.546e-002
68	-2.239e-002	1.230e-002	1.817e-003	3.518e-002	-3.414e-003	-3.118e-002
69	-9.827e-002	2.910e-003	-1.522e-002	-1.886e-002	3.119e-002	1.365e-001
70	-9.518e-002	2.184e-003	-1.408e-002	2.135e-002	6.212e-002	-1.450e-001
71	2.585e-003	1.448e-003	2.713e-003	1.308e-002	-9.386e-002	-1.634e-001
72	9.525e-002	2.192e-003	1.417e-002	2.137e-002	-6.249e-002	-1.450e-001
73	9.828e-002	2.914e-003	1.526e-002	-1.902e-002	-3.111e-002	1.367e-001
74	-1.173e-005	3.608e-003	-6.836e-006	-3.515e-002	2.638e-004	2.020e-001
75	-2.538e-003	1.436e-003	-2.692e-003	1.286e-002	9.305e-002	-1.633e-001
76	1.714e-003	-1.791e-003	-2.357e-003	-1.631e-002	-9.022e-002	-1.662e-001
77	9.582e-002	-2.524e-003	-1.538e-002	-2.371e-002	-6.005e-002	-1.475e-001
78	9.932e-002	-3.233e-003	-1.661e-002	2.081e-002	-2.988e-002	1.375e-001
79	-1.481e-005	-3.910e-003	7.899e-006	3.800e-002	2.842e-004	2.050e-001
80	-9.931e-002	-3.229e-003	1.658e-002	2.067e-002	3.000e-002	1.373e-001
81	-9.576e-002	-2.517e-003	1.531e-002	-2.370e-002	5.972e-002	-1.475e-001
82	-1.661e-003	-1.780e-003	2.340e-003	-1.610e-002	8.943e-002	-1.662e-001
83	-1.599e-002	5.646e-003	-4.651e-003	3.588e-002	-1.059e-001	-8.423e-002
84	1.622e-002	-5.808e-003	-4.879e-003	-3.831e-002	1.025e-001	-8.551e-002
85	-1.630e-002	-5.800e-003	4.917e-003	-3.842e-002	-1.032e-001	-8.564e-002
86	3.115e-005	-3.003e-003	-1.098e-005	6.204e-002	2.238e-004	8.656e-002
87	1.591e-002	5.654e-003	4.618e-003	3.576e-002	1.052e-001	-8.409e-002
88	3.109e-005	2.813e-003	1.055e-005	-6.139e-002	2.106e-004	8.395e-002
89	-2.924e-002	6.520e-003	-1.436e-002	3.180e-002	-5.993e-002	-2.775e-002
90	-2.095e-002	6.073e-003	-4.155e-004	2.454e-002	-3.993e-002	-1.926e-002
91	-7.854e-003	5.567e-003	6.271e-003	7.963e-004	-1.992e-002	-3.075e-002
92	5.425e-005	5.007e-003	2.784e-005	-2.491e-002	8.520e-005	9.148e-003
93	7.906e-003	5.569e-003	-6.242e-003	6.858e-004	1.993e-002	-3.053e-002
94	2.088e-002	6.077e-003	3.799e-004	2.440e-002	3.978e-002	-1.901e-002
95	2.908e-002	6.526e-003	1.427e-002	3.171e-002	5.963e-002	-2.762e-002
96	-2.925e-002	-6.455e-003	1.441e-002	-3.341e-002	-5.882e-002	-2.798e-002
97	-2.058e-002	-6.023e-003	-6.199e-005	-2.496e-002	-3.919e-002	-2.015e-002
98	-7.334e-003	-5.532e-003	-6.608e-003	3.175e-005	-1.955e-002	-3.032e-002
99	5.545e-005	-4.988e-003	-2.899e-005	2.504e-002	8.572e-005	1.065e-002
100	7.391e-003	-5.534e-003	6.582e-003	1.578e-004	1.955e-002	-3.010e-002
101	2.051e-002	-6.027e-003	1.057e-004	-2.482e-002	3.902e-002	-1.989e-002
102	2.909e-002	-6.460e-003	-1.431e-002	-3.332e-002	5.849e-002	-2.786e-002
103	3.250e-002	6.151e-003	1.825e-002	2.024e-002	-4.159e-003	-6.757e-003
104	3.246e-002	-5.891e-003	-1.824e-002	-2.038e-002	-3.924e-003	-5.559e-003
105	5.879e-005	-3.220e-003	-3.269e-005	1.535e-003	-2.954e-005	2.646e-002
106	5.803e-005	3.459e-003	3.228e-005	-3.574e-003	-2.082e-005	2.636e-002
107	-3.263e-002	-5.888e-003	1.836e-002	-2.045e-002	3.961e-003	-5.604e-003
108	-3.268e-002	6.148e-003	-1.836e-002	2.033e-002	4.233e-003	-6.811e-003
109	3.042e-002	4.509e-003	1.260e-002	1.039e-002	-5.533e-002	1.296e-002
110	5.384e-005	1.043e-003	-2.000e-005	-7.250e-003	-1.046e-004	1.387e-002
111	5.376e-005	-6.038e-004	2.146e-005	2.514e-003	-9.407e-005	1.434e-002
112	3.041e-002	-4.083e-003	-1.269e-002	-8.216e-003	-5.458e-002	1.426e-002
113	-3.057e-002	-4.081e-003	1.278e-002	-8.247e-003	5.490e-002	1.425e-002
114	-3.058e-002	4.507e-003	-1.266e-002	1.044e-002	5.568e-002	1.294e-002
115	-2.905e-002	2.386e-004	1.058e-004	2.546e-003	7.317e-002	3.073e-002
116	-4.698e-002	2.509e-004	1.708e-003	2.659e-003	4.874e-002	1.421e-002
117	-3.170e-002	2.607e-004	1.808e-003	-2.394e-003	2.432e-002	-7.076e-002
118	5.116e-005	2.679e-004	1.335e-006	-3.901e-003	-1.093e-004	-2.924e-002
119	3.173e-002	2.607e-004	-1.795e-003	-2.368e-003	-2.432e-002	-7.049e-002
120	4.688e-002	2.510e-004	-1.690e-003	2.654e-003	-4.853e-002	1.443e-002
121	2.890e-002	2.388e-004	-9.552e-005	2.528e-003	-7.274e-002	3.075e-002

Vettori modali 36 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-5.854e-005	-1.331e-005	2.423e-003	2.942e-002	9.417e-003	9.880e-008
124	-5.426e-005	1.357e-005	-2.257e-003	-2.507e-002	1.729e-002	1.043e-007
125	2.381e-004	-2.896e-005	-2.541e-006	2.152e-004	-9.926e-004	-2.185e-008
126	2.345e-004	1.447e-004	-1.595e-006	-3.534e-002	-9.094e-004	9.976e-008
127	2.353e-004	-1.702e-004	1.045e-006	3.045e-002	9.872e-004	1.222e-007
128	-4.342e-010	5.731e-010	1.723e-010	3.110e-002	-4.594e-003	5.472e-009
129	-4.646e-009	3.309e-010	1.371e-010	1.063e-004	4.578e-003	-4.874e-008
130	3.516e-006	-3.208e-005	-1.274e-006	-4.352e-003	-4.547e-003	-1.457e-008
131	1.941e-010	-4.374e-010	-1.051e-010	-3.128e-002	4.557e-003	1.357e-008
132	-2.022e-004	4.386e-005	1.259e-002	1.900e-002	7.966e-002	8.083e-008
133	-1.254e-004	-4.980e-005	-1.169e-002	-1.983e-002	4.395e-002	3.693e-008
134	-3.887e-005	9.118e-005	1.309e-002	-1.701e-002	4.671e-002	-1.179e-008
135	-9.324e-005	-1.054e-004	-1.213e-002	1.807e-002	6.308e-002	-3.186e-008
136	2.381e-004	-1.164e-005	-7.248e-006	-1.104e-004	9.258e-004	1.201e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.381e-004	-2.895e-005	-2.541e-006	-1.954e-003	1.391e-003	9.198e-008
139	2.345e-004	1.447e-004	-1.595e-006	-3.464e-002	1.411e-003	1.801e-007
140	2.353e-004	-1.702e-004	1.045e-006	2.911e-002	-1.421e-003	3.168e-007
141	9.310e-005	-2.625e-004	-2.434e-003	2.891e-002	-8.508e-003	1.712e-007
142	8.806e-005	2.734e-004	2.269e-003	-2.393e-002	-1.591e-002	1.778e-007
143	2.381e-004	-1.164e-005	-7.248e-006	-1.120e-004	-1.398e-003	1.228e-007
144	4.291e-004	-8.875e-006	-1.312e-002	-1.778e-002	-4.685e-002	-8.755e-008
145	4.932e-004	-1.735e-006	1.216e-002	1.949e-002	-6.426e-002	-1.524e-007
146	4.320e-004	-1.426e-004	-1.264e-002	1.968e-002	-8.190e-002	1.829e-007
147	3.376e-004	1.443e-004	1.174e-002	-2.116e-002	-4.023e-002	3.587e-008
148	2.181e-009	-2.592e-004	-3.791e-010	3.180e-002	3.959e-003	3.956e-008
149	8.742e-009	4.857e-006	-1.551e-010	1.167e-004	-3.927e-003	-1.729e-007
150	-1.468e-008	4.837e-005	4.005e-007	-2.155e-003	3.910e-003	-2.342e-008
151	5.633e-010	2.711e-004	2.586e-010	-3.263e-002	-3.914e-003	5.262e-008

Vettori modali 37 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.254e-006	-2.294e-004	-3.458e-004	8.089e-003	7.380e-004	9.257e-008
2	5.737e-005	-2.341e-004	-1.116e-003	5.560e-003	-9.469e-003	-1.269e-007
3	-6.514e-006	-2.406e-004	-6.345e-004	-8.315e-003	-8.132e-003	3.168e-007
4	7.862e-006	-2.200e-004	-2.049e-005	-1.039e-003	3.069e-003	-5.593e-008
5	-1.058e-004	-1.252e-005	-1.379e-003	-1.711e-002	-1.347e-001	1.400e-003
6	1.153e-004	-1.159e-005	-1.307e-003	-1.624e-002	1.348e-001	-1.589e-003
7	-3.735e-006	-2.131e-005	-5.150e-005	-3.831e-004	-3.955e-003	-5.203e-008
8	-1.708e-006	-8.041e-005	5.240e-004	-1.212e-002	1.109e-002	2.221e-007
9	-5.980e-005	-7.896e-005	1.118e-003	5.556e-003	9.719e-003	-1.140e-007
10	2.114e-005	-1.278e-004	3.154e-004	1.233e-002	-1.582e-003	3.102e-008
11	6.727e-006	-2.379e-004	-2.524e-006	5.859e-003	-5.279e-006	-3.230e-004
12	-2.443e-006	-2.833e-004	2.029e-006	2.118e-002	8.751e-006	-5.412e-004
13	1.084e-005	-2.993e-004	1.350e-006	2.029e-002	-7.213e-006	3.399e-004
14	1.031e-004	-2.630e-004	1.366e-003	-1.695e-002	1.345e-001	1.358e-003
15	-1.146e-004	-2.531e-004	1.294e-003	-1.607e-002	-1.348e-001	-1.548e-003
16	0.000e+000	0.000e+000	0.000e+000	-1.730e-002	-8.166e-004	1.157e-003
17	0.000e+000	0.000e+000	0.000e+000	1.358e-003	-9.043e-006	-1.045e-004
18	1.142e-005	2.646e-005	4.474e-005	-4.556e-003	-2.793e-004	3.205e-004
19	0.000e+000	0.000e+000	0.000e+000	-1.638e-002	8.312e-004	-1.204e-003
20	4.492e-005	-9.322e-005	-7.254e-003	-9.189e-003	-9.486e-002	-7.599e-004
21	1.621e-006	-7.649e-005	5.724e-004	6.831e-004	-6.657e-004	1.170e-005
22	6.650e-005	-9.782e-005	-6.857e-003	-8.647e-003	9.493e-002	7.851e-004
23	4.229e-005	-1.797e-004	-7.717e-003	7.887e-003	-4.743e-002	3.963e-004

Vettori modali 37 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
24	1.163e-005	-1.472e-004	5.692e-004	-6.926e-004	-2.185e-004	-1.209e-005
25	-8.928e-005	-1.867e-004	-7.297e-003	7.376e-003	4.746e-002	-1.978e-004
26	4.204e-006	-1.927e-004	-2.958e-006	-1.356e-003	1.412e-006	2.115e-005
27	-6.134e-005	-2.664e-004	7.696e-003	7.809e-003	4.736e-002	4.220e-004
28	-1.585e-006	-2.188e-004	-5.735e-004	-6.939e-004	4.989e-006	-2.171e-006
29	1.170e-004	-2.700e-004	7.275e-003	7.301e-003	-4.745e-002	-2.276e-004
30	-6.273e-005	-2.671e-004	7.208e-003	-9.184e-003	9.472e-002	-7.853e-004
31	1.858e-006	-2.148e-004	-5.765e-004	6.890e-004	1.812e-003	1.614e-006
32	-3.341e-005	-2.646e-004	6.810e-003	-8.642e-003	-9.490e-002	8.360e-004
33	0.000e+000	-2.652e-004	0.000e+000	-1.714e-002	8.145e-004	1.141e-003
34	0.000e+000	-1.971e-004	0.000e+000	1.367e-003	1.068e-005	-1.379e-005
35	-9.672e-006	-1.581e-004	-4.500e-005	-4.497e-003	2.798e-004	2.721e-004
36	0.000e+000	-2.572e-004	0.000e+000	-1.622e-002	-8.321e-004	-1.240e-003
37	-5.417e-002	8.045e-003	-1.381e-003	-8.942e-003	-4.533e-002	5.434e-002
38	5.422e-002	8.798e-003	-1.257e-003	-1.143e-002	4.538e-002	-5.410e-002
39	-4.526e-006	-3.535e-002	6.220e-006	7.582e-002	-1.047e-005	-4.412e-002
40	2.517e-005	-3.662e-002	5.882e-006	7.959e-002	3.522e-005	4.354e-002
41	5.408e-002	7.357e-003	1.369e-003	-8.071e-003	4.526e-002	5.432e-002
42	-5.420e-002	8.128e-003	1.245e-003	-1.057e-002	-4.536e-002	-5.409e-002
43	-3.136e-002	6.011e-003	-1.368e-003	1.615e-002	1.255e-001	1.073e-001
44	3.141e-002	7.391e-003	-1.194e-003	1.680e-002	-1.255e-001	-1.066e-001
45	-8.255e-006	-4.686e-002	1.034e-005	-4.048e-002	-2.308e-006	-8.770e-002
46	2.770e-005	-4.901e-002	1.035e-005	-4.165e-002	-3.086e-005	8.673e-002
47	3.130e-002	5.312e-003	1.356e-003	1.524e-002	-1.253e-001	1.073e-001
48	-3.140e-002	6.710e-003	1.182e-003	1.591e-002	1.254e-001	-1.066e-001
49	4.464e-002	-4.268e-003	-1.338e-003	1.598e-002	1.211e-001	1.628e-001
50	-4.452e-002	-4.290e-003	-1.113e-003	2.005e-002	-1.208e-001	-1.617e-001
51	-3.123e-002	-4.580e-003	2.108e-002	5.108e-002	8.074e-002	1.227e-001
52	3.071e-002	-4.614e-003	2.383e-002	5.517e-002	-8.055e-002	-1.217e-001
53	-5.113e-002	-4.844e-003	2.942e-002	-2.537e-002	4.037e-002	-4.681e-002
54	5.052e-002	-4.891e-003	3.224e-002	-2.933e-002	-4.030e-002	4.607e-002
55	-8.592e-006	-5.060e-003	1.454e-005	-8.311e-002	-5.363e-006	-1.334e-001
56	1.275e-006	-5.118e-003	1.491e-005	-8.880e-002	-4.796e-005	1.320e-001
57	5.115e-002	-4.853e-003	-2.918e-002	-2.481e-002	-4.033e-002	-4.691e-002
58	-5.053e-002	-4.899e-003	-3.200e-002	-2.878e-002	4.023e-002	4.611e-002
59	3.128e-002	-4.596e-003	-2.074e-002	5.080e-002	-8.066e-002	1.227e-001
60	-3.073e-002	-4.630e-003	-2.350e-002	5.489e-002	8.050e-002	-1.217e-001
61	-4.459e-002	-4.293e-003	1.326e-003	1.495e-002	-1.210e-001	1.628e-001
62	4.451e-002	-4.314e-003	1.103e-003	1.904e-002	1.208e-001	-1.617e-001
63	-6.783e-002	8.167e-003	-1.376e-003	-4.786e-002	3.683e-002	-1.087e-001
64	-1.107e-005	2.193e-002	1.488e-005	-2.235e-002	-9.058e-007	1.078e-001
65	6.782e-002	8.329e-003	1.364e-003	-4.774e-002	-3.680e-002	-1.087e-001
66	6.810e-002	8.844e-003	-1.613e-003	-4.709e-002	-3.677e-002	1.077e-001
67	-1.579e-005	2.112e-002	1.412e-005	-2.344e-002	-1.170e-005	-1.069e-001
68	-6.805e-002	9.010e-003	1.600e-003	-4.697e-002	3.667e-002	1.078e-001
69	-2.615e-002	2.006e-002	9.126e-004	-6.781e-003	-3.730e-002	1.510e-002
70	-1.253e-002	1.989e-002	-2.436e-003	-2.785e-003	-7.464e-002	-6.327e-002
71	-1.975e-002	1.950e-002	-1.637e-003	2.220e-002	1.120e-001	-5.289e-002
72	1.251e-002	1.988e-002	2.365e-003	-2.785e-003	7.468e-002	-6.325e-002
73	2.614e-002	2.005e-002	-9.362e-004	-6.621e-003	3.736e-002	1.505e-002
74	6.440e-007	2.002e-002	1.468e-005	1.438e-002	4.237e-005	8.231e-002
75	1.975e-002	1.951e-002	1.625e-003	2.243e-002	-1.120e-001	-5.299e-002
76	1.974e-002	1.952e-002	-1.885e-003	2.291e-002	-1.133e-001	4.985e-002
77	-1.085e-002	1.988e-002	2.388e-003	-2.383e-003	-7.550e-002	6.070e-002
78	-2.445e-002	2.003e-002	-8.276e-004	-6.680e-003	-3.774e-002	-1.260e-002

Vettori modali 37 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
79	-1.244e-005	1.998e-002	1.352e-005	1.405e-002	2.557e-005	-7.899e-002
80	2.443e-002	2.003e-002	7.991e-004	-6.846e-003	3.774e-002	-1.263e-002
81	1.085e-002	1.988e-002	-2.466e-003	-2.378e-003	7.546e-002	6.067e-002
82	-1.975e-002	1.953e-002	1.871e-003	2.315e-002	1.132e-001	4.992e-002
83	-2.535e-003	1.313e-002	5.295e-003	6.997e-002	7.854e-002	-8.394e-003
84	-2.290e-003	1.296e-002	-5.286e-003	6.997e-002	7.994e-002	6.983e-003
85	2.271e-003	1.297e-002	5.276e-003	6.988e-002	-7.997e-002	6.886e-003
86	-6.125e-006	1.043e-002	1.090e-005	1.382e-002	4.326e-005	-9.268e-002
87	2.542e-003	1.312e-002	-5.308e-003	7.004e-002	-7.856e-002	-8.480e-003
88	8.327e-006	1.051e-002	1.792e-005	1.286e-002	3.963e-005	9.372e-002
89	5.000e-003	3.616e-004	1.081e-002	8.946e-002	1.616e-002	1.178e-002
90	1.877e-002	6.787e-004	4.821e-002	3.745e-002	1.078e-002	-4.244e-002
91	2.678e-002	9.890e-004	3.643e-002	-7.690e-002	5.389e-003	1.996e-002
92	1.186e-005	1.289e-003	2.062e-005	-3.526e-002	1.968e-006	8.149e-002
93	-2.676e-002	9.879e-004	-3.638e-002	-7.693e-002	-5.401e-003	1.997e-002
94	-1.876e-002	6.765e-004	-4.820e-002	3.737e-002	-1.080e-002	-4.241e-002
95	-4.997e-003	3.583e-004	-1.082e-002	8.944e-002	-1.621e-002	1.176e-002
96	-5.451e-003	1.484e-004	1.092e-002	8.895e-002	-1.706e-002	-1.220e-002
97	-1.909e-002	4.749e-004	4.801e-002	3.686e-002	-1.136e-002	4.215e-002
98	-2.690e-002	7.966e-004	3.613e-002	-7.664e-002	-5.660e-003	-2.045e-002
99	4.752e-007	1.110e-003	5.914e-006	-3.451e-002	4.075e-005	-8.136e-002
100	2.690e-002	7.949e-004	-3.613e-002	-7.668e-002	5.726e-003	-2.046e-002
101	1.909e-002	4.717e-004	-4.802e-002	3.684e-002	1.141e-002	4.217e-002
102	5.432e-003	1.436e-004	-1.094e-002	8.898e-002	1.710e-002	-1.214e-002
103	-3.570e-003	-1.382e-002	-8.606e-003	3.598e-002	3.764e-002	6.730e-002
104	4.066e-003	-1.402e-002	-8.789e-003	3.568e-002	-3.754e-002	-6.720e-002
105	4.474e-006	-1.033e-002	8.075e-007	6.768e-002	2.579e-005	-4.509e-002
106	9.678e-006	-1.017e-002	1.764e-005	6.748e-002	-3.764e-005	4.578e-002
107	-4.079e-003	-1.401e-002	8.770e-003	3.565e-002	3.760e-002	-6.723e-002
108	3.566e-003	-1.382e-002	8.581e-003	3.598e-002	-3.770e-002	6.732e-002
109	-3.638e-004	-2.556e-002	-4.418e-004	-5.443e-002	4.642e-002	6.377e-002
110	5.540e-006	-2.445e-002	-1.594e-006	1.772e-001	6.056e-007	-1.515e-002
111	6.321e-006	-2.441e-002	9.403e-006	1.772e-001	-5.114e-005	1.573e-002
112	8.451e-004	-2.568e-002	-5.794e-004	-5.457e-002	-4.699e-002	-6.328e-002
113	-8.536e-004	-2.568e-002	5.492e-004	-5.461e-002	4.704e-002	-6.329e-002
114	3.564e-004	-2.556e-002	4.086e-004	-5.445e-002	-4.646e-002	6.378e-002
115	-2.406e-004	-2.961e-002	-4.848e-003	-1.707e-001	4.117e-004	3.773e-004
116	-4.113e-004	-3.056e-002	-1.213e-001	-2.021e-001	2.642e-004	9.115e-005
117	-2.550e-004	-3.120e-002	-1.325e-001	1.700e-001	1.168e-004	-6.505e-004
118	5.240e-006	-3.153e-002	1.167e-006	2.909e-001	-3.058e-005	-1.290e-004
119	2.637e-004	-3.120e-002	1.324e-001	1.699e-001	-1.550e-004	-6.394e-004
120	4.114e-004	-3.056e-002	1.213e-001	-2.021e-001	-2.795e-004	1.125e-004
121	2.328e-004	-2.961e-002	4.812e-003	-1.706e-001	-4.039e-004	3.851e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.058e-004	-1.253e-005	-1.379e-003	-1.579e-002	-6.002e-003	-5.681e-007
124	1.153e-004	-1.159e-005	-1.307e-003	-1.120e-002	7.283e-003	5.872e-007
125	6.729e-006	-2.379e-004	-2.524e-006	-1.304e-002	-5.864e-004	1.841e-007
126	-2.446e-006	-2.833e-004	2.029e-006	2.050e-002	-5.799e-004	-1.367e-007
127	1.085e-005	-2.993e-004	1.350e-006	1.572e-002	5.849e-004	1.553e-007
128	-9.156e-009	-6.556e-009	-5.387e-010	-1.850e-002	-2.636e-003	1.085e-007
129	-4.284e-009	-5.329e-009	-9.201e-011	1.622e-003	2.598e-003	2.878e-009
130	1.142e-005	2.646e-005	4.474e-005	1.694e-002	-3.023e-003	2.164e-008
131	7.754e-009	-5.543e-009	-4.338e-010	-2.126e-002	3.332e-003	-1.540e-008
132	4.492e-005	-9.322e-005	-7.254e-003	-1.219e-002	-5.922e-002	-6.397e-008
133	6.650e-005	-9.782e-005	-6.857e-003	-1.520e-002	8.185e-003	7.052e-008

Vettori modali 37 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
134	4.229e-005	-1.797e-004	-7.717e-003	1.035e-002	-2.346e-002	1.806e-008
135	-8.928e-005	-1.867e-004	-7.297e-003	1.345e-002	4.941e-002	-3.067e-008
136	4.203e-006	-1.927e-004	-2.958e-006	-1.594e-003	5.878e-004	2.711e-009
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	6.725e-006	-2.379e-004	-2.524e-006	-9.071e-003	2.503e-004	1.680e-007
139	-2.441e-006	-2.833e-004	2.029e-006	2.059e-002	2.801e-004	-1.564e-008
140	1.084e-005	-2.993e-004	1.350e-006	1.629e-002	-2.790e-004	7.243e-008
141	1.031e-004	-2.630e-004	1.366e-003	-1.566e-002	7.284e-003	-4.593e-007
142	-1.146e-004	-2.531e-004	1.294e-003	-1.158e-002	-9.241e-003	4.795e-007
143	4.206e-006	-1.927e-004	-2.958e-006	-1.578e-003	-2.604e-004	3.908e-008
144	-6.134e-005	-2.664e-004	7.696e-003	1.018e-002	2.362e-002	-1.540e-007
145	1.170e-004	-2.699e-004	7.275e-003	1.278e-002	-4.735e-002	-1.393e-008
146	-6.274e-005	-2.671e-004	7.208e-003	-1.214e-002	5.868e-002	-3.915e-008
147	-3.341e-005	-2.646e-004	6.810e-003	-1.465e-002	-1.387e-002	7.510e-008
148	7.817e-009	-2.652e-004	1.601e-010	-1.850e-002	2.847e-003	9.245e-008
149	3.384e-009	-1.971e-004	3.696e-011	1.616e-003	-2.810e-003	-3.413e-009
150	-9.677e-006	-1.581e-004	-4.500e-005	1.353e-002	3.245e-003	-4.909e-009
151	-6.576e-009	-2.572e-004	2.127e-010	-2.069e-002	-3.547e-003	-4.002e-008

Vettori modali 38 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.108e-003	1.372e-004	2.871e-004	1.141e-002	1.315e-003	6.242e-007
2	6.260e-004	-1.476e-004	6.122e-005	1.423e-003	-2.645e-003	2.268e-007
3	3.360e-004	1.123e-004	-2.612e-004	-1.202e-002	-1.316e-002	2.585e-007
4	2.325e-004	-1.289e-004	6.763e-004	1.020e-003	-1.248e-003	3.246e-008
5	-5.518e-005	2.068e-005	3.629e-004	4.743e-003	-2.272e-001	3.513e-004
6	-6.152e-005	-2.257e-005	-3.328e-004	-4.362e-003	-2.277e-001	4.480e-004
7	2.058e-004	-2.426e-006	7.336e-004	-4.563e-004	-1.470e-003	-3.188e-009
8	3.001e-004	1.398e-005	-3.602e-004	1.170e-002	-1.369e-002	-2.403e-007
9	5.844e-004	-1.742e-005	7.113e-005	-1.988e-003	-3.301e-003	-2.334e-007
10	1.070e-003	-1.459e-005	3.036e-004	-1.081e-002	9.261e-004	-7.628e-007
11	1.588e-003	3.685e-005	-6.780e-004	-2.777e-005	3.855e-003	2.160e-004
12	1.649e-003	-1.172e-004	4.527e-003	1.150e-004	1.398e-002	4.529e-005
13	1.652e-003	1.118e-004	-4.392e-003	-1.119e-004	1.382e-002	3.156e-005
14	-3.762e-005	-3.879e-004	3.761e-004	-4.907e-003	-2.273e-001	-1.816e-004
15	-4.284e-005	3.858e-004	-3.453e-004	4.518e-003	-2.277e-001	-2.730e-004
16	0.000e+000	0.000e+000	0.000e+000	4.432e-003	-1.855e-003	8.007e-004
17	0.000e+000	0.000e+000	0.000e+000	1.189e-004	9.455e-004	-5.833e-004
18	2.202e-005	-8.975e-005	-1.966e-004	-1.274e-003	6.284e-004	-2.362e-004
19	0.000e+000	0.000e+000	0.000e+000	-4.059e-003	-1.870e-003	8.530e-004
20	4.792e-004	6.882e-005	2.568e-003	5.032e-003	-1.559e-001	-1.769e-003
21	5.463e-004	-7.165e-006	4.929e-005	5.816e-005	6.352e-003	-1.316e-003
22	4.375e-004	-7.010e-005	-2.394e-003	-4.778e-003	-1.563e-001	-1.741e-003
23	1.164e-003	2.720e-005	4.333e-003	1.651e-003	-7.096e-002	-1.323e-003
24	1.182e-003	-1.414e-005	5.471e-005	-3.579e-005	7.064e-004	-1.241e-003
25	1.145e-003	-3.477e-005	-4.123e-003	-1.775e-003	-7.124e-002	-1.394e-003
26	1.578e-003	-2.871e-006	3.693e-005	1.429e-005	2.658e-003	8.773e-005
27	1.183e-003	-2.765e-004	4.414e-003	-1.575e-003	-7.098e-002	1.251e-003
28	1.217e-003	7.425e-006	6.683e-005	5.131e-005	6.602e-004	1.128e-003
29	1.172e-003	2.746e-004	-4.200e-003	1.704e-003	-7.124e-002	1.326e-003
30	5.152e-004	-3.675e-004	2.641e-003	-5.131e-003	-1.560e-001	1.752e-003
31	5.961e-004	-8.251e-007	6.222e-005	-7.072e-005	4.910e-003	1.295e-003
32	4.742e-004	3.636e-004	-2.463e-003	4.872e-003	-1.563e-001	1.731e-003
33	0.000e+000	-3.845e-004	0.000e+000	-4.597e-003	-1.855e-003	-5.196e-004
34	0.000e+000	-7.506e-006	0.000e+000	-1.513e-004	9.438e-004	9.927e-004
35	1.339e-005	1.972e-004	-1.963e-004	1.304e-003	6.277e-004	8.342e-004

Vettori modali 38 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
36	0.000e+000	3.814e-004	0.000e+000	4.216e-003	-1.868e-003	-5.435e-004
37	-9.182e-002	-3.363e-003	-3.315e-004	5.506e-003	-7.986e-002	-3.435e-003
38	-9.202e-002	3.091e-003	3.348e-004	-5.069e-003	-8.002e-002	-3.198e-003
39	3.451e-002	-3.166e-004	3.688e-003	3.598e-004	7.189e-002	7.009e-005
40	3.455e-002	3.246e-004	-3.654e-003	-3.990e-004	7.209e-002	4.986e-005
41	-9.183e-002	3.123e-003	-3.236e-004	-5.943e-003	-7.990e-002	3.479e-003
42	-9.200e-002	-2.864e-003	3.280e-004	5.531e-003	-8.004e-002	3.271e-003
43	-5.815e-002	-3.574e-003	-1.022e-003	-4.849e-003	1.925e-001	-7.221e-003
44	-5.827e-002	3.285e-003	9.987e-004	4.469e-003	1.929e-001	-6.843e-003
45	4.211e-002	-2.936e-004	2.808e-003	-4.788e-004	-5.484e-002	9.488e-005
46	4.222e-002	3.128e-004	-2.876e-003	4.823e-004	-5.480e-002	6.816e-005
47	-5.816e-002	3.601e-003	-1.020e-003	4.357e-003	1.925e-001	7.139e-003
48	-5.827e-002	-3.328e-003	9.978e-004	-3.994e-003	1.929e-001	6.815e-003
49	4.821e-002	-3.090e-005	-1.734e-003	-5.152e-003	1.288e-001	-1.119e-002
50	4.832e-002	1.166e-005	1.683e-003	4.795e-003	1.291e-001	-1.067e-002
51	4.818e-002	-4.753e-006	-2.399e-003	2.674e-003	4.014e-002	3.442e-002
52	4.816e-002	-7.285e-006	2.112e-003	-3.071e-003	4.026e-002	3.449e-002
53	1.369e-002	2.144e-005	1.194e-004	6.203e-003	-4.850e-002	9.229e-002
54	1.370e-002	-2.616e-005	-4.356e-004	-5.937e-003	-4.854e-002	9.216e-002
55	-1.551e-002	4.741e-005	1.851e-003	-5.457e-004	-1.371e-001	1.209e-004
56	-1.546e-002	-4.476e-005	-2.025e-003	5.964e-004	-1.373e-001	8.735e-005
57	1.359e-002	7.622e-005	-3.123e-004	-6.659e-003	-4.846e-002	-9.217e-002
58	1.362e-002	-6.633e-005	4.132e-005	6.449e-003	-4.852e-002	-9.206e-002
59	4.810e-002	1.042e-004	-2.748e-003	-1.968e-003	4.021e-002	-3.461e-002
60	4.809e-002	-8.722e-005	2.501e-003	2.296e-003	4.030e-002	-3.462e-002
61	4.825e-002	1.312e-004	-1.737e-003	5.500e-003	1.289e-001	1.098e-002
62	4.833e-002	-1.072e-004	1.688e-003	-5.194e-003	1.291e-001	1.053e-002
63	5.485e-002	-1.286e-003	2.276e-003	-5.155e-004	-8.996e-002	2.522e-002
64	-7.451e-002	-1.285e-004	-1.247e-003	-1.672e-004	-5.567e-002	-7.043e-005
65	5.489e-002	1.278e-003	2.282e-003	4.753e-004	-8.994e-002	-2.512e-002
66	5.474e-002	1.205e-003	-2.349e-003	8.165e-004	-8.973e-002	2.367e-002
67	-7.443e-002	1.171e-004	9.873e-004	1.748e-004	-5.536e-002	-4.639e-005
68	5.481e-002	-1.193e-003	-2.352e-003	-7.380e-004	-8.972e-002	-2.361e-002
69	-5.829e-002	-4.765e-004	-1.034e-003	-1.057e-003	1.032e-001	3.698e-002
70	-4.869e-002	-9.445e-004	-4.987e-004	3.837e-003	6.371e-003	-7.733e-002
71	-5.446e-003	1.405e-003	2.875e-003	-1.059e-002	-9.026e-002	6.295e-002
72	-4.890e-002	9.435e-004	-4.679e-004	-3.692e-003	6.495e-003	7.768e-002
73	-5.852e-002	4.724e-004	-9.615e-004	1.041e-003	1.032e-001	-3.730e-002
74	-3.758e-002	-3.550e-006	-4.151e-004	-1.385e-004	2.000e-001	-2.363e-004
75	-5.443e-003	-1.403e-003	2.881e-003	1.052e-002	-9.044e-002	-6.260e-002
76	-5.386e-003	-1.422e-003	-2.970e-003	9.754e-003	-8.990e-002	6.032e-002
77	-4.784e-002	-9.573e-004	-1.121e-004	2.937e-003	6.833e-003	7.669e-002
78	-5.766e-002	-4.829e-004	3.470e-004	-4.792e-004	1.036e-001	-3.574e-002
79	-3.735e-002	-3.615e-006	6.822e-005	1.227e-004	2.003e-001	-2.223e-004
80	-5.744e-002	4.727e-004	4.087e-004	4.858e-004	1.035e-001	3.542e-002
81	-4.762e-002	9.442e-004	-8.880e-005	-3.061e-003	6.670e-003	-7.636e-002
82	-5.375e-003	1.406e-003	-2.973e-003	-9.678e-003	-9.015e-002	-5.998e-002
83	-1.684e-002	7.532e-006	-1.582e-003	8.872e-003	-4.021e-002	-3.667e-003
84	-1.676e-002	-3.557e-005	1.559e-003	1.060e-002	-4.023e-002	6.564e-003
85	-1.672e-002	1.208e-005	1.544e-003	-1.040e-002	-3.997e-002	-6.402e-003
86	5.152e-003	-2.430e-005	-1.783e-002	7.417e-006	2.561e-001	-6.488e-005
87	-1.687e-002	5.440e-006	-1.591e-003	-9.103e-003	-4.043e-002	3.818e-003
88	4.867e-003	2.065e-005	1.712e-002	-1.505e-005	2.558e-001	-9.022e-005
89	-2.009e-002	-2.037e-003	-3.829e-003	6.665e-002	-5.483e-003	-4.915e-002
90	1.539e-002	-1.362e-003	4.186e-002	8.658e-002	4.241e-002	-7.845e-002

Vettori modali 38 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
91	3.941e-002	-6.739e-004	5.775e-002	-2.270e-002	9.031e-002	-1.415e-002
92	3.670e-002	2.153e-005	4.121e-002	5.667e-005	1.382e-001	1.284e-006
93	3.938e-002	7.156e-004	5.782e-002	2.281e-002	9.026e-002	1.422e-002
94	1.534e-002	1.402e-003	4.193e-002	-8.671e-002	4.232e-002	7.848e-002
95	-2.015e-002	2.074e-003	-3.859e-003	-6.687e-002	-5.619e-003	4.921e-002
96	-1.998e-002	2.057e-003	3.785e-003	-6.915e-002	-5.754e-003	-5.154e-002
97	1.646e-002	1.376e-003	-4.317e-002	-8.842e-002	4.204e-002	-7.944e-002
98	4.028e-002	6.801e-004	-5.913e-002	2.406e-002	8.983e-002	-1.264e-002
99	3.696e-002	-2.239e-005	-4.194e-002	-4.089e-005	1.376e-001	3.066e-005
100	4.024e-002	-7.234e-004	-5.917e-002	-2.411e-002	8.978e-002	1.273e-002
101	1.639e-002	-1.417e-003	-4.320e-002	8.851e-002	4.195e-002	7.944e-002
102	-2.005e-002	-2.096e-003	3.823e-003	6.932e-002	-5.891e-003	5.161e-002
103	-2.023e-002	3.740e-003	-3.843e-003	-5.244e-002	5.252e-003	2.408e-002
104	-2.018e-002	-3.749e-003	3.871e-003	5.487e-002	4.723e-003	2.560e-002
105	4.335e-002	-1.315e-005	-4.949e-002	-3.787e-005	-2.905e-002	3.366e-005
106	4.323e-002	1.624e-005	4.890e-002	2.089e-005	-2.785e-002	1.242e-005
107	-2.011e-002	3.713e-003	3.825e-003	-5.477e-002	4.696e-003	-2.545e-002
108	-2.016e-002	-3.695e-003	-3.803e-003	5.230e-002	5.256e-003	-2.398e-002
109	-1.959e-002	3.411e-003	-2.180e-003	-2.859e-002	1.230e-002	1.633e-002
110	3.685e-002	-3.943e-006	-3.282e-002	-3.833e-005	-1.484e-001	4.073e-005
111	3.682e-002	1.231e-005	3.239e-002	-1.121e-005	-1.478e-001	3.009e-005
112	-1.958e-002	-3.403e-003	2.284e-003	3.107e-002	1.198e-002	1.705e-002
113	-1.951e-002	3.389e-003	2.254e-003	-3.101e-002	1.184e-002	-1.689e-002
114	-1.952e-002	-3.379e-003	-2.150e-003	2.854e-002	1.219e-002	-1.621e-002
115	-1.923e-002	3.860e-006	6.794e-005	-1.272e-003	9.567e-003	-2.611e-002
116	6.522e-003	4.457e-006	-4.462e-004	-6.175e-004	-5.443e-002	-6.628e-002
117	3.067e-002	5.007e-006	-4.338e-004	5.624e-004	-1.184e-001	-2.504e-002
118	3.278e-002	5.507e-006	-1.951e-004	-4.076e-005	-1.824e-001	4.997e-005
119	3.062e-002	5.949e-006	-4.707e-004	-6.093e-004	-1.184e-001	2.512e-002
120	6.462e-003	6.331e-006	-4.798e-004	6.738e-004	-5.431e-002	6.626e-002
121	-1.930e-002	6.646e-006	6.589e-005	1.315e-003	9.739e-003	2.621e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-5.516e-005	2.069e-005	3.629e-004	1.066e-002	2.412e-003	1.692e-007
124	-6.151e-005	-2.258e-005	-3.328e-004	-1.051e-002	1.309e-002	6.444e-008
125	1.588e-003	3.685e-005	-6.780e-004	6.428e-003	5.606e-003	-6.401e-007
126	1.649e-003	-1.172e-004	4.527e-003	-6.545e-003	1.225e-002	7.410e-008
127	1.652e-003	1.118e-004	-4.392e-003	6.630e-003	1.027e-002	-4.703e-008
128	6.724e-009	1.398e-009	2.633e-011	-1.545e-003	-7.476e-003	-6.675e-008
129	1.136e-008	5.997e-010	1.994e-010	1.529e-004	7.495e-003	1.085e-007
130	2.203e-005	-8.975e-005	-1.966e-004	-1.582e-002	-5.704e-003	-8.016e-008
131	3.442e-009	-5.281e-010	-3.773e-011	2.196e-003	4.882e-003	-6.813e-008
132	4.792e-004	6.883e-005	2.568e-003	-2.264e-004	1.777e-002	4.882e-008
133	4.375e-004	-7.011e-005	-2.394e-003	7.447e-004	3.013e-002	-3.966e-008
134	1.164e-003	2.722e-005	4.333e-003	7.278e-003	1.152e-002	-2.710e-007
135	1.145e-003	-3.478e-005	-4.123e-003	-7.645e-003	1.829e-002	1.007e-007
136	1.578e-003	-2.868e-006	3.693e-005	-2.062e-005	5.431e-004	3.403e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.588e-003	3.685e-005	-6.780e-004	-7.010e-003	5.679e-003	5.010e-007
139	1.649e-003	-1.172e-004	4.527e-003	5.432e-003	1.231e-002	-2.249e-008
140	1.652e-003	1.118e-004	-4.392e-003	-6.257e-003	1.021e-002	8.522e-008
141	-3.761e-005	-3.879e-004	3.761e-004	-9.476e-003	2.068e-003	3.810e-008
142	-4.283e-005	3.858e-004	-3.453e-004	1.007e-002	1.276e-002	1.360e-007
143	1.578e-003	-2.874e-006	3.693e-005	5.711e-005	4.901e-004	-1.351e-007
144	1.183e-003	-2.765e-004	4.414e-003	-5.850e-003	1.176e-002	7.746e-008
145	1.172e-003	2.746e-004	-4.200e-003	6.978e-003	1.824e-002	-2.298e-007

Vettori modali 38 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
146	5.152e-004	-3.675e-004	2.641e-003	-1.247e-003	1.774e-002	-4.695e-008
147	4.743e-004	3.636e-004	-2.463e-003	-3.023e-005	3.017e-002	2.938e-008
148	1.792e-009	-3.845e-004	-2.104e-010	-5.500e-005	-7.200e-003	1.946e-008
149	5.753e-009	-7.505e-006	1.848e-010	-1.938e-004	7.196e-003	-1.194e-007
150	1.339e-005	1.972e-004	-1.963e-004	1.526e-002	-5.425e-003	8.341e-008
151	1.963e-010	3.814e-004	1.790e-010	-1.337e-003	4.572e-003	5.020e-008

Vettori modali 39 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.231e-004	2.241e-004	-1.615e-003	8.182e-003	1.059e-001	-5.415e-007
2	4.193e-004	1.451e-004	-3.195e-003	-3.997e-003	-1.307e-001	-7.811e-007
3	-1.533e-004	1.402e-004	-1.849e-003	-2.399e-002	6.000e-002	5.701e-007
4	1.784e-004	1.255e-004	3.898e-004	-3.313e-002	-5.404e-002	2.903e-008
5	1.570e-005	-9.796e-007	3.738e-004	4.413e-003	2.105e-001	7.380e-005
6	-4.130e-005	-5.198e-006	3.426e-004	4.045e-003	-2.096e-001	3.125e-004
7	1.782e-004	4.170e-005	3.926e-004	3.308e-002	-5.400e-002	5.696e-008
8	-1.598e-004	6.375e-005	-1.847e-003	2.422e-002	5.957e-002	-4.641e-007
9	4.180e-004	2.994e-005	-3.193e-003	3.968e-003	-1.305e-001	5.557e-007
10	-2.298e-004	-1.075e-005	-1.612e-003	-8.451e-003	1.059e-001	3.486e-007
11	-6.071e-006	1.057e-004	1.268e-002	1.386e-005	2.460e-002	3.821e-005
12	5.568e-004	9.022e-005	-1.400e-003	2.311e-006	-2.097e-002	3.266e-006
13	-2.931e-004	1.178e-004	-1.531e-003	-1.231e-005	2.352e-002	3.486e-006
14	1.422e-005	1.635e-004	3.762e-004	-4.443e-003	2.106e-001	-8.894e-005
15	-3.744e-005	2.547e-004	3.441e-004	-4.063e-003	-2.097e-001	-2.734e-004
16	0.000e+000	0.000e+000	0.000e+000	4.803e-003	1.264e-003	-2.871e-004
17	0.000e+000	0.000e+000	0.000e+000	3.065e-002	3.842e-005	-1.982e-004
18	-8.382e-006	-8.525e-005	-7.472e-005	2.190e-002	4.465e-004	-3.063e-004
19	0.000e+000	0.000e+000	0.000e+000	4.403e-003	-1.315e-003	5.902e-004
20	-2.407e-004	2.612e-005	9.411e-004	-1.194e-003	1.420e-001	5.111e-005
21	-1.664e-006	3.155e-005	1.351e-002	1.970e-002	1.467e-002	5.156e-005
22	1.365e-004	2.651e-005	7.950e-004	-1.359e-003	-1.406e-001	-8.350e-004
23	2.724e-004	5.999e-005	-3.945e-004	-3.213e-003	6.053e-002	-1.210e-003
24	2.514e-005	4.303e-005	1.797e-002	-1.701e-003	1.545e-002	-1.589e-004
25	2.902e-004	5.806e-005	-5.603e-004	-3.146e-003	-5.856e-002	8.522e-004
26	9.350e-005	9.867e-005	1.569e-002	2.694e-005	-1.277e-003	1.307e-005
27	2.716e-004	1.176e-004	-3.885e-004	3.227e-003	6.055e-002	1.212e-003
28	2.866e-005	1.500e-004	1.800e-002	1.728e-003	1.548e-002	1.465e-004
29	2.968e-004	1.784e-004	-5.631e-004	3.154e-003	-5.859e-002	-8.692e-004
30	-2.438e-004	1.444e-004	9.504e-004	1.190e-003	1.421e-001	-4.746e-005
31	4.274e-006	1.505e-004	1.353e-002	-1.972e-002	1.459e-002	-6.357e-005
32	1.465e-004	2.152e-004	7.978e-004	1.367e-003	-1.407e-001	8.356e-004
33	0.000e+000	1.604e-004	0.000e+000	-4.835e-003	1.264e-003	2.652e-004
34	0.000e+000	1.623e-004	0.000e+000	-3.071e-002	3.861e-005	2.798e-004
35	-1.030e-005	2.808e-004	-7.480e-005	-2.195e-002	4.468e-004	4.715e-004
36	0.000e+000	2.515e-004	0.000e+000	-4.422e-003	-1.316e-003	-5.308e-004
37	8.416e-002	-7.861e-003	1.136e-003	1.685e-002	6.873e-002	1.260e-002
38	-8.382e-002	-8.063e-003	1.054e-003	1.759e-002	-6.840e-002	-1.163e-002
39	6.399e-002	1.170e-004	-3.332e-003	-1.072e-005	1.740e-001	-1.840e-005
40	-6.192e-002	1.822e-004	-3.602e-003	-7.722e-005	-1.713e-001	2.854e-005
41	8.419e-002	8.034e-003	1.140e-003	-1.676e-002	6.875e-002	-1.258e-002
42	-8.386e-002	8.326e-003	1.058e-003	-1.745e-002	-6.843e-002	1.161e-002
43	4.933e-002	-1.014e-002	1.885e-003	-1.002e-002	-1.847e-001	2.513e-002
44	-4.909e-002	-1.054e-002	1.752e-003	-1.015e-002	1.841e-001	-2.358e-002
45	1.017e-001	6.230e-005	-5.224e-003	2.108e-004	-5.832e-002	-4.007e-005
46	-9.980e-002	1.187e-004	-5.630e-003	3.156e-004	5.494e-002	5.359e-005
47	4.934e-002	1.019e-002	1.891e-003	1.036e-002	-1.848e-001	-2.506e-002

Vettori modali 39 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
48	-4.911e-002	1.062e-002	1.759e-003	1.067e-002	1.842e-001	2.349e-002
49	-4.909e-002	-5.571e-004	2.646e-003	-1.778e-002	-1.101e-001	3.828e-002
50	4.902e-002	-5.940e-004	2.462e-003	-1.883e-002	1.100e-001	-3.611e-002
51	-5.789e-002	-3.875e-004	-7.541e-003	-1.789e-002	-1.344e-001	-3.065e-002
52	5.691e-002	-4.169e-004	-8.483e-003	-1.918e-002	1.334e-001	3.166e-002
53	-1.777e-002	-2.137e-004	-1.065e-002	5.085e-003	-1.586e-001	-1.142e-001
54	1.693e-002	-2.353e-004	-1.167e-002	6.014e-003	1.568e-001	1.128e-001
55	1.905e-002	-3.747e-005	-7.142e-003	7.741e-005	-1.829e-001	-6.280e-005
56	-1.931e-002	-5.110e-005	-7.685e-003	1.806e-004	1.802e-001	7.986e-005
57	-1.771e-002	1.379e-004	-1.059e-002	-5.025e-003	-1.587e-001	1.142e-001
58	1.687e-002	1.318e-004	-1.153e-002	-5.890e-003	1.569e-001	-1.128e-001
59	-5.785e-002	3.117e-004	-7.494e-003	1.779e-002	-1.344e-001	3.076e-002
60	5.686e-002	3.133e-004	-8.382e-003	1.896e-002	1.335e-001	-3.180e-002
61	-4.912e-002	4.821e-004	2.654e-003	1.777e-002	-1.102e-001	-3.816e-002
62	4.906e-002	4.913e-004	2.472e-003	1.881e-002	1.101e-001	3.596e-002
63	3.894e-002	9.478e-004	3.161e-003	6.314e-003	-1.267e-001	-1.694e-002
64	3.969e-002	-3.437e-005	-9.130e-003	-1.832e-004	5.133e-002	1.813e-005
65	3.900e-002	-9.683e-004	3.172e-003	-6.583e-003	-1.268e-001	1.696e-002
66	-3.879e-002	9.146e-004	3.378e-003	5.927e-003	1.274e-001	1.827e-002
67	-4.011e-002	-6.777e-006	-8.497e-003	-1.481e-004	-4.996e-002	-1.412e-005
68	-3.883e-002	-9.179e-004	3.386e-003	-6.161e-003	1.274e-001	-1.831e-002
69	8.545e-003	1.780e-004	-1.169e-002	3.204e-003	-9.194e-002	5.942e-002
70	-2.047e-002	3.125e-004	-5.094e-003	2.173e-002	-8.867e-002	4.727e-002
71	-3.019e-002	-3.576e-004	3.858e-003	-8.535e-003	-8.525e-002	3.211e-003
72	-2.058e-002	-2.265e-004	-5.127e-003	-2.174e-002	-8.857e-002	-4.716e-002
73	8.462e-003	-9.299e-005	-1.170e-002	-3.144e-003	-9.189e-002	-5.958e-002
74	2.447e-002	4.158e-005	-1.054e-002	-1.419e-005	-9.521e-002	-4.676e-005
75	-3.019e-002	4.436e-004	3.870e-003	8.459e-003	-8.539e-002	-3.006e-003
76	3.041e-002	-3.331e-004	4.108e-003	-7.937e-003	8.451e-002	-2.766e-003
77	2.084e-002	-2.102e-004	-4.186e-003	-2.034e-002	8.820e-002	4.681e-002
78	-8.112e-003	-8.497e-005	-1.059e-002	-3.854e-003	9.189e-002	5.966e-002
79	-2.420e-002	4.120e-005	-9.823e-003	2.686e-005	9.557e-002	3.705e-005
80	-8.186e-003	1.690e-004	-1.055e-002	3.914e-003	9.192e-002	-5.951e-002
81	2.075e-002	2.949e-004	-4.147e-003	2.029e-002	8.827e-002	-4.690e-002
82	3.040e-002	4.176e-004	4.117e-003	7.888e-003	8.462e-002	2.566e-003
83	-3.637e-002	6.626e-004	1.654e-003	-2.091e-002	1.626e-002	3.215e-002
84	3.639e-002	-5.714e-004	1.952e-003	2.056e-002	-1.759e-002	3.105e-002
85	3.638e-002	6.334e-004	1.949e-003	-2.041e-002	-1.767e-002	-3.120e-002
86	-6.289e-003	2.884e-005	-1.764e-002	5.911e-005	9.923e-002	-1.097e-004
87	-3.638e-002	-5.918e-004	1.656e-003	2.101e-002	1.615e-002	-3.199e-002
88	6.525e-003	3.554e-005	-1.826e-002	3.780e-005	-9.998e-002	1.029e-004
89	-2.706e-002	1.023e-003	9.112e-003	-5.172e-002	1.055e-001	5.155e-002
90	-5.157e-002	6.938e-004	-2.399e-002	-6.272e-002	6.005e-002	1.741e-002
91	-3.365e-002	3.572e-004	-3.683e-002	1.143e-002	1.463e-002	-7.947e-002
92	-4.191e-003	1.653e-005	-2.667e-002	-2.668e-005	-3.079e-002	1.757e-004
93	-3.376e-002	-3.251e-004	-3.691e-002	-1.162e-002	1.464e-002	7.955e-002
94	-5.165e-002	-6.631e-004	-2.410e-002	6.283e-002	6.006e-002	-1.760e-002
95	-2.708e-002	-9.938e-004	9.109e-003	5.200e-002	1.055e-001	-5.147e-002
96	2.691e-002	9.741e-004	9.540e-003	-5.021e-002	-1.061e-001	-5.050e-002
97	5.112e-002	6.583e-004	-2.252e-002	-6.109e-002	-6.060e-002	-1.741e-002
98	3.347e-002	3.353e-004	-3.538e-002	9.833e-003	-1.506e-002	7.853e-002
99	4.327e-003	8.499e-006	-2.596e-002	-3.775e-005	3.047e-002	-1.759e-004
100	3.358e-002	-3.193e-004	-3.548e-002	-1.005e-002	-1.507e-002	-7.862e-002
101	5.119e-002	-6.436e-004	-2.265e-002	6.122e-002	-6.062e-002	1.760e-002
102	2.692e-002	-9.608e-004	9.539e-003	5.053e-002	-1.062e-001	5.044e-002

Vettori modali 39 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
103	-1.160e-002	-5.189e-004	2.935e-002	3.435e-002	1.492e-001	-2.319e-002
104	1.143e-002	-4.700e-004	2.979e-002	3.337e-002	-1.487e-001	2.255e-002
105	3.839e-003	-1.875e-005	-2.555e-002	5.285e-005	-2.872e-002	-1.616e-004
106	-3.654e-003	-1.291e-005	-2.620e-002	6.326e-005	2.978e-002	1.732e-004
107	1.142e-002	4.239e-004	2.978e-002	-3.306e-002	-1.486e-001	-2.275e-002
108	-1.159e-002	4.889e-004	2.934e-002	-3.407e-002	1.491e-001	2.343e-002
109	-1.698e-003	2.017e-004	5.299e-002	1.194e-002	1.084e-001	-5.910e-003
110	9.577e-004	-4.853e-005	-1.908e-002	1.153e-004	-3.778e-002	-9.857e-005
111	-6.598e-004	-4.583e-005	-1.947e-002	1.218e-004	3.967e-002	1.143e-004
112	1.591e-003	2.225e-004	5.327e-002	1.146e-002	-1.071e-001	5.618e-003
113	1.593e-003	-3.227e-004	5.323e-002	-1.125e-002	-1.070e-001	-5.787e-003
114	-1.693e-003	-2.925e-004	5.296e-002	-1.175e-002	1.083e-001	6.131e-003
115	-3.143e-005	-7.392e-004	6.399e-002	1.278e-002	7.930e-004	1.859e-005
116	6.989e-005	-5.181e-004	6.904e-002	-3.186e-002	8.859e-004	-3.193e-004
117	1.811e-004	-2.913e-004	2.615e-002	-1.252e-001	9.789e-004	-8.875e-005
118	1.754e-004	-6.130e-005	-1.496e-002	1.548e-004	1.072e-003	5.302e-006
119	1.805e-004	1.685e-004	2.628e-002	1.253e-001	9.813e-004	8.404e-005
120	7.116e-005	3.965e-004	6.915e-002	3.169e-002	8.908e-004	3.195e-004
121	-3.524e-005	6.201e-004	6.403e-002	-1.275e-002	8.003e-004	5.136e-006
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.568e-005	-9.783e-007	3.738e-004	2.541e-003	6.277e-002	7.214e-007
124	-4.128e-005	-5.201e-006	3.426e-004	-5.182e-003	-7.768e-002	-8.421e-007
125	-6.064e-006	1.057e-004	1.268e-002	3.865e-002	3.177e-003	2.701e-007
126	5.568e-004	9.022e-005	-1.400e-003	1.418e-003	-7.142e-002	1.666e-007
127	-2.931e-004	1.178e-004	-1.531e-003	8.709e-003	5.775e-002	-1.291e-007
128	1.285e-008	2.914e-009	1.960e-010	6.893e-003	-5.743e-003	-2.868e-007
129	2.911e-009	5.139e-009	5.065e-010	3.434e-002	5.774e-003	6.119e-008
130	-8.386e-006	-8.525e-005	-7.472e-005	-2.965e-002	-4.919e-003	-7.147e-008
131	-1.243e-008	3.041e-009	2.410e-010	1.368e-002	4.360e-003	1.723e-007
132	-2.407e-004	2.612e-005	9.411e-004	1.208e-004	1.550e-001	9.115e-009
133	1.365e-004	2.651e-005	7.950e-004	7.226e-003	-5.441e-002	-2.332e-007
134	2.724e-004	5.999e-005	-3.945e-004	-5.457e-003	-6.791e-002	-4.181e-008
135	2.902e-004	5.805e-005	-5.603e-004	-1.259e-002	-1.170e-001	-1.875e-007
136	9.350e-005	9.866e-005	1.569e-002	-7.426e-003	2.257e-002	-1.013e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-6.063e-006	1.057e-004	1.268e-002	-3.838e-002	3.140e-003	-3.714e-007
139	5.568e-004	9.022e-005	-1.400e-003	-1.692e-003	-7.146e-002	-1.576e-007
140	-2.931e-004	1.178e-004	-1.531e-003	-8.772e-003	5.779e-002	1.797e-007
141	1.420e-005	1.635e-004	3.762e-004	-2.286e-003	6.278e-002	-7.993e-007
142	-3.741e-005	2.548e-004	3.441e-004	5.209e-003	-7.802e-002	9.207e-007
143	9.350e-005	9.868e-005	1.569e-002	7.489e-003	2.261e-002	1.241e-007
144	2.716e-004	1.176e-004	-3.885e-004	5.755e-003	-6.799e-002	2.203e-008
145	2.968e-004	1.784e-004	-5.631e-004	1.264e-002	-1.169e-001	2.550e-007
146	-2.438e-004	1.444e-004	9.504e-004	-4.067e-004	1.552e-001	-4.631e-008
147	1.465e-004	2.152e-004	7.978e-004	-7.256e-003	-5.498e-002	2.364e-007
148	1.266e-008	1.604e-004	1.542e-010	-7.228e-003	-5.672e-003	1.862e-007
149	2.442e-009	1.623e-004	4.772e-010	-3.441e-002	5.702e-003	7.777e-011
150	-1.030e-005	2.808e-004	-7.480e-005	2.937e-002	-4.848e-003	4.827e-008
151	-1.310e-008	2.515e-004	2.689e-010	-1.374e-002	4.282e-003	-1.387e-007

Vettori modali 40 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-6.811e-006	7.811e-005	2.331e-004	-4.938e-003	1.523e-003	-2.683e-008
2	-2.451e-005	6.841e-005	7.831e-004	-4.168e-003	4.620e-003	1.001e-007
3	-6.699e-006	7.835e-005	3.393e-004	4.531e-003	6.570e-003	-1.721e-007
4	3.970e-006	5.610e-005	-1.189e-004	-9.416e-004	-3.724e-003	1.931e-008

Vettori modali 40 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
5	4.815e-005	1.830e-006	1.664e-003	2.059e-002	9.105e-002	-5.708e-004
6	-5.579e-005	1.162e-006	1.371e-003	1.699e-002	-8.692e-002	7.107e-004
7	-5.066e-006	-1.304e-006	1.354e-004	-1.165e-003	4.027e-003	3.372e-008
8	8.539e-006	3.232e-005	-3.101e-004	5.618e-003	-7.516e-003	-1.335e-007
9	2.475e-005	2.425e-005	-7.814e-004	-4.166e-003	-4.513e-003	8.075e-008
10	4.618e-007	4.929e-005	-2.241e-004	-6.165e-003	-1.421e-003	-1.557e-008
11	-2.351e-006	9.170e-005	-8.348e-006	-5.017e-003	-1.518e-005	1.134e-004
12	-4.525e-008	1.149e-004	-6.910e-008	-2.206e-002	9.903e-006	5.105e-005
13	-3.322e-006	1.289e-004	-2.337e-007	-1.849e-002	-1.131e-005	7.981e-005
14	-4.718e-005	7.067e-005	-1.653e-003	2.045e-002	-9.130e-002	-5.572e-004
15	5.530e-005	6.671e-005	-1.360e-003	1.686e-002	8.715e-002	6.962e-004
16	0.000e+000	0.000e+000	0.000e+000	2.090e-002	5.558e-004	-5.555e-004
17	0.000e+000	0.000e+000	0.000e+000	-1.707e-003	-1.618e-006	2.915e-005
18	-6.439e-006	-1.980e-005	-2.801e-005	4.598e-003	1.794e-004	-1.753e-004
19	0.000e+000	0.000e+000	0.000e+000	1.721e-002	-5.329e-004	6.118e-004
20	-9.631e-005	3.673e-005	8.485e-003	1.006e-002	6.412e-002	4.654e-004
21	-5.649e-007	2.907e-005	-7.238e-004	-8.876e-004	2.972e-004	5.476e-006
22	1.261e-006	3.997e-005	6.980e-003	8.249e-003	-6.121e-002	-4.633e-004
23	-7.253e-005	6.844e-005	8.625e-003	-9.728e-003	3.207e-002	-2.735e-004
24	-8.142e-006	5.681e-005	-7.323e-004	8.597e-004	-1.367e-004	-2.199e-006
25	1.006e-004	7.552e-005	7.106e-003	-7.910e-003	-3.061e-002	1.028e-004
26	-1.668e-006	7.065e-005	-1.024e-005	1.720e-003	7.962e-007	9.937e-006
27	7.715e-005	9.267e-005	-8.603e-003	-9.663e-003	-3.214e-002	-2.829e-004
28	4.592e-006	7.771e-005	7.076e-004	8.565e-004	1.817e-004	-5.627e-006
29	-1.097e-004	9.841e-005	-7.085e-003	-7.849e-003	3.068e-002	1.122e-004
30	1.015e-004	8.490e-005	-8.444e-003	1.005e-002	-6.429e-002	4.713e-004
31	-8.770e-007	6.986e-005	7.052e-004	-8.610e-004	-6.281e-004	7.827e-006
32	-1.159e-005	8.550e-005	-6.941e-003	8.241e-003	6.137e-002	-4.789e-004
33	0.000e+000	7.253e-005	0.000e+000	2.076e-002	-5.571e-004	-5.469e-004
34	0.000e+000	5.908e-005	0.000e+000	-1.665e-003	1.201e-006	1.870e-006
35	6.044e-006	3.391e-005	2.817e-005	4.583e-003	-1.800e-004	-1.733e-004
36	0.000e+000	6.945e-005	0.000e+000	1.708e-002	5.347e-004	6.174e-004
37	3.621e-002	-1.101e-002	1.832e-003	1.385e-002	2.832e-002	-2.025e-002
38	-3.458e-002	-1.029e-002	1.450e-003	1.442e-002	-2.705e-002	1.894e-002
39	-5.088e-005	2.272e-002	-2.459e-006	-4.216e-002	-1.341e-004	1.110e-002
40	4.416e-005	2.241e-002	-2.327e-006	-4.367e-002	1.288e-004	-9.939e-003
41	-3.631e-002	-1.057e-002	-1.823e-003	1.307e-002	-2.840e-002	-2.023e-002
42	3.467e-002	-9.877e-003	-1.441e-003	1.367e-002	2.713e-002	1.892e-002
43	1.983e-002	-9.280e-003	1.978e-003	-1.940e-002	-8.371e-002	-3.993e-002
44	-1.897e-002	-9.353e-003	1.511e-003	-1.764e-002	7.979e-002	3.718e-002
45	-7.764e-005	2.637e-002	-4.819e-006	3.060e-002	5.325e-005	2.215e-002
46	7.236e-005	2.696e-002	-4.391e-006	2.958e-002	-4.241e-005	-1.996e-002
47	-1.989e-002	-8.768e-003	-1.971e-003	-1.882e-002	8.393e-002	-3.990e-002
48	1.902e-002	-8.867e-003	-1.503e-003	-1.708e-002	-8.000e-002	3.715e-002
49	-2.590e-002	1.905e-003	2.106e-003	-1.111e-002	-5.726e-002	-6.058e-002
50	2.454e-002	1.764e-003	1.555e-003	-1.350e-002	5.415e-002	5.630e-002
51	-1.746e-003	2.221e-003	-8.891e-003	-2.325e-002	-3.813e-002	-3.946e-002
52	2.377e-003	2.073e-003	-1.137e-002	-2.654e-002	3.606e-002	3.618e-002
53	8.775e-003	2.512e-003	-1.247e-002	1.173e-002	-1.899e-002	-1.318e-003
54	-7.544e-003	2.359e-003	-1.490e-002	1.538e-002	1.796e-002	2.323e-003
55	-9.308e-006	2.774e-003	-7.231e-006	3.266e-002	1.486e-004	3.373e-002
56	1.031e-005	2.617e-003	-6.499e-006	3.705e-002	-1.417e-004	-3.047e-002
57	-8.750e-003	2.518e-003	1.227e-002	1.123e-002	1.923e-002	-1.451e-003
58	7.525e-003	2.365e-003	1.470e-002	1.491e-002	-1.819e-002	2.447e-003
59	1.815e-003	2.233e-003	8.604e-003	-2.301e-002	3.831e-002	-3.949e-002

Vettori modali 40 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
60	-2.441e-003	2.085e-003	1.110e-002	-2.630e-002	-3.623e-002	3.621e-002
61	2.595e-002	1.923e-003	-2.100e-003	-1.029e-002	5.739e-002	-6.053e-002
62	-2.459e-002	1.782e-003	-1.549e-003	-1.272e-002	-5.428e-002	5.627e-002
63	2.752e-002	-5.010e-003	1.739e-003	2.420e-002	-3.580e-002	1.007e-001
64	-3.844e-005	-1.246e-003	-4.916e-006	-5.985e-003	-4.449e-005	-1.100e-001
65	-2.756e-002	-5.144e-003	-1.733e-003	2.412e-002	3.595e-002	1.007e-001
66	-2.923e-002	-5.452e-003	2.326e-003	2.423e-002	3.760e-002	-1.038e-001
67	3.930e-005	-2.402e-004	-5.715e-006	-5.317e-003	3.953e-005	1.127e-001
68	2.927e-002	-5.594e-003	-2.321e-003	2.415e-002	-3.776e-002	-1.038e-001
69	9.550e-002	-6.473e-003	2.385e-002	3.287e-002	2.717e-003	-1.276e-001
70	8.593e-002	-5.855e-003	2.192e-002	-3.934e-002	5.354e-003	1.593e-001
71	8.178e-003	-5.159e-003	1.911e-003	-3.852e-002	-7.890e-003	1.473e-001
72	-8.588e-002	-5.847e-003	-2.184e-002	-3.930e-002	-5.233e-003	1.593e-001
73	-9.552e-002	-6.469e-003	-2.380e-002	3.272e-002	-2.577e-003	-1.275e-001
74	-2.578e-005	-7.018e-003	-3.194e-006	4.684e-002	8.018e-005	-1.937e-001
75	-8.136e-003	-5.170e-003	-1.905e-003	-3.874e-002	7.991e-003	1.474e-001
76	-8.379e-003	-5.140e-003	2.531e-003	-4.005e-002	1.061e-002	-1.492e-001
77	8.675e-002	-5.830e-003	-2.215e-002	-4.113e-002	7.050e-003	-1.611e-001
78	9.649e-002	-6.454e-003	-2.452e-002	3.312e-002	3.486e-003	1.288e-001
79	2.487e-005	-7.005e-003	-4.053e-006	4.905e-002	-7.877e-005	1.956e-001
80	-9.648e-002	-6.458e-003	2.457e-002	3.327e-002	-3.623e-003	1.289e-001
81	-8.680e-002	-5.837e-003	2.224e-002	-4.117e-002	-7.167e-003	-1.610e-001
82	8.336e-003	-5.151e-003	-2.525e-003	-4.028e-002	-1.071e-002	-1.493e-001
83	9.678e-003	-5.490e-003	2.598e-003	-9.716e-003	1.557e-002	8.495e-004
84	9.460e-003	-5.482e-003	-3.078e-003	-9.829e-003	1.406e-002	-9.936e-004
85	-9.509e-003	-5.490e-003	3.086e-003	-9.712e-003	-1.402e-002	-8.410e-004
86	9.988e-006	-4.049e-003	2.439e-006	-7.566e-003	-8.458e-005	1.243e-002
87	-9.629e-003	-5.482e-003	-2.590e-003	-9.830e-003	-1.560e-002	9.981e-004
88	-1.023e-005	-3.997e-003	3.486e-006	-7.919e-003	9.004e-005	-1.292e-002
89	1.017e-002	-3.125e-003	2.971e-003	7.378e-002	-1.842e-002	-1.113e-001
90	7.963e-002	-2.428e-003	5.967e-002	1.014e-001	-1.227e-002	-1.069e-001
91	7.610e-002	-1.704e-003	6.494e-002	-8.656e-002	-6.114e-003	1.211e-001
92	3.146e-007	-9.602e-004	1.175e-005	-1.333e-001	4.052e-005	1.271e-001
93	-7.604e-002	-1.702e-003	-6.489e-002	-8.650e-002	6.122e-003	1.210e-001
94	-7.953e-002	-2.425e-003	-5.962e-002	1.013e-001	1.220e-002	-1.069e-001
95	-1.014e-002	-3.120e-003	-2.973e-003	7.368e-002	1.828e-002	-1.111e-001
96	-9.814e-003	-3.180e-003	3.326e-003	7.556e-002	1.945e-002	1.125e-001
97	-7.999e-002	-2.478e-003	6.126e-002	1.033e-001	1.296e-002	1.083e-001
98	-7.669e-002	-1.748e-003	6.642e-002	-8.896e-002	6.459e-003	-1.217e-001
99	1.885e-007	-9.979e-004	1.012e-005	-1.357e-001	-3.715e-005	-1.287e-001
100	7.664e-002	-1.746e-003	-6.638e-002	-8.890e-002	-6.461e-003	-1.215e-001
101	7.990e-002	-2.474e-003	-6.122e-002	1.033e-001	-1.288e-002	1.082e-001
102	9.778e-003	-3.175e-003	-3.329e-003	7.546e-002	-1.931e-002	1.123e-001
103	-5.283e-003	3.516e-003	3.261e-003	3.764e-002	5.690e-002	-6.375e-002
104	4.810e-003	3.447e-003	3.046e-003	3.879e-002	-5.776e-002	6.457e-002
105	-1.248e-006	2.400e-003	1.230e-005	-1.015e-001	3.697e-006	-2.161e-002
106	1.856e-006	2.410e-003	1.404e-005	-9.996e-002	-5.270e-006	2.061e-002
107	-4.825e-003	3.446e-003	-3.076e-003	3.887e-002	5.796e-002	6.464e-002
108	5.299e-003	3.515e-003	-3.289e-003	3.773e-002	-5.710e-002	-6.382e-002
109	-1.104e-003	9.941e-003	1.302e-002	-7.820e-004	4.781e-002	-2.602e-002
110	-2.888e-007	8.417e-003	1.056e-005	-3.703e-002	1.239e-005	2.181e-002
111	6.502e-007	8.463e-003	1.168e-005	-3.635e-002	-1.755e-005	-2.205e-002
112	5.750e-004	9.918e-003	1.293e-002	-2.352e-004	-4.839e-002	2.641e-002
113	-5.769e-004	9.919e-003	-1.299e-002	-1.788e-004	4.853e-002	2.643e-002
114	1.106e-003	9.942e-003	-1.308e-002	-7.238e-004	-4.795e-002	-2.604e-002

Vettori modali 40 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
115	2.723e-004	1.274e-002	-1.804e-002	-3.883e-002	2.174e-004	-4.785e-005
116	4.171e-004	1.240e-002	-4.528e-002	-3.717e-002	1.439e-004	-2.017e-004
117	3.088e-004	1.192e-002	-3.667e-002	6.946e-002	7.035e-005	6.236e-004
118	1.100e-007	1.131e-002	9.418e-006	4.641e-002	-3.168e-006	3.500e-004
119	-3.080e-004	1.192e-002	3.665e-002	6.934e-002	-7.563e-005	6.224e-004
120	-4.162e-004	1.240e-002	4.522e-002	-3.722e-002	-1.481e-004	-2.011e-004
121	-2.719e-004	1.273e-002	1.797e-002	-3.886e-002	-2.206e-004	-4.686e-005
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	4.814e-005	1.832e-006	1.664e-003	2.000e-002	7.514e-003	3.519e-007
124	-5.579e-005	1.164e-006	1.371e-003	1.377e-002	-8.519e-003	-3.536e-007
125	-2.352e-006	9.170e-005	-8.348e-006	7.075e-003	2.401e-004	-1.105e-007
126	-4.341e-008	1.149e-004	-6.902e-008	-2.256e-002	2.918e-004	7.006e-008
127	-3.323e-006	1.289e-004	-2.336e-007	-1.600e-002	-2.854e-004	-8.391e-008
128	5.762e-009	2.619e-009	2.758e-010	2.152e-002	5.732e-004	-8.588e-008
129	2.360e-009	1.473e-009	6.914e-011	-2.009e-003	-5.487e-004	5.680e-009
130	-6.443e-006	-1.980e-005	-2.801e-005	-8.746e-003	8.224e-004	-1.424e-008
131	-4.802e-009	2.601e-009	2.335e-010	2.039e-002	-1.020e-003	2.604e-008
132	-9.631e-005	3.673e-005	8.485e-003	1.248e-002	5.937e-002	4.054e-008
133	1.263e-006	3.998e-005	6.980e-003	1.291e-002	-1.623e-002	-5.283e-008
134	-7.253e-005	6.844e-005	8.625e-003	-1.192e-002	2.687e-002	2.583e-008
135	1.006e-004	7.552e-005	7.106e-003	-1.241e-002	-4.303e-002	1.294e-008
136	-1.667e-006	7.064e-005	-1.024e-005	2.025e-003	-2.584e-004	-1.362e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-2.349e-006	9.170e-005	-8.348e-006	5.966e-003	-1.517e-004	-1.219e-007
139	-4.689e-008	1.149e-004	-6.915e-008	-2.260e-002	-1.128e-004	3.616e-008
140	-3.320e-006	1.289e-004	-2.337e-007	-1.616e-002	1.266e-004	-7.828e-008
141	-4.718e-005	7.068e-005	-1.653e-003	1.989e-002	-7.872e-003	3.599e-007
142	5.530e-005	6.671e-005	-1.360e-003	1.380e-002	9.101e-003	-3.436e-007
143	-1.669e-006	7.065e-005	-1.024e-005	2.010e-003	1.379e-004	-2.891e-008
144	7.715e-005	9.267e-005	-8.603e-003	-1.179e-002	-2.678e-002	8.279e-008
145	-1.097e-004	9.840e-005	-7.085e-003	-1.217e-002	4.249e-002	2.297e-008
146	1.015e-004	8.491e-005	-8.444e-003	1.243e-002	-5.925e-002	5.545e-008
147	-1.159e-005	8.550e-005	-6.941e-003	1.275e-002	1.783e-002	-5.408e-008
148	-5.460e-009	7.253e-005	-1.720e-010	2.140e-002	-6.184e-004	-6.204e-008
149	-2.149e-009	5.908e-005	-5.183e-011	-1.956e-003	5.939e-004	-7.717e-009
150	6.047e-006	3.391e-005	2.817e-005	-7.739e-003	-8.715e-004	1.306e-009
151	4.518e-009	6.946e-005	-1.750e-010	2.014e-002	1.067e-003	2.814e-008

Vettori modali 41 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-4.265e-005	-6.173e-005	2.841e-004	-1.124e-002	1.004e-002	7.368e-008
2	1.646e-006	4.251e-005	-1.003e-003	-8.605e-004	1.110e-002	-8.127e-008
3	-2.728e-005	-3.400e-005	5.751e-004	9.087e-003	2.351e-002	-3.277e-007
4	2.287e-006	7.951e-005	-4.001e-004	9.671e-003	5.366e-003	-1.624e-007
5	-1.305e-004	4.055e-006	-3.389e-003	-4.130e-002	-1.828e-001	1.688e-003
6	-1.575e-004	-7.860e-006	2.867e-003	3.490e-002	-1.835e-001	2.070e-003
7	-3.621e-005	5.043e-005	4.161e-004	9.856e-003	-5.142e-003	-1.727e-007
8	-2.071e-005	-1.456e-005	-5.806e-004	8.499e-003	-2.305e-002	-2.708e-007
9	-8.299e-005	1.162e-005	9.863e-004	-1.166e-003	-1.157e-002	-6.002e-008
10	-9.234e-005	-4.552e-005	-2.950e-004	-1.063e-002	-1.005e-002	8.049e-008
11	-8.447e-005	1.430e-005	-2.662e-006	-9.790e-003	2.320e-005	2.392e-005
12	-8.317e-005	1.199e-004	7.860e-006	3.549e-002	-2.502e-005	-5.869e-004
13	-8.403e-005	-9.961e-005	-6.164e-006	-2.918e-002	-1.599e-005	-4.931e-004
14	1.191e-004	8.001e-005	3.424e-003	-4.174e-002	1.828e-001	1.539e-003
15	1.455e-004	-8.457e-005	-2.901e-003	3.532e-002	1.835e-001	1.918e-003
16	0.000e+000	0.000e+000	0.000e+000	-4.289e-002	-1.500e-003	1.454e-003

Vettori modali 41 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
17	0.000e+000	0.000e+000	0.000e+000	1.044e-004	7.771e-004	-3.065e-004
18	-1.664e-005	-1.074e-004	-1.611e-004	1.217e-002	5.117e-004	-5.311e-004
19	0.000e+000	0.000e+000	0.000e+000	3.631e-002	-1.518e-003	1.727e-003
20	6.050e-005	2.760e-005	-1.620e-002	-1.693e-002	-1.287e-001	-9.496e-004
21	-1.392e-004	-3.321e-006	4.580e-005	5.915e-005	2.009e-002	3.392e-004
22	-8.935e-005	-2.600e-005	1.351e-002	1.368e-002	-1.292e-001	-9.737e-004
23	4.843e-005	7.952e-005	-1.532e-002	1.967e-002	-6.438e-002	5.996e-004
24	-1.476e-004	-4.006e-006	4.560e-005	-5.681e-005	1.518e-002	-1.646e-004
25	5.444e-005	-7.060e-005	1.261e-002	-1.640e-002	-6.462e-002	3.587e-004
26	-8.433e-005	1.825e-007	3.217e-006	-9.713e-005	2.523e-005	-9.823e-006
27	-1.857e-004	1.120e-004	1.541e-002	1.986e-002	6.437e-002	5.077e-004
28	3.245e-006	-2.500e-006	-3.952e-005	-5.889e-005	-1.524e-002	-2.547e-004
29	-1.974e-004	-1.026e-004	-1.269e-002	-1.658e-002	6.460e-002	2.600e-004
30	-1.405e-004	8.633e-005	1.633e-002	-1.698e-002	1.288e-001	-1.100e-003
31	5.799e-005	1.289e-006	-4.210e-005	5.193e-005	-1.998e-002	1.746e-004
32	1.253e-005	-8.441e-005	-1.363e-002	1.373e-002	1.292e-001	-1.126e-003
33	0.000e+000	7.749e-005	0.000e+000	-4.332e-002	1.501e-003	1.321e-003
34	0.000e+000	7.270e-006	0.000e+000	9.695e-005	-7.773e-004	-4.244e-004
35	1.529e-005	-1.257e-004	1.611e-004	1.231e-002	-5.118e-004	-6.412e-004
36	0.000e+000	-7.879e-005	0.000e+000	3.673e-002	1.518e-003	1.579e-003
37	-7.218e-002	1.408e-002	-5.575e-003	-7.757e-003	-5.356e-002	6.142e-002
38	-7.248e-002	-1.310e-002	4.890e-003	9.507e-003	-5.375e-002	6.156e-002
39	-1.833e-004	-3.705e-003	-3.645e-006	-1.336e-002	-1.763e-004	-4.592e-002
40	-1.859e-004	3.921e-003	4.142e-006	8.793e-003	-1.862e-004	-4.563e-002
41	7.219e-002	1.520e-002	5.606e-003	-1.001e-002	5.359e-002	6.140e-002
42	7.247e-002	-1.420e-002	-4.921e-003	1.173e-002	5.377e-002	6.153e-002
43	-3.646e-002	7.259e-003	-7.691e-003	2.809e-002	1.755e-001	1.212e-001
44	-3.662e-002	-7.815e-003	6.852e-003	-2.533e-002	1.761e-001	1.210e-001
45	-1.539e-004	4.773e-003	-1.510e-005	-1.043e-002	2.992e-004	-9.125e-002
46	-1.597e-004	-2.646e-003	1.440e-005	9.527e-003	2.995e-004	-9.077e-002
47	3.647e-002	8.640e-003	7.718e-003	2.959e-002	-1.756e-001	1.213e-001
48	3.662e-002	-9.174e-003	-6.879e-003	-2.680e-002	-1.761e-001	1.211e-001
49	6.063e-002	-2.069e-003	-9.806e-003	-9.112e-003	1.298e-001	1.838e-001
50	6.073e-002	1.845e-003	8.817e-003	3.848e-003	1.299e-001	1.834e-001
51	-2.513e-002	-2.171e-003	-2.537e-002	-2.969e-002	8.662e-002	1.425e-001
52	-2.471e-002	1.949e-003	1.998e-002	2.202e-002	8.668e-002	1.420e-001
53	-5.188e-002	-2.249e-003	-2.419e-002	3.667e-002	4.343e-002	-4.080e-002
54	-5.148e-002	2.030e-003	1.880e-002	-2.868e-002	4.347e-002	-4.018e-002
55	3.464e-005	-2.300e-003	-2.692e-005	4.364e-002	2.435e-004	-1.388e-001
56	3.272e-005	2.088e-003	2.496e-005	-3.379e-002	2.547e-004	-1.381e-001
57	5.200e-002	-2.232e-003	2.360e-002	3.528e-002	-4.313e-002	-4.090e-002
58	5.160e-002	2.013e-003	-1.822e-002	-2.731e-002	-4.315e-002	-4.029e-002
59	2.523e-002	-2.137e-003	2.456e-002	-2.894e-002	-8.651e-002	1.427e-001
60	2.482e-002	1.915e-003	-1.918e-002	2.129e-002	-8.656e-002	1.422e-001
61	-6.065e-002	-2.018e-003	9.829e-003	-6.828e-003	-1.299e-001	1.840e-001
62	-6.074e-002	1.795e-003	-8.840e-003	1.598e-003	-1.300e-001	1.837e-001
63	7.076e-002	1.854e-003	1.019e-002	-2.105e-003	-9.055e-002	1.339e-001
64	6.259e-005	9.815e-003	2.385e-005	2.770e-003	-9.430e-005	-1.148e-001
65	-7.082e-002	2.240e-003	-1.022e-002	-1.866e-003	9.049e-002	1.339e-001
66	7.080e-002	-1.253e-003	-1.124e-002	3.055e-003	-9.016e-002	1.323e-001
67	6.015e-005	-1.150e-002	-2.671e-005	-4.950e-003	-9.934e-005	-1.123e-001
68	-7.086e-002	-1.641e-003	1.126e-002	2.807e-003	9.012e-002	1.322e-001
69	4.986e-002	2.098e-003	6.930e-004	-1.405e-002	3.878e-002	-7.311e-002
70	4.774e-002	2.608e-003	-7.728e-003	-1.533e-002	7.760e-002	8.023e-002
71	2.074e-003	3.060e-003	1.152e-002	-2.827e-003	-1.163e-001	8.193e-002

Vettori modali 41 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
72	-4.790e-002	2.589e-003	7.503e-003	-1.542e-002	-7.753e-002	8.032e-002
73	-4.996e-002	2.088e-003	-8.074e-004	-1.360e-002	-3.879e-002	-7.340e-002
74	2.329e-006	1.563e-003	2.240e-005	2.240e-002	-4.704e-005	-9.033e-002
75	-2.109e-003	3.088e-003	-1.154e-002	-2.197e-003	1.164e-001	8.157e-002
76	2.076e-003	-3.177e-003	-1.260e-002	3.279e-003	-1.171e-001	7.809e-002
77	-4.513e-002	-2.741e-003	-8.540e-003	1.588e-002	-7.807e-002	7.547e-002
78	-4.695e-002	-2.273e-003	3.389e-004	1.524e-002	-3.905e-002	-6.928e-002
79	8.767e-007	-1.779e-003	-2.617e-005	-2.285e-002	-3.793e-005	-8.437e-002
80	4.685e-002	-2.283e-003	-2.371e-004	1.568e-002	3.906e-002	-6.903e-002
81	4.499e-002	-2.760e-003	8.755e-003	1.580e-002	7.817e-002	7.539e-002
82	-2.104e-003	-3.205e-003	1.263e-002	2.660e-003	1.173e-001	7.777e-002
83	-1.304e-002	-1.141e-003	5.770e-003	3.206e-002	-5.734e-002	-2.047e-002
84	1.322e-002	9.280e-004	6.691e-003	-3.183e-002	5.844e-002	-1.964e-002
85	-1.321e-002	9.081e-004	-6.681e-003	-3.161e-002	-5.822e-002	-1.938e-002
86	2.629e-006	3.510e-004	-2.740e-005	1.576e-005	4.491e-005	4.538e-002
87	1.304e-002	-1.161e-003	-5.783e-003	3.230e-002	5.756e-002	-2.078e-002
88	2.254e-006	-2.958e-004	2.256e-005	-7.632e-004	3.294e-005	4.557e-002
89	-1.915e-002	-4.098e-003	1.587e-003	1.072e-001	-2.795e-002	-1.000e-001
90	4.242e-002	-3.628e-003	6.873e-002	1.072e-001	-1.863e-002	-1.091e-001
91	5.557e-002	-3.116e-003	6.958e-002	-1.052e-001	-9.298e-003	6.284e-002
92	7.909e-006	-2.568e-003	2.693e-005	-1.218e-001	2.854e-005	1.266e-001
93	-5.557e-002	-3.119e-003	-6.951e-002	-1.052e-001	9.390e-003	6.288e-002
94	-4.243e-002	-3.634e-003	-6.868e-002	1.071e-001	1.875e-002	-1.091e-001
95	1.918e-002	-4.107e-003	-1.577e-003	1.073e-001	2.811e-002	-1.001e-001
96	-1.939e-002	4.025e-003	-2.461e-003	-1.047e-001	-2.764e-002	-9.489e-002
97	3.900e-002	3.580e-003	-6.808e-002	-1.044e-001	-1.842e-002	-1.041e-001
98	5.222e-002	3.093e-003	-6.838e-002	1.043e-001	-9.194e-003	5.758e-002
99	9.416e-006	2.570e-003	-3.296e-005	1.184e-001	3.054e-005	1.210e-001
100	-5.220e-002	3.096e-003	6.828e-002	1.043e-001	9.280e-003	5.756e-002
101	-3.898e-002	3.585e-003	6.800e-002	-1.042e-001	1.853e-002	-1.041e-001
102	1.943e-002	4.033e-003	2.450e-003	-1.046e-001	2.778e-002	-9.498e-002
103	2.200e-002	-2.561e-003	1.689e-003	7.095e-002	1.502e-002	-5.734e-002
104	2.213e-002	2.793e-003	-6.583e-004	-6.832e-002	1.353e-002	-5.436e-002
105	9.014e-006	4.979e-003	-3.224e-005	7.418e-002	-3.772e-005	5.795e-002
106	8.114e-006	-5.028e-003	2.663e-005	-7.814e-002	-3.108e-005	5.919e-002
107	-2.208e-002	2.798e-003	6.369e-004	-6.837e-002	-1.352e-002	-5.434e-002
108	-2.196e-002	-2.566e-003	-1.664e-003	7.094e-002	-1.498e-002	-5.729e-002
109	2.259e-002	3.128e-004	2.535e-003	3.470e-002	-3.845e-003	-1.912e-002
110	4.401e-006	6.075e-003	-2.083e-005	3.339e-002	-8.783e-005	-1.508e-003
111	4.133e-006	-5.865e-003	1.613e-005	-3.697e-002	-8.411e-005	-2.133e-003
112	2.261e-002	9.161e-005	-1.251e-003	-3.203e-002	-5.052e-003	-1.787e-002
113	-2.257e-002	9.885e-005	1.237e-003	-3.206e-002	4.968e-003	-1.789e-002
114	-2.255e-002	3.056e-004	-2.512e-003	3.468e-002	3.784e-003	-1.913e-002
115	-2.248e-002	2.232e-004	-6.971e-004	1.387e-003	1.250e-002	1.548e-002
116	-4.605e-002	2.152e-004	-4.013e-005	1.239e-003	8.297e-003	3.945e-002
117	-3.901e-002	2.047e-004	3.155e-004	7.411e-005	4.097e-003	-6.850e-002
118	2.021e-006	1.918e-004	-2.230e-006	-1.296e-003	-1.036e-004	-5.729e-002
119	3.906e-002	2.047e-004	-3.230e-004	6.918e-005	-4.272e-003	-6.861e-002
120	4.612e-002	2.152e-004	3.507e-005	1.255e-003	-8.441e-003	3.947e-002
121	2.252e-002	2.232e-004	7.030e-004	1.413e-003	-1.261e-002	1.553e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.304e-004	4.049e-006	-3.389e-003	-4.192e-002	-1.987e-002	-7.143e-007
124	-1.575e-004	-7.858e-006	2.867e-003	3.075e-002	-9.614e-003	-6.707e-007
125	-8.447e-005	1.430e-005	-2.662e-006	1.318e-002	3.890e-004	-9.206e-009
126	-8.317e-005	1.199e-004	7.860e-006	3.880e-002	3.600e-004	-1.261e-008

Vettori modali 41 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
127	-8.403e-005	-9.960e-005	-6.164e-006	-2.705e-002	-3.815e-004	-8.900e-009
128	-1.594e-008	1.026e-010	-2.881e-010	-4.276e-002	-9.200e-004	2.926e-007
129	-1.369e-008	9.460e-010	1.972e-010	1.239e-004	8.069e-004	-8.236e-008
130	-1.664e-005	-1.074e-004	-1.611e-004	-1.500e-002	6.392e-004	-3.526e-008
131	-1.099e-008	2.514e-009	3.164e-010	4.083e-002	-1.500e-003	1.151e-007
132	6.050e-005	2.759e-005	-1.620e-002	-1.902e-002	-9.051e-002	-6.467e-009
133	-8.934e-005	-2.599e-005	1.351e-002	1.984e-002	-2.700e-002	-1.143e-007
134	4.843e-005	7.952e-005	-1.532e-002	2.251e-002	-5.909e-002	-1.629e-007
135	5.444e-005	-7.060e-005	1.261e-002	-2.341e-002	-6.856e-002	-4.411e-008
136	-8.433e-005	1.822e-007	3.217e-006	-1.076e-004	-3.489e-004	-1.206e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-8.447e-005	1.430e-005	-2.662e-006	1.375e-002	-5.065e-004	-5.582e-008
139	-8.317e-005	1.199e-004	7.860e-006	3.849e-002	-5.484e-004	-3.776e-008
140	-8.403e-005	-9.961e-005	-6.165e-006	-2.652e-002	5.306e-004	-5.323e-008
141	1.191e-004	8.000e-005	3.424e-003	-4.201e-002	1.980e-002	-8.140e-007
142	1.454e-004	-8.457e-005	-2.901e-003	3.061e-002	9.472e-003	-7.390e-007
143	-8.433e-005	1.829e-007	3.217e-006	-1.063e-004	5.649e-004	2.299e-010
144	-1.857e-004	1.120e-004	1.541e-002	2.309e-002	5.937e-002	-2.002e-007
145	-1.974e-004	-1.026e-004	-1.269e-002	-2.420e-002	6.929e-002	-2.171e-008
146	-1.405e-004	8.633e-005	1.633e-002	-1.941e-002	9.186e-002	-3.093e-008
147	1.252e-005	-8.441e-005	-1.363e-002	2.043e-002	2.645e-002	-1.193e-007
148	1.511e-008	7.749e-005	3.448e-010	-4.349e-002	1.156e-003	1.755e-007
149	1.209e-008	7.270e-006	-1.885e-010	1.174e-004	-1.049e-003	-4.383e-008
150	1.530e-005	-1.257e-004	1.611e-004	-1.564e-002	-4.011e-004	-1.463e-008
151	1.068e-008	-7.879e-005	-3.556e-010	4.177e-002	1.259e-003	7.763e-008

Vettori modali 42 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.672e-003	5.787e-004	-1.923e-005	3.022e-003	9.247e-004	-2.270e-007
2	-1.078e-003	1.776e-003	-9.079e-004	8.471e-003	-7.067e-003	-3.264e-008
3	-5.519e-004	6.305e-004	2.944e-006	-2.830e-003	-2.261e-003	-8.438e-008
4	-5.080e-004	1.701e-003	7.910e-004	2.704e-003	1.025e-002	2.025e-007
5	-1.147e-004	-9.742e-005	4.575e-003	5.745e-002	8.048e-004	1.692e-003
6	-9.647e-005	5.951e-005	-9.334e-005	-1.166e-003	9.281e-003	1.454e-003
7	-3.655e-004	4.781e-005	5.052e-004	-6.386e-003	1.247e-002	-1.824e-007
8	-4.430e-004	1.723e-004	4.644e-004	6.959e-003	-5.099e-003	2.062e-007
9	-8.731e-004	2.406e-004	-8.905e-004	-5.918e-003	-7.935e-005	4.835e-007
10	-1.545e-003	3.434e-004	-5.629e-005	-8.922e-003	1.171e-003	1.036e-006
11	-2.015e-003	5.709e-004	-1.029e-003	4.357e-004	4.810e-004	-6.849e-004
12	-2.015e-003	1.220e-003	-2.997e-004	-3.777e-006	-2.596e-003	-2.051e-004
13	-2.007e-003	3.249e-004	-1.055e-003	3.879e-004	6.710e-005	-1.148e-004
14	-2.316e-004	3.094e-003	4.631e-003	-5.814e-002	6.893e-004	-2.842e-003
15	-1.453e-004	9.513e-005	-2.497e-005	3.328e-004	6.368e-003	-1.892e-003
16	0.000e+000	0.000e+000	0.000e+000	5.706e-002	2.119e-005	1.135e-003
17	0.000e+000	0.000e+000	0.000e+000	-2.188e-003	-3.277e-005	6.891e-004
18	-3.835e-005	1.087e-004	7.821e-006	-1.848e-003	-2.692e-005	-2.614e-005
19	0.000e+000	0.000e+000	0.000e+000	-1.167e-003	7.623e-005	8.744e-004
20	-1.014e-003	1.666e-004	1.709e-002	4.264e-003	-2.011e-004	1.865e-003
21	-8.361e-004	2.395e-004	-9.603e-004	-1.325e-003	-1.026e-002	1.940e-003
22	-9.170e-004	2.617e-004	-6.727e-004	-1.357e-003	6.556e-003	2.000e-003
23	-1.618e-003	5.917e-004	9.342e-003	-2.715e-002	-1.399e-003	1.085e-003
24	-1.634e-003	4.811e-004	-1.178e-003	4.456e-004	-5.542e-003	1.356e-003
25	-1.697e-003	3.637e-004	-1.129e-003	-3.309e-004	3.311e-003	1.164e-003
26	-2.011e-003	6.983e-004	-8.044e-004	4.595e-004	1.494e-003	-3.158e-004
27	-1.731e-003	1.902e-003	9.456e-003	2.747e-002	-1.439e-003	-6.609e-004
28	-1.780e-003	8.748e-004	-7.972e-004	6.648e-007	-4.762e-003	-9.012e-004

Vettori modali 42 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
29	-1.761e-003	2.219e-004	-8.087e-004	7.216e-004	2.286e-003	-1.005e-003
30	-1.254e-003	2.529e-003	1.730e-002	-4.315e-003	-2.824e-004	-1.714e-003
31	-1.031e-003	1.001e-003	-5.831e-004	8.686e-004	-3.756e-003	-1.957e-003
32	-9.923e-004	1.309e-004	-3.425e-004	9.996e-004	4.504e-003	-1.953e-003
33	0.000e+000	3.071e-003	0.000e+000	-5.776e-002	1.148e-005	-2.973e-003
34	0.000e+000	1.014e-003	0.000e+000	1.285e-003	-1.464e-005	-1.953e-003
35	-1.710e-005	6.867e-004	3.666e-006	9.572e-004	-1.438e-005	-1.103e-003
36	0.000e+000	9.359e-005	0.000e+000	3.019e-004	4.482e-005	-1.716e-003
37	2.245e-004	-1.468e-001	4.214e-003	3.250e-001	3.560e-004	1.180e-003
38	3.584e-003	-1.298e-003	-4.016e-005	4.158e-003	2.856e-003	-1.177e-004
39	-1.642e-002	2.222e-003	-3.202e-003	-1.632e-003	-3.227e-002	-1.451e-004
40	-3.831e-005	5.730e-005	-8.642e-004	6.255e-004	6.182e-003	3.002e-004
41	8.437e-005	1.507e-001	4.304e-003	-3.246e-001	4.571e-004	-2.038e-003
42	2.400e-003	1.682e-003	6.287e-005	-4.060e-003	2.081e-003	-1.145e-003
43	1.457e-004	-1.907e-001	3.799e-003	-1.951e-001	-6.411e-004	6.673e-004
44	1.925e-003	-2.267e-003	1.353e-005	-1.279e-003	-8.379e-003	-1.689e-003
45	-1.959e-002	1.659e-003	-6.064e-003	3.853e-003	2.453e-002	-8.496e-005
46	2.328e-003	-1.856e-004	-6.626e-004	2.230e-004	1.638e-003	7.151e-004
47	1.293e-004	1.923e-001	3.921e-003	2.024e-001	-3.172e-004	-1.234e-003
48	1.367e-003	2.344e-003	1.499e-004	2.190e-003	-5.467e-003	-3.991e-004
49	-3.106e-004	-7.615e-003	3.311e-003	-3.252e-001	-9.033e-004	1.299e-004
50	-2.493e-003	-1.596e-004	6.966e-005	-5.174e-003	-4.952e-003	-3.337e-003
51	1.425e-003	-5.341e-003	-1.195e-001	-1.154e-001	1.359e-002	-5.133e-003
52	-8.752e-004	-1.488e-004	-1.981e-003	-2.135e-003	-5.248e-003	-3.660e-003
53	3.021e-003	-3.004e-003	-8.877e-002	2.032e-001	2.808e-002	-7.158e-004
54	7.116e-004	-1.361e-004	-1.610e-003	3.069e-003	-5.543e-003	-2.329e-003
55	2.690e-003	-6.310e-004	-8.981e-003	2.837e-003	4.257e-002	-2.194e-005
56	9.906e-004	-1.219e-004	-4.420e-004	-3.870e-004	-5.838e-003	1.150e-003
57	3.038e-003	1.729e-003	-8.676e-002	-2.016e-001	2.808e-002	6.917e-004
58	-1.338e-004	-1.078e-004	-1.757e-003	-2.936e-003	-4.872e-003	2.956e-003
59	1.455e-003	4.068e-003	-1.181e-001	1.119e-001	1.358e-002	5.083e-003
60	-1.262e-003	-9.254e-005	-1.943e-003	2.617e-003	-3.906e-003	1.299e-003
61	-2.180e-004	6.359e-003	3.465e-003	3.258e-001	-9.116e-004	-3.903e-004
62	-1.480e-003	-7.613e-005	2.391e-004	5.118e-003	-2.941e-003	3.835e-004
63	-2.008e-003	1.405e-003	1.351e-004	-7.614e-004	6.211e-003	-5.106e-003
64	-1.869e-003	2.041e-004	-1.789e-004	-6.756e-004	-4.221e-003	1.125e-003
65	-8.909e-004	-1.211e-003	3.331e-004	-5.002e-004	4.644e-003	3.296e-003
66	-1.757e-003	5.583e-002	3.722e-003	3.310e-002	-3.288e-003	1.952e-002
67	1.535e-002	-7.238e-004	-8.364e-003	-1.893e-003	5.276e-003	5.913e-006
68	-1.762e-003	-5.644e-002	3.876e-003	-3.592e-002	-3.599e-003	-2.007e-002
69	3.380e-004	2.394e-004	1.543e-003	3.480e-003	4.995e-003	-7.237e-003
70	3.037e-003	1.905e-004	2.111e-003	-1.658e-003	4.697e-003	-2.092e-003
71	1.776e-003	4.062e-004	2.023e-004	4.108e-003	6.063e-003	-6.966e-003
72	3.764e-003	3.702e-004	1.670e-003	1.094e-003	5.806e-003	5.024e-004
73	1.258e-003	3.298e-004	1.086e-003	-2.883e-003	5.549e-003	8.237e-003
74	-1.687e-003	2.854e-004	9.989e-005	4.856e-004	5.293e-003	1.098e-003
75	1.797e-003	1.393e-004	4.277e-004	-3.914e-003	4.399e-003	6.359e-003
76	-2.316e-003	4.805e-003	4.107e-003	8.967e-002	1.285e-003	3.990e-002
77	-1.135e-002	3.342e-003	3.213e-002	1.243e-002	-7.047e-003	-4.344e-003
78	-1.111e-003	1.840e-003	1.571e-002	-6.585e-002	-1.538e-002	-3.016e-002
79	8.359e-003	3.155e-004	-7.610e-003	-9.294e-004	-2.371e-002	3.520e-005
80	-1.419e-003	-1.194e-003	1.541e-002	6.627e-002	-1.538e-002	3.094e-002
81	-1.181e-002	-2.690e-003	3.225e-002	-1.155e-002	-7.057e-003	4.049e-003
82	-2.426e-003	-4.153e-003	4.260e-003	-9.073e-002	1.269e-003	-4.075e-002
83	2.487e-003	7.574e-005	5.184e-004	6.404e-003	2.081e-003	-8.525e-003

Vettori modali 42 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
84	-1.823e-003	3.226e-003	4.067e-003	-3.857e-002	5.181e-003	-4.907e-002
85	-1.722e-003	-2.540e-003	3.917e-003	3.869e-002	5.114e-003	4.849e-002
86	4.108e-003	3.825e-004	-5.778e-003	-3.083e-004	-2.387e-002	-9.503e-004
87	2.317e-003	2.854e-004	6.725e-004	-5.154e-003	1.538e-003	1.004e-002
88	-5.534e-004	1.120e-004	6.632e-004	8.296e-004	7.324e-003	4.299e-004
89	2.452e-003	-1.546e-004	5.192e-004	1.071e-002	-2.484e-003	-9.310e-003
90	6.427e-003	-1.170e-004	5.178e-003	5.175e-003	-7.783e-004	-3.031e-003
91	4.160e-003	-7.797e-005	4.282e-003	-7.560e-003	9.276e-004	1.061e-002
92	2.599e-004	-3.803e-005	1.384e-003	1.022e-003	2.634e-003	-3.105e-004
93	4.873e-003	6.955e-006	4.906e-003	7.893e-003	9.407e-004	-1.206e-002
94	7.260e-003	5.186e-005	5.543e-003	-6.239e-003	-7.522e-004	4.197e-003
95	2.250e-003	9.615e-005	6.557e-004	-9.876e-003	-2.445e-003	1.189e-002
96	-6.595e-004	-1.465e-003	3.166e-003	1.886e-002	8.711e-003	3.422e-002
97	-1.268e-002	-8.969e-004	8.282e-003	-9.825e-004	1.030e-003	8.964e-003
98	-7.975e-003	-3.183e-004	2.636e-003	-1.829e-002	-6.651e-003	-2.371e-002
99	1.110e-003	2.641e-004	-3.439e-003	-1.476e-004	-1.433e-002	-1.531e-003
100	-7.014e-003	8.472e-004	2.257e-003	1.750e-002	-6.708e-003	2.318e-002
101	-1.216e-002	1.420e-003	7.837e-003	1.635e-003	9.167e-004	-7.077e-003
102	-7.631e-004	1.976e-003	3.320e-003	-1.730e-002	8.541e-003	-3.449e-002
103	1.751e-003	-2.183e-004	6.628e-005	-1.029e-002	-4.788e-003	7.810e-003
104	4.500e-004	1.258e-004	1.836e-003	-1.653e-002	1.061e-002	-1.718e-002
105	3.185e-005	-2.092e-005	-1.896e-003	4.645e-004	-6.986e-003	-1.804e-003
106	1.413e-004	-1.753e-004	1.356e-003	1.018e-003	-2.603e-003	4.396e-004
107	5.897e-004	-2.239e-005	1.638e-003	1.866e-002	1.097e-002	1.515e-002
108	1.939e-003	-3.390e-004	-9.392e-005	1.190e-002	-5.027e-003	-5.855e-003
109	1.422e-003	-4.901e-004	-6.078e-004	-1.106e-002	-2.515e-003	4.183e-003
110	-3.130e-004	-3.371e-004	-8.180e-004	5.727e-004	-5.437e-003	-1.196e-003
111	-1.704e-004	-3.403e-004	8.154e-004	7.320e-004	-3.538e-003	6.213e-004
112	1.184e-003	-6.549e-004	2.291e-004	-1.450e-002	7.415e-003	-5.470e-003
113	1.347e-003	1.949e-004	-2.000e-005	1.657e-002	7.609e-003	3.060e-003
114	1.592e-003	-4.256e-004	-8.199e-004	1.287e-002	-2.821e-003	-3.617e-003
115	1.530e-003	-2.117e-004	-9.148e-004	1.386e-002	1.945e-003	-2.336e-003
116	2.538e-003	-2.936e-004	3.880e-003	4.190e-003	-8.647e-005	-2.101e-004
117	1.315e-003	-3.720e-004	2.803e-003	-7.054e-003	-2.118e-003	4.540e-003
118	-3.418e-004	-4.459e-004	1.323e-004	2.731e-004	-4.150e-003	3.005e-004
119	6.374e-004	-5.284e-004	2.795e-003	6.705e-003	-2.080e-003	-3.125e-003
120	1.677e-003	-6.047e-004	3.764e-003	-4.074e-003	-8.868e-006	-5.967e-004
121	1.364e-003	-6.737e-004	-6.582e-004	-1.229e-002	2.062e-003	9.082e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.147e-004	-9.742e-005	4.575e-003	4.230e-002	1.476e-002	-7.025e-008
124	-9.648e-005	5.954e-005	-9.334e-005	3.401e-003	3.301e-003	-7.723e-007
125	-2.015e-003	5.709e-004	-1.029e-003	5.393e-003	5.646e-004	5.583e-007
126	-2.015e-003	1.220e-003	-2.997e-004	9.847e-003	1.171e-004	3.824e-007
127	-2.007e-003	3.249e-004	-1.055e-003	-4.089e-003	-4.296e-004	-3.370e-008
128	-1.413e-008	7.797e-009	8.884e-010	7.164e-002	1.567e-003	2.748e-007
129	-2.746e-008	2.435e-008	3.113e-010	-2.576e-003	-1.663e-003	-3.139e-007
130	-3.837e-005	1.087e-004	7.821e-006	-3.954e-003	1.495e-003	9.037e-009
131	-1.432e-008	1.141e-008	7.709e-010	-6.123e-003	-1.601e-003	6.433e-008
132	-1.014e-003	1.666e-004	1.709e-002	1.735e-002	1.062e-001	5.746e-008
133	-9.170e-004	2.617e-004	-6.727e-004	-6.212e-003	1.083e-002	3.885e-008
134	-1.618e-003	5.917e-004	9.342e-003	-4.832e-002	3.560e-002	3.303e-007
135	-1.697e-003	3.637e-004	-1.129e-003	4.337e-003	3.468e-003	-3.824e-009
136	-2.011e-003	6.982e-004	-8.044e-004	1.049e-003	1.376e-003	-4.290e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-2.015e-003	5.709e-004	-1.029e-003	4.673e-004	-3.065e-004	1.007e-007

Vettori modali 42 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
139	-2.015e-003	1.220e-003	-2.997e-004	-5.268e-003	-7.524e-004	-5.694e-007
140	-2.007e-003	3.249e-004	-1.055e-003	1.408e-003	4.095e-004	-7.266e-008
141	-2.316e-004	3.094e-003	4.631e-003	-4.746e-002	1.818e-002	-1.266e-006
142	-1.453e-004	9.512e-005	-2.497e-005	-7.345e-004	8.860e-004	2.494e-007
143	-2.011e-003	6.983e-004	-8.044e-004	5.739e-006	2.184e-003	-3.907e-007
144	-1.731e-003	1.902e-003	9.456e-003	4.424e-002	3.407e-002	7.005e-007
145	-1.761e-003	2.219e-004	-8.087e-004	-4.159e-004	2.690e-003	8.078e-008
146	-1.254e-003	2.529e-003	1.730e-002	-1.284e-002	1.140e-001	-2.933e-007
147	-9.923e-004	1.309e-004	-3.425e-004	2.283e-003	4.177e-003	-3.373e-008
148	1.109e-008	3.071e-003	1.776e-009	-6.759e-002	7.652e-004	-3.223e-008
149	-2.400e-009	1.014e-003	5.546e-011	1.458e-003	-7.447e-004	3.279e-007
150	-1.711e-005	6.867e-004	3.666e-006	3.060e-003	6.885e-004	-5.911e-008
151	-6.228e-009	9.359e-005	7.140e-011	1.374e-003	-7.358e-004	-7.800e-008

Vettori modali 43 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.743e-003	1.487e-003	-5.760e-005	2.174e-002	-4.283e-003	-4.032e-007
2	1.086e-003	5.206e-004	4.880e-005	-1.940e-003	4.575e-004	1.331e-007
3	7.288e-004	1.632e-003	4.552e-005	-1.921e-002	-1.985e-002	-8.070e-008
4	4.343e-004	6.707e-004	7.900e-005	2.542e-003	8.858e-004	-6.302e-008
5	1.211e-004	6.154e-005	-2.837e-004	-3.553e-003	-9.237e-003	-1.712e-003
6	1.164e-004	-9.709e-005	4.526e-003	5.683e-002	-6.419e-004	-1.582e-003
7	3.562e-004	8.462e-005	1.947e-004	-1.983e-003	1.514e-003	8.237e-008
8	5.571e-004	2.384e-004	-1.474e-004	2.012e-002	-2.767e-002	-3.067e-007
9	9.457e-004	2.194e-004	1.691e-004	2.185e-004	3.596e-003	-2.718e-007
10	1.565e-003	4.690e-004	3.789e-005	-2.278e-002	-7.631e-003	-1.093e-006
11	2.103e-003	8.930e-004	-4.626e-004	4.532e-004	-1.746e-003	1.037e-003
12	2.087e-003	2.934e-004	-1.285e-003	5.300e-004	-4.638e-004	1.499e-004
13	2.114e-003	1.243e-003	-3.943e-004	-3.950e-005	2.592e-003	1.208e-004
14	1.538e-004	8.461e-006	-1.928e-004	2.444e-003	-6.373e-003	2.023e-003
15	2.182e-004	3.172e-003	4.579e-003	-5.748e-002	-5.890e-004	2.576e-003
16	0.000e+000	0.000e+000	0.000e+000	-3.542e-003	-7.229e-005	-1.262e-003
17	0.000e+000	0.000e+000	0.000e+000	-2.496e-003	3.217e-005	-1.382e-004
18	2.999e-005	8.113e-005	-5.431e-006	1.715e-002	1.098e-005	5.175e-004
19	0.000e+000	0.000e+000	0.000e+000	5.645e-002	-2.546e-005	-1.264e-003
20	1.003e-003	2.621e-004	-1.471e-003	-1.874e-003	-6.642e-003	-2.014e-003
21	8.740e-004	2.471e-004	-1.090e-003	-1.492e-003	4.380e-003	-2.150e-003
22	8.806e-004	1.778e-004	1.680e-002	3.892e-003	3.146e-004	-1.945e-003
23	1.757e-003	3.515e-004	-1.760e-003	6.152e-004	-3.553e-003	-1.159e-003
24	1.691e-003	4.756e-004	-1.329e-003	5.343e-004	5.742e-003	-1.405e-003
25	1.764e-003	6.050e-004	9.061e-003	-2.676e-002	1.453e-003	-1.394e-003
26	2.104e-003	7.033e-004	-8.646e-004	6.995e-004	-1.447e-003	3.901e-004
27	1.807e-003	1.699e-004	-1.321e-003	-8.776e-005	-2.544e-003	9.918e-004
28	1.827e-003	8.854e-004	-7.478e-004	1.556e-004	6.351e-003	9.483e-004
29	1.921e-003	1.943e-003	9.149e-003	2.706e-002	1.472e-003	1.008e-003
30	1.066e-003	6.242e-005	-1.025e-003	1.377e-003	-4.625e-003	2.009e-003
31	1.078e-003	9.980e-004	-5.092e-004	8.076e-004	-3.251e-004	1.968e-003
32	1.104e-003	2.594e-003	1.699e-002	-3.909e-003	3.518e-004	1.907e-003
33	0.000e+000	6.098e-006	0.000e+000	2.392e-003	-5.064e-005	1.798e-003
34	0.000e+000	1.043e-003	0.000e+000	1.095e-003	2.375e-005	2.139e-003
35	-1.622e-005	1.643e-003	-4.388e-006	-1.831e-002	9.736e-006	2.996e-003
36	0.000e+000	3.153e-003	0.000e+000	-5.711e-002	-2.129e-005	2.885e-003
37	-3.546e-003	3.574e-003	-2.004e-004	-6.313e-003	-2.870e-003	-2.599e-005
38	-1.585e-004	-1.467e-001	4.203e-003	3.249e-001	-3.087e-004	-1.265e-003
39	1.898e-004	-2.003e-005	-9.495e-004	6.248e-004	-5.794e-003	-2.713e-004
40	1.638e-002	2.289e-003	-3.184e-003	-1.702e-003	3.187e-002	9.969e-005

Vettori modali 43 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
41	-2.394e-003	-3.246e-003	-6.964e-005	6.463e-003	-2.090e-003	1.184e-003
42	-5.501e-005	1.506e-001	4.290e-003	-3.245e-001	-4.094e-004	1.981e-003
43	-1.917e-003	3.916e-003	-1.145e-004	5.300e-003	8.289e-003	1.660e-003
44	-1.110e-004	-1.906e-001	3.826e-003	-1.949e-001	4.902e-004	-9.473e-004
45	-2.079e-003	-2.154e-004	-6.023e-004	7.267e-005	-1.762e-003	-6.924e-004
46	1.941e-002	1.715e-003	-5.933e-003	3.968e-003	-2.460e-002	7.856e-005
47	-1.368e-003	-3.902e-003	5.437e-005	-4.455e-003	5.453e-003	3.446e-004
48	-1.047e-004	1.923e-001	3.946e-003	2.024e-001	2.574e-004	1.386e-003
49	2.461e-003	8.879e-005	-2.281e-005	4.968e-003	4.918e-003	3.428e-003
50	2.689e-004	-7.613e-003	3.378e-003	-3.252e-001	8.280e-004	-6.143e-004
51	8.278e-004	2.196e-005	1.670e-003	1.226e-003	5.038e-003	3.623e-003
52	-1.349e-003	-5.344e-003	-1.193e-001	-1.151e-001	-1.352e-002	5.121e-003
53	-7.157e-004	-4.513e-005	1.023e-003	-3.240e-003	5.158e-003	2.215e-003
54	-3.017e-003	-3.012e-003	-8.850e-002	2.032e-001	-2.788e-002	9.555e-004
55	-9.630e-004	-1.117e-004	-2.299e-004	-3.067e-004	5.278e-003	-1.134e-003
56	-2.769e-003	-6.442e-004	-8.735e-003	2.915e-003	-4.223e-002	5.639e-005
57	1.203e-004	-1.781e-004	1.014e-003	3.638e-003	4.495e-003	-2.841e-003
58	-3.063e-003	1.710e-003	-8.646e-002	-2.016e-001	-2.786e-002	-9.016e-004
59	1.214e-003	-2.423e-004	1.873e-003	-9.131e-004	3.713e-003	-1.300e-003
60	-1.396e-003	4.045e-003	-1.179e-001	1.115e-001	-1.349e-002	-5.149e-003
61	1.474e-003	-3.037e-004	1.837e-004	-5.249e-003	2.931e-003	-5.356e-004
62	2.090e-004	6.331e-003	3.531e-003	3.258e-001	8.804e-004	7.624e-004
63	1.719e-003	5.599e-002	3.821e-003	3.280e-002	3.375e-003	-2.095e-002
64	-1.525e-002	-7.483e-004	-8.022e-003	-1.918e-003	-4.967e-003	1.134e-006
65	1.752e-003	-5.663e-002	3.976e-003	-3.565e-002	3.624e-003	2.144e-002
66	1.998e-003	-2.241e-004	4.951e-005	-1.992e-003	-6.123e-003	5.440e-003
67	1.655e-003	2.007e-004	7.049e-005	-6.815e-004	3.865e-003	-1.094e-003
68	8.953e-004	4.752e-004	2.862e-004	7.898e-004	-4.612e-003	-3.694e-003
69	2.212e-003	-1.207e-003	1.630e-002	6.724e-002	1.532e-002	-3.253e-002
70	1.281e-002	-2.711e-003	3.311e-002	-1.272e-002	7.049e-003	-3.018e-003
71	2.337e-003	4.827e-003	4.240e-003	9.068e-002	-1.178e-003	-4.233e-002
72	1.235e-002	3.356e-003	3.298e-002	1.361e-002	7.078e-003	3.345e-003
73	1.893e-003	1.845e-003	1.660e-002	-6.678e-002	1.533e-002	3.176e-002
74	-8.209e-003	3.119e-004	-7.172e-003	-9.573e-004	2.359e-002	-5.696e-005
75	2.436e-003	-4.183e-003	4.393e-003	-9.182e-002	-1.221e-003	4.319e-002
76	-1.765e-003	2.712e-004	1.249e-004	2.037e-003	-6.115e-003	7.556e-003
77	-4.157e-003	2.789e-004	1.026e-003	1.022e-003	-5.870e-003	2.186e-004
78	-1.741e-003	2.833e-004	8.706e-004	-1.396e-003	-5.625e-003	-8.580e-003
79	1.390e-003	2.843e-004	3.854e-004	5.034e-004	-5.380e-003	-1.051e-003
80	-8.777e-004	2.844e-004	1.345e-003	2.021e-003	-5.078e-003	7.673e-003
81	-3.491e-003	2.812e-004	1.491e-003	-1.580e-003	-4.776e-003	1.293e-003
82	-1.797e-003	2.745e-004	3.904e-004	-1.747e-003	-4.474e-003	-7.015e-003
83	1.758e-003	-2.590e-003	4.069e-003	3.996e-002	-5.002e-003	-5.097e-002
84	-2.334e-003	1.916e-004	6.522e-004	-5.135e-003	-1.675e-003	-1.052e-002
85	-2.491e-003	1.507e-004	4.587e-004	6.497e-003	-2.225e-003	9.074e-003
86	2.475e-004	1.068e-004	9.822e-004	8.408e-004	-7.418e-003	-4.671e-004
87	1.841e-003	3.285e-003	4.218e-003	-3.994e-002	-5.086e-003	5.156e-002
88	-3.999e-003	3.875e-004	-5.360e-003	-3.396e-004	2.370e-002	9.162e-004
89	6.972e-004	-1.485e-003	3.331e-003	2.098e-002	-8.809e-003	-3.644e-002
90	1.356e-002	-9.071e-004	9.523e-003	4.272e-004	-1.281e-003	-9.716e-003
91	8.601e-003	-3.181e-004	3.760e-003	-1.996e-002	6.248e-003	2.521e-002
92	-1.058e-003	2.747e-004	-3.031e-003	-1.360e-004	1.378e-002	1.509e-003
93	7.653e-003	8.685e-004	3.410e-003	1.924e-002	6.311e-003	-2.468e-002
94	1.304e-002	1.452e-003	9.116e-003	1.836e-004	-1.153e-003	7.867e-003
95	7.840e-004	2.018e-003	3.483e-003	-1.951e-002	-8.618e-003	3.674e-002

Vettori modali 43 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
96	-2.474e-003	-1.252e-004	4.798e-004	1.229e-002	2.395e-003	1.042e-002
97	-7.077e-003	-1.008e-004	5.936e-003	6.310e-003	8.194e-004	3.981e-003
98	-4.833e-003	-7.530e-005	5.057e-003	-8.512e-003	-7.558e-004	-1.139e-002
99	-5.483e-004	-4.886e-005	1.713e-003	9.773e-004	-2.331e-003	2.180e-004
100	-5.442e-003	-1.820e-005	5.643e-003	8.805e-003	-7.654e-004	1.270e-002
101	-7.813e-003	1.268e-005	6.277e-003	-7.277e-003	8.002e-004	-4.974e-003
102	-2.283e-003	4.342e-005	6.546e-004	-1.132e-002	2.366e-003	-1.282e-002
103	-4.568e-004	1.448e-004	1.974e-003	-1.870e-002	-1.085e-002	1.859e-002
104	-1.785e-003	-2.200e-004	7.578e-005	-1.195e-002	4.721e-003	-8.559e-003
105	-3.539e-004	-1.872e-004	1.615e-003	9.633e-004	3.190e-003	-4.458e-004
106	-9.154e-005	-9.385e-006	-1.597e-003	4.598e-004	6.140e-003	1.808e-003
107	-1.963e-003	-3.506e-004	-1.213e-004	1.366e-002	4.948e-003	6.740e-003
108	-5.836e-004	-1.752e-005	1.772e-003	2.078e-002	-1.126e-002	-1.652e-002
109	-1.212e-003	-6.561e-004	3.321e-004	-1.671e-002	-7.588e-003	6.097e-003
110	4.482e-006	-3.449e-004	1.010e-003	6.815e-004	3.725e-003	-5.829e-004
111	1.897e-004	-3.273e-004	-6.144e-004	5.513e-004	5.150e-003	1.222e-003
112	-1.461e-003	-4.715e-004	-5.736e-004	-1.302e-002	2.323e-003	-4.683e-003
113	-1.622e-003	-4.447e-004	-8.186e-004	1.491e-002	2.595e-003	4.206e-003
114	-1.367e-003	2.141e-004	6.909e-005	1.878e-002	-7.841e-003	-3.646e-003
115	-1.561e-003	-2.118e-004	-8.651e-004	1.628e-002	-2.180e-003	2.520e-003
116	-2.735e-003	-2.922e-004	4.951e-003	5.302e-003	-7.525e-005	5.244e-004
117	-1.547e-003	-3.691e-004	3.674e-003	-8.716e-003	2.030e-003	-4.708e-003
118	1.949e-004	-4.416e-004	3.237e-004	2.352e-004	4.134e-003	-2.617e-004
119	-8.936e-004	-5.223e-004	3.639e-003	8.348e-003	2.008e-003	3.307e-003
120	-1.889e-003	-5.967e-004	4.822e-003	-5.118e-003	-1.183e-004	2.440e-004
121	-1.403e-003	-6.641e-004	-5.838e-004	-1.464e-002	-2.245e-003	-1.056e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.211e-004	6.156e-005	-2.837e-004	3.117e-003	-3.373e-003	1.040e-006
124	1.164e-004	-9.709e-005	4.526e-003	3.297e-002	-1.668e-002	-1.450e-007
125	2.103e-003	8.930e-004	-4.626e-004	2.188e-002	2.768e-003	-1.142e-006
126	2.087e-003	2.934e-004	-1.285e-003	-5.718e-003	4.996e-003	1.963e-007
127	2.114e-003	1.243e-003	-3.943e-004	1.876e-002	-3.125e-003	-5.155e-007
128	2.360e-008	1.773e-008	1.127e-009	-1.064e-002	-3.767e-003	-1.742e-007
129	3.493e-008	2.527e-008	3.074e-010	-2.940e-003	3.883e-003	1.914e-007
130	3.001e-005	8.114e-005	-5.431e-006	-2.578e-002	-3.735e-003	-1.453e-007
131	5.210e-009	3.688e-009	4.321e-010	7.987e-002	3.729e-003	-1.871e-007
132	1.003e-003	2.621e-004	-1.471e-003	-8.796e-003	-1.381e-002	1.214e-007
133	8.806e-004	1.778e-004	1.680e-002	2.552e-002	-2.614e-002	-2.946e-007
134	1.757e-003	3.516e-004	-1.760e-003	7.584e-003	-6.969e-003	-6.823e-007
135	1.764e-003	6.050e-004	9.061e-003	-5.645e-002	-6.157e-002	2.131e-007
136	2.104e-003	7.033e-004	-8.646e-004	1.362e-003	-6.229e-003	5.989e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.103e-003	8.930e-004	-4.626e-004	-2.067e-002	2.506e-003	4.293e-008
139	2.087e-003	2.934e-004	-1.285e-003	6.660e-004	4.685e-003	3.285e-008
140	2.114e-003	1.243e-003	-3.943e-004	-1.778e-002	-2.814e-003	7.580e-007
141	1.538e-004	8.456e-006	-1.928e-004	1.985e-003	-3.238e-003	-3.428e-007
142	2.182e-004	3.172e-003	4.579e-003	-3.455e-002	-2.412e-002	1.325e-006
143	2.104e-003	7.033e-004	-8.646e-004	2.818e-004	-5.873e-003	2.217e-007
144	1.807e-003	1.699e-004	-1.321e-003	-8.005e-004	-7.996e-003	-9.783e-009
145	1.921e-003	1.943e-003	9.149e-003	5.588e-002	-6.550e-002	-4.394e-007
146	1.066e-003	6.241e-005	-1.025e-003	1.995e-003	-6.748e-003	-1.152e-007
147	1.104e-003	2.594e-003	1.699e-002	-2.449e-002	-3.499e-002	2.418e-007
148	8.683e-009	6.097e-006	1.145e-010	2.851e-003	-2.580e-003	6.411e-008
149	1.456e-008	1.043e-003	-2.263e-011	1.228e-003	2.627e-003	-1.289e-007
150	-1.623e-005	1.643e-003	-4.388e-006	2.203e-002	-2.551e-003	-8.638e-008

Vettori modali 43 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
151	-1.214e-008	3.153e-003	1.411e-009	-7.912e-002	2.367e-003	8.978e-008

Vettori modali 44 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.624e-003	-2.057e-004	7.656e-003	-7.949e-002	-6.361e-001	-3.971e-006
2	-2.323e-003	8.054e-005	1.624e-002	5.445e-002	8.509e-001	-1.507e-006
3	1.215e-003	5.482e-004	9.874e-003	1.867e-001	-4.607e-001	-7.076e-006
4	-1.205e-003	3.165e-004	-2.778e-003	2.369e-001	4.235e-001	9.601e-007
5	-5.819e-004	-1.861e-005	-1.178e-003	-1.445e-002	-5.787e-003	7.358e-003
6	3.622e-004	-1.170e-005	-9.945e-004	-1.219e-002	8.020e-003	-4.371e-003
7	1.219e-003	2.071e-004	2.719e-003	2.368e-001	-4.239e-001	9.258e-007
8	-1.259e-003	4.785e-004	-9.858e-003	1.889e-001	4.587e-001	-5.062e-006
9	2.325e-003	3.482e-005	-1.627e-002	5.480e-002	-8.506e-001	-1.083e-006
10	-1.702e-003	-2.300e-004	-7.671e-003	-8.190e-002	6.369e-001	-2.520e-006
11	-3.653e-005	1.785e-005	6.300e-006	-1.635e-001	2.533e-005	9.768e-004
12	-2.685e-005	-6.916e-005	-3.169e-006	1.307e-002	-5.774e-005	2.804e-003
13	-3.912e-005	5.514e-005	-7.820e-006	1.090e-002	2.901e-005	2.578e-003
14	6.017e-004	-9.134e-005	1.189e-003	-1.459e-002	5.814e-003	7.536e-003
15	-3.849e-004	-1.415e-004	1.016e-003	-1.246e-002	-8.086e-003	-4.611e-003
16	0.000e+000	0.000e+000	0.000e+000	-1.484e-002	-1.489e-004	6.592e-003
17	0.000e+000	0.000e+000	0.000e+000	2.421e-001	2.287e-004	-2.002e-003
18	-1.669e-005	-3.974e-004	-4.744e-005	1.573e-001	1.048e-004	1.420e-005
19	0.000e+000	0.000e+000	0.000e+000	-1.253e-002	-1.714e-004	-3.746e-003
20	-1.906e-003	-6.188e-005	-5.860e-003	-6.501e-003	-4.093e-003	-2.562e-003
21	-2.322e-004	1.928e-005	1.018e-001	1.260e-001	8.453e-002	1.148e-003
22	8.937e-004	5.111e-005	-4.927e-003	-5.417e-003	5.656e-003	-8.969e-004
23	8.617e-004	-6.512e-005	-5.647e-003	7.142e-003	-2.075e-003	-2.880e-003
24	-3.248e-004	-1.872e-004	1.038e-001	-1.209e-001	9.488e-002	-6.403e-004
25	1.499e-003	3.791e-006	-4.727e-003	6.007e-003	2.843e-003	9.789e-004
26	-3.335e-005	-3.181e-004	1.070e-005	-2.507e-001	1.151e-005	2.202e-004
27	-8.867e-004	-7.234e-005	5.667e-003	7.217e-003	2.010e-003	-2.960e-003
28	2.725e-004	-1.350e-004	-1.038e-001	-1.209e-001	-9.489e-002	-6.841e-004
29	-1.582e-003	-2.833e-005	4.759e-003	6.145e-003	-2.828e-003	9.820e-004
30	1.922e-003	-9.182e-005	5.902e-003	-6.507e-003	4.077e-003	-2.656e-003
31	1.996e-004	1.437e-004	-1.018e-001	1.260e-001	-8.464e-002	1.118e-003
32	-9.663e-004	-2.583e-005	5.003e-003	-5.422e-003	-5.686e-003	-9.432e-004
33	0.000e+000	-8.496e-005	0.000e+000	-1.498e-002	1.502e-004	6.926e-003
34	0.000e+000	2.399e-004	0.000e+000	2.422e-001	-2.309e-004	-2.154e-003
35	2.283e-005	-2.745e-004	4.796e-005	1.572e-001	-1.061e-004	-6.665e-004
36	0.000e+000	-1.444e-004	0.000e+000	-1.280e-002	1.734e-004	-4.083e-003
37	-2.713e-003	4.130e-003	-1.684e-003	-6.266e-004	-7.953e-004	7.455e-003
38	3.417e-003	3.368e-003	-1.466e-003	-2.276e-004	1.677e-003	-5.967e-003
39	-1.470e-004	-1.691e-003	-6.812e-006	-4.530e-003	-2.341e-004	9.302e-005
40	-4.713e-005	-1.081e-003	-1.546e-005	-4.227e-003	-1.217e-005	3.994e-003
41	2.739e-003	4.430e-003	1.696e-003	-1.487e-003	7.765e-004	7.658e-003
42	-3.461e-003	3.953e-003	1.487e-003	-1.881e-003	-1.670e-003	-6.072e-003
43	-9.183e-004	1.276e-003	-2.167e-003	9.063e-003	6.917e-003	7.553e-003
44	1.353e-003	9.038e-004	-1.918e-003	7.520e-003	-8.685e-003	-7.562e-003
45	-1.506e-004	1.472e-003	-1.036e-005	-4.349e-003	2.393e-004	-2.618e-003
46	-3.031e-005	1.551e-003	-2.289e-005	-3.115e-003	7.337e-005	5.410e-003
47	9.179e-004	1.726e-003	2.179e-003	9.459e-003	-6.992e-003	7.780e-003
48	-1.366e-003	1.775e-003	1.937e-003	8.294e-003	8.781e-003	-7.533e-003
49	2.476e-003	-7.621e-004	-2.642e-003	-6.375e-003	3.702e-003	7.655e-003
50	-3.083e-003	-6.835e-004	-2.363e-003	-5.587e-003	-5.157e-003	-9.236e-003
51	-1.136e-003	-7.828e-004	-9.849e-003	-1.304e-002	2.553e-003	5.960e-003
52	1.349e-003	-6.942e-004	-8.652e-003	-1.132e-002	-3.440e-003	-7.446e-003

Vettori modali 44 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
53	-2.184e-003	-7.936e-004	-9.514e-003	1.496e-002	1.403e-003	-1.962e-003
54	2.715e-003	-6.961e-004	-8.318e-003	1.314e-002	-1.723e-003	2.276e-003
55	2.345e-005	-7.944e-004	-1.393e-005	1.552e-002	2.537e-004	-5.462e-003
56	-3.512e-007	-6.892e-004	-3.035e-005	1.339e-002	-6.151e-006	6.896e-003
57	2.284e-003	-7.883e-004	9.267e-003	1.441e-002	-1.080e-003	-2.067e-003
58	-2.658e-003	-6.854e-004	7.832e-003	1.207e-002	1.708e-003	2.124e-003
59	1.221e-003	-7.723e-004	9.525e-003	-1.270e-002	-2.414e-003	6.137e-003
60	-1.263e-003	-6.730e-004	8.020e-003	-1.066e-002	3.422e-003	-7.389e-003
61	-2.511e-003	-7.465e-004	2.654e-003	-5.532e-003	-3.748e-003	7.907e-003
62	3.100e-003	-6.520e-004	2.382e-003	-3.971e-003	5.137e-003	-9.065e-003
63	-2.953e-003	6.357e-005	-2.609e-003	9.080e-004	5.503e-003	-3.714e-003
64	-2.850e-005	-1.983e-003	-2.784e-005	-4.828e-003	-6.636e-005	1.517e-003
65	2.933e-003	-2.239e-004	2.632e-003	7.419e-004	-5.593e-003	-3.534e-003
66	2.209e-003	2.428e-004	-2.893e-003	7.313e-004	-4.551e-003	2.491e-003
67	6.269e-005	-2.472e-003	-1.246e-005	-5.260e-003	-7.058e-005	-1.146e-004
68	-2.260e-003	8.659e-005	2.908e-003	6.540e-004	4.563e-003	2.500e-003
69	1.700e-003	-5.749e-005	3.759e-003	8.492e-003	-1.577e-003	-1.783e-003
70	1.202e-003	-7.391e-005	5.287e-003	-2.905e-003	-3.234e-003	3.460e-003
71	5.366e-004	-6.473e-005	-2.833e-003	-2.104e-003	4.995e-003	2.092e-003
72	-1.208e-003	-5.729e-005	-5.114e-003	-2.847e-003	3.356e-003	3.523e-003
73	-1.747e-003	-4.913e-005	-3.680e-003	8.124e-003	1.718e-003	-1.713e-003
74	-3.008e-005	-4.035e-005	-2.484e-005	2.605e-003	7.936e-005	-4.139e-003
75	-5.620e-004	-8.940e-005	2.859e-003	-2.574e-003	-4.891e-003	2.281e-003
76	-5.097e-004	-3.446e-005	-3.119e-003	-1.380e-003	-3.593e-003	-2.937e-003
77	1.897e-003	-2.709e-005	-4.924e-003	-1.901e-003	-2.426e-003	-4.681e-003
78	2.466e-003	-1.939e-005	-3.294e-003	7.868e-003	-1.259e-003	2.799e-003
79	5.364e-007	-1.144e-005	-1.075e-005	1.568e-003	-9.166e-005	5.507e-003
80	-2.542e-003	-2.318e-005	3.357e-003	8.101e-003	1.173e-003	3.000e-003
81	-2.010e-003	-3.464e-005	5.041e-003	-1.957e-003	2.438e-003	-4.763e-003
82	4.939e-004	-4.565e-005	3.136e-003	-1.675e-003	3.703e-003	-3.185e-003
83	1.049e-003	1.550e-005	-2.678e-003	3.211e-004	5.715e-004	-9.305e-004
84	8.373e-004	-6.764e-005	3.049e-003	8.550e-004	-8.491e-005	1.639e-003
85	-8.326e-004	-7.732e-005	-3.040e-003	1.022e-003	1.955e-004	1.882e-003
86	-9.308e-006	3.608e-004	-6.359e-006	-2.155e-003	-2.514e-005	-3.521e-005
87	-1.049e-003	3.108e-005	2.715e-003	7.839e-005	-4.087e-004	-6.171e-004
88	-1.141e-005	1.709e-004	-1.668e-005	-1.482e-003	1.210e-004	-1.147e-003
89	8.684e-004	1.985e-004	-2.873e-003	1.182e-003	-2.985e-003	-4.805e-003
90	4.278e-003	1.741e-004	-3.401e-003	-3.841e-004	-1.971e-003	-5.239e-003
91	3.862e-003	1.474e-004	-2.091e-003	5.313e-003	-9.560e-004	6.790e-003
92	3.363e-006	1.188e-004	-4.972e-006	6.582e-004	5.866e-005	5.175e-003
93	-3.761e-003	1.513e-004	2.176e-003	5.574e-003	1.066e-003	6.546e-003
94	-4.136e-003	1.818e-004	3.546e-003	-4.443e-004	2.074e-003	-5.124e-003
95	-8.483e-004	2.100e-004	2.927e-003	9.591e-004	3.082e-003	-4.509e-003
96	-5.815e-004	2.073e-004	-3.290e-003	1.837e-003	3.197e-003	7.405e-003
97	-5.801e-003	1.799e-004	-3.593e-003	3.233e-005	2.141e-003	8.444e-003
98	-5.639e-003	1.502e-004	-2.096e-003	5.601e-003	1.084e-003	-9.131e-003
99	-8.819e-006	1.187e-004	-6.388e-006	2.964e-004	2.823e-005	-8.631e-003
100	5.581e-003	1.517e-004	2.108e-003	5.674e-003	-1.027e-003	-9.040e-003
101	5.741e-003	1.829e-004	3.625e-003	2.141e-005	-2.082e-003	8.348e-003
102	5.999e-004	2.117e-004	3.290e-003	1.726e-003	-3.137e-003	7.220e-003
103	-4.036e-004	4.213e-004	3.513e-003	5.287e-003	4.193e-003	-3.153e-003
104	1.658e-004	6.425e-004	3.851e-003	5.620e-003	-3.800e-003	4.182e-003
105	-3.539e-006	-5.030e-004	-1.236e-005	-4.706e-003	4.487e-005	-3.413e-003
106	4.372e-006	-1.588e-004	-3.060e-006	-4.796e-003	-2.374e-005	2.153e-003
107	-1.442e-004	6.458e-004	-3.855e-003	5.734e-003	3.782e-003	4.275e-003

Vettori modali 44 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
108	4.276e-004	4.178e-004	-3.454e-003	5.489e-003	-4.212e-003	-3.301e-003
109	-1.344e-004	3.126e-004	4.155e-003	1.006e-002	2.853e-003	-2.035e-003
110	-6.552e-007	-2.549e-004	-1.767e-005	-9.685e-003	1.374e-005	-6.571e-005
111	1.216e-006	1.307e-004	-9.481e-006	-9.903e-003	-4.315e-005	1.024e-003
112	-5.902e-005	5.608e-004	4.369e-003	1.012e-002	-1.877e-003	1.469e-003
113	7.720e-005	5.659e-004	-4.362e-003	1.024e-002	1.784e-003	1.495e-003
114	1.537e-004	3.126e-004	-4.106e-003	1.022e-002	-2.946e-003	-2.090e-003
115	1.016e-004	2.832e-004	-4.449e-003	1.527e-002	-7.235e-004	-1.051e-003
116	9.440e-004	2.666e-004	3.929e-003	1.465e-002	-4.910e-004	-1.452e-003
117	9.533e-004	2.466e-004	6.227e-003	-6.220e-003	-2.585e-004	1.460e-003
118	-1.881e-007	2.235e-004	-1.624e-005	-1.478e-002	-2.603e-005	1.598e-003
119	-9.371e-004	2.457e-004	-6.217e-003	-6.085e-003	1.842e-004	1.414e-003
120	-9.170e-004	2.648e-004	-3.873e-003	1.468e-002	3.944e-004	-1.445e-003
121	-8.551e-005	2.806e-004	4.477e-003	1.515e-002	6.047e-004	-1.033e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-5.819e-004	-1.862e-005	-1.178e-003	-2.606e-002	4.590e-001	2.887e-006
124	3.623e-004	-1.173e-005	-9.945e-004	-6.249e-002	-5.527e-001	-3.939e-006
125	-3.651e-005	1.787e-005	6.300e-006	8.248e-003	-2.939e-002	1.550e-006
126	-2.686e-005	-6.916e-005	-3.169e-006	2.441e-002	-2.985e-002	-1.969e-008
127	-3.912e-005	5.515e-005	-7.820e-006	6.125e-002	2.938e-002	-7.513e-008
128	3.874e-008	1.114e-008	3.244e-010	-2.372e-003	-5.120e-002	-1.192e-006
129	-6.563e-009	4.365e-008	3.653e-009	2.810e-001	5.104e-002	-4.867e-007
130	-1.670e-005	-3.974e-004	-4.745e-005	-2.031e-001	-4.893e-002	-3.100e-007
131	-5.826e-008	1.323e-008	5.556e-010	3.760e-002	4.751e-002	1.101e-006
132	-1.906e-003	-6.189e-005	-5.860e-003	3.208e-003	9.155e-001	3.926e-007
133	8.936e-004	5.113e-005	-4.927e-003	4.314e-002	-3.526e-001	-7.201e-007
134	8.617e-004	-6.512e-005	-5.647e-003	-1.899e-003	-4.073e-001	6.376e-007
135	1.499e-003	3.776e-006	-4.727e-003	-4.238e-002	-6.846e-001	-8.970e-007
136	-3.338e-005	-3.182e-004	1.070e-005	-2.940e-001	2.969e-002	-5.692e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.655e-005	1.787e-005	6.300e-006	5.888e-003	2.938e-002	1.868e-006
139	-2.685e-005	-6.916e-005	-3.169e-006	2.389e-002	2.970e-002	-4.327e-008
140	-3.911e-005	5.515e-005	-7.819e-006	6.205e-002	-2.925e-002	-1.182e-007
141	6.018e-004	-9.135e-005	1.189e-003	-2.568e-002	-4.583e-001	3.449e-006
142	-3.850e-004	-1.415e-004	1.016e-003	-6.352e-002	5.532e-001	-4.261e-006
143	-3.333e-005	-3.182e-004	1.070e-005	-2.940e-001	-2.961e-002	1.437e-007
144	-8.868e-004	-7.234e-005	5.667e-003	-1.272e-003	4.073e-001	7.724e-007
145	-1.582e-003	-2.834e-005	4.759e-003	-4.298e-002	6.830e-001	-1.117e-006
146	1.922e-003	-9.182e-005	5.902e-003	2.666e-003	-9.154e-001	9.752e-007
147	-9.663e-004	-2.581e-005	5.003e-003	4.391e-002	3.551e-001	-7.182e-007
148	-4.263e-008	-8.495e-005	-3.933e-010	-3.057e-003	5.110e-002	-7.922e-007
149	3.826e-009	2.399e-004	-3.494e-009	2.811e-001	-5.095e-002	-1.234e-006
150	2.285e-005	-2.745e-004	4.797e-005	-2.007e-001	4.885e-002	-2.117e-007
151	6.068e-008	-1.443e-004	-7.275e-010	3.800e-002	-4.739e-002	8.603e-007

Vettori modali 45 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	3.473e-004	-3.709e-004	1.728e-003	-2.283e-002	-8.163e-002	-4.056e-007
2	-2.596e-004	-4.737e-004	5.368e-003	-6.484e-003	1.309e-001	2.366e-007
3	1.765e-004	-2.528e-004	2.100e-003	3.581e-002	-4.761e-002	-1.302e-006
4	-8.475e-005	-4.734e-004	-1.707e-003	1.954e-002	4.325e-002	6.681e-008
5	-1.750e-004	-2.916e-005	1.146e-002	1.405e-001	6.551e-002	2.348e-003
6	2.406e-005	-2.649e-005	5.471e-003	6.671e-002	-8.437e-002	-2.939e-004
7	1.261e-004	-1.215e-004	1.623e-003	2.044e-002	-4.486e-002	2.345e-007
8	-1.364e-004	-8.439e-006	-2.242e-003	3.026e-002	5.224e-002	-1.015e-006
9	3.452e-004	-1.942e-004	-5.378e-003	-6.422e-003	-1.309e-001	1.083e-007

Vettori modali 45 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
10	-1.642e-004	-2.215e-004	-1.758e-003	-1.657e-002	8.100e-002	-3.444e-007
11	1.078e-004	-2.340e-004	2.287e-005	-3.791e-002	1.091e-004	1.237e-005
12	9.093e-005	-4.820e-004	-1.119e-004	-1.284e-001	-2.484e-004	1.687e-004
13	1.152e-004	-3.348e-004	-9.305e-005	-5.706e-002	3.757e-004	5.249e-004
14	1.805e-004	-4.919e-004	-1.143e-002	1.401e-001	-6.469e-002	2.414e-003
15	-8.982e-006	-3.323e-004	-5.454e-003	6.651e-002	8.358e-002	-5.439e-005
16	0.000e+000	0.000e+000	0.000e+000	1.447e-001	3.520e-004	1.927e-003
17	0.000e+000	0.000e+000	0.000e+000	2.745e-002	9.518e-005	-7.076e-004
18	-8.208e-006	-1.623e-004	-4.480e-005	4.138e-002	2.109e-004	-2.584e-004
19	0.000e+000	0.000e+000	0.000e+000	6.922e-002	-5.920e-004	-1.644e-004
20	-1.151e-003	-1.465e-004	5.664e-002	6.270e-002	4.606e-002	6.089e-004
21	-1.747e-005	-1.003e-004	1.149e-002	1.421e-002	9.417e-003	2.688e-004
22	3.768e-004	-1.100e-004	2.625e-002	2.746e-002	-5.930e-002	-1.104e-003
23	-3.351e-004	-3.367e-004	5.483e-002	-6.869e-002	2.291e-002	-2.058e-003
24	-1.460e-005	-2.026e-004	1.174e-002	-1.357e-002	9.175e-003	-2.800e-004
25	6.514e-004	-2.514e-004	2.474e-002	-3.212e-002	-2.946e-002	5.370e-004
26	1.033e-004	-2.924e-004	2.992e-005	-2.834e-002	-5.191e-005	1.267e-004
27	4.573e-004	-5.054e-004	-5.494e-002	-6.830e-002	-2.294e-002	-1.895e-003
28	1.930e-004	-3.225e-004	-1.165e-002	-1.355e-002	-9.657e-003	-1.554e-004
29	-4.431e-004	-3.510e-004	-2.485e-002	-3.187e-002	2.967e-002	6.065e-004
30	1.203e-003	-4.768e-004	-5.657e-002	6.291e-002	-4.563e-002	7.396e-004
31	1.127e-004	-3.352e-004	-1.143e-002	1.412e-002	-7.771e-003	4.384e-004
32	-2.354e-004	-3.158e-004	-2.624e-002	2.764e-002	5.897e-002	-8.476e-004
33	0.000e+000	-4.890e-004	0.000e+000	1.442e-001	-3.482e-004	2.010e-003
34	0.000e+000	-3.387e-004	0.000e+000	2.730e-002	-9.275e-005	-4.401e-004
35	1.239e-005	-4.502e-004	4.407e-005	4.121e-002	-2.083e-004	-1.929e-004
36	0.000e+000	-3.289e-004	0.000e+000	6.901e-002	5.851e-004	-4.941e-005
37	2.528e-002	-4.759e-002	1.622e-002	2.294e-002	1.691e-002	-2.099e-002
38	-3.272e-002	-2.135e-002	8.818e-003	7.797e-003	-2.163e-002	2.761e-002
39	1.202e-004	2.162e-002	-1.190e-004	2.889e-002	1.773e-004	1.799e-002
40	6.336e-004	3.663e-003	-9.280e-005	2.680e-002	9.155e-004	-2.112e-002
41	-2.495e-002	-4.631e-002	-1.617e-002	1.868e-002	-1.669e-002	-2.126e-002
42	3.243e-002	-2.063e-002	-8.783e-003	5.247e-003	2.141e-002	2.756e-002
43	1.098e-002	-2.183e-002	2.076e-002	-9.937e-002	-6.514e-002	-4.433e-002
44	-1.426e-002	-8.581e-003	1.204e-002	-4.574e-002	8.377e-002	5.552e-002
45	1.509e-004	-6.327e-003	-1.245e-004	4.854e-002	-9.529e-005	3.582e-002
46	5.945e-004	-1.071e-002	-9.126e-005	1.315e-002	-1.115e-003	-4.277e-002
47	-1.081e-002	-1.969e-002	-2.068e-002	-9.773e-002	6.440e-002	-4.493e-002
48	1.413e-002	-7.326e-003	-1.199e-002	-4.485e-002	-8.302e-002	5.517e-002
49	-2.339e-002	7.956e-003	2.520e-002	4.517e-002	-4.207e-002	-6.880e-002
50	2.954e-002	4.155e-003	1.524e-002	2.355e-002	5.215e-002	8.478e-002
51	1.069e-002	8.312e-003	8.684e-002	1.151e-001	-2.806e-002	-5.840e-002
52	-1.184e-002	4.186e-003	4.912e-002	6.323e-002	3.442e-002	7.082e-002
53	2.151e-002	8.561e-003	8.413e-002	-1.321e-001	-1.405e-002	1.778e-002
54	-2.540e-002	4.164e-003	4.707e-002	-7.476e-002	1.668e-002	-1.983e-002
55	7.608e-005	8.700e-003	-1.284e-004	-1.378e-001	-3.390e-005	5.451e-002
56	-1.638e-004	4.088e-003	-8.828e-005	-7.609e-002	-1.050e-003	-6.547e-002
57	-2.171e-002	8.584e-003	-8.556e-002	-1.350e-001	1.394e-002	1.879e-002
58	2.500e-002	4.176e-003	-4.796e-002	-7.651e-002	-1.792e-002	-1.987e-002
59	-1.116e-002	8.358e-003	-8.859e-002	1.172e-001	2.791e-002	-5.844e-002
60	1.167e-002	4.210e-003	-5.020e-002	6.452e-002	-3.479e-002	6.994e-002
61	2.322e-002	8.024e-003	-2.511e-002	4.952e-002	4.188e-002	-6.976e-002
62	-2.928e-002	4.190e-003	-1.517e-002	2.624e-002	-5.167e-002	8.412e-002
63	2.902e-002	3.371e-003	1.719e-002	-7.247e-003	-5.261e-002	4.041e-002
64	-2.988e-004	6.953e-003	-6.829e-005	3.680e-002	4.107e-004	-2.812e-002

Vettori modali 45 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
65	-2.870e-002	2.797e-003	-1.709e-002	-7.388e-003	5.227e-002	4.111e-002
66	-2.385e-002	-8.265e-004	2.757e-002	2.331e-004	3.955e-002	-2.620e-002
67	1.161e-004	2.453e-002	-1.043e-004	4.680e-002	6.607e-005	8.769e-003
68	2.383e-002	-1.685e-003	-2.745e-002	-9.875e-005	-3.896e-002	-2.761e-002
69	-1.835e-003	-4.692e-004	-3.977e-002	-7.633e-002	1.589e-002	-2.876e-003
70	1.410e-003	-3.593e-004	-4.820e-002	4.451e-002	3.130e-002	-8.422e-003
71	-4.568e-003	-2.065e-004	1.901e-002	3.208e-002	-4.732e-002	-6.237e-003
72	-5.387e-004	-3.334e-004	4.883e-002	4.483e-002	-3.139e-002	-9.261e-003
73	2.475e-003	-4.561e-004	4.012e-002	-7.756e-002	-1.546e-002	-1.360e-003
74	2.335e-005	-5.729e-004	-4.635e-005	-4.439e-002	4.735e-004	1.114e-002
75	4.583e-003	-2.449e-004	-1.888e-002	3.067e-002	4.671e-002	-4.112e-003
76	1.993e-003	-1.917e-004	2.968e-002	6.872e-003	3.644e-002	1.858e-002
77	-1.502e-002	-4.647e-004	4.063e-002	5.503e-003	2.419e-002	3.336e-002
78	-1.846e-002	-7.317e-004	2.377e-002	-6.633e-002	1.194e-002	-2.240e-002
79	5.932e-005	-9.894e-004	-7.749e-005	1.826e-003	-3.119e-004	-3.932e-002
80	1.822e-002	-7.559e-004	-2.339e-002	-6.481e-002	-1.244e-002	-2.141e-002
81	1.457e-002	-5.127e-004	-3.987e-002	5.189e-003	-2.456e-002	3.298e-002
82	-1.854e-003	-2.629e-004	-2.953e-002	5.100e-003	-3.669e-002	1.671e-002
83	-9.323e-003	-2.334e-003	1.746e-002	1.370e-003	-5.543e-003	-6.861e-003
84	-5.534e-003	6.606e-004	-2.855e-002	-1.360e-002	-2.662e-003	-2.543e-002
85	5.589e-003	6.124e-004	2.874e-002	-1.212e-002	1.958e-003	-2.320e-002
86	-3.822e-006	-6.190e-003	-4.257e-005	2.976e-002	-4.095e-004	1.223e-002
87	9.246e-003	-2.295e-003	-1.736e-002	8.112e-005	5.185e-003	-4.778e-003
88	7.630e-005	1.420e-003	-1.734e-005	2.027e-005	1.825e-004	1.798e-002
89	-7.750e-003	-9.310e-004	1.907e-002	-1.370e-002	2.580e-002	4.488e-003
90	-1.252e-002	-7.487e-004	1.925e-002	-2.492e-003	1.715e-002	4.660e-003
91	-8.182e-003	-5.568e-004	1.059e-002	-3.013e-002	8.501e-003	-2.039e-002
92	7.739e-005	-3.578e-004	-8.082e-006	9.089e-004	-1.490e-004	-2.985e-003
93	8.792e-003	-5.503e-004	-1.013e-002	-2.889e-002	-8.711e-003	-2.146e-002
94	1.321e-002	-7.358e-004	-1.857e-002	-3.009e-003	-1.727e-002	5.608e-003
95	7.640e-003	-9.118e-004	-1.899e-002	-1.525e-002	-2.583e-002	6.330e-003
96	3.976e-003	-3.313e-003	3.055e-002	-5.349e-003	-2.386e-002	-7.671e-002
97	6.144e-002	-2.889e-003	4.261e-002	1.581e-002	-1.594e-002	-9.699e-002
98	6.206e-002	-2.429e-003	2.914e-002	-6.679e-002	-8.014e-003	9.657e-002
99	-4.484e-005	-1.937e-003	-2.002e-006	-1.870e-002	-9.263e-005	1.004e-001
100	-6.278e-002	-2.415e-003	-2.841e-002	-6.486e-002	7.701e-003	9.818e-002
101	-6.240e-002	-2.863e-003	-4.150e-002	1.510e-002	1.549e-002	-9.794e-002
102	-4.022e-003	-3.274e-003	-3.027e-002	-7.292e-003	2.329e-002	-7.886e-002
103	3.795e-003	1.469e-003	-2.417e-002	-5.146e-002	-3.901e-002	1.468e-002
104	-8.310e-004	-9.135e-003	-3.429e-002	-3.879e-002	2.564e-002	-3.462e-002
105	-2.403e-005	8.610e-003	-1.711e-005	1.838e-002	2.471e-004	4.061e-002
106	3.934e-005	-2.597e-003	-4.491e-005	4.458e-002	-3.033e-004	-6.304e-003
107	7.481e-004	-9.146e-003	3.463e-002	-3.680e-002	-2.581e-002	-3.336e-002
108	-3.896e-003	1.483e-003	2.428e-002	-4.977e-002	3.932e-002	1.358e-002
109	1.103e-003	2.987e-003	-3.080e-002	-8.708e-002	-3.388e-002	2.658e-002
110	-7.076e-007	8.214e-003	-5.271e-005	6.223e-002	1.584e-004	-1.050e-002
111	1.707e-005	-4.840e-003	-7.684e-005	8.179e-002	-7.192e-005	-2.382e-002
112	4.903e-004	-7.476e-003	-3.711e-002	-7.700e-002	4.896e-003	4.967e-003
113	-5.698e-004	-7.474e-003	3.745e-002	-7.497e-002	-4.784e-003	5.545e-003
114	-1.178e-003	3.007e-003	3.099e-002	-8.521e-002	3.446e-002	2.611e-002
115	-5.410e-004	-6.403e-004	3.602e-002	-1.194e-001	1.814e-002	4.062e-002
116	-3.082e-002	-4.957e-004	-2.939e-002	-1.148e-001	1.212e-002	5.193e-002
117	-3.211e-002	-3.448e-004	-4.788e-002	4.687e-002	6.097e-003	-4.825e-002
118	9.577e-006	-1.894e-004	-7.013e-005	1.132e-001	7.776e-005	-5.429e-002
119	3.207e-002	-3.476e-004	4.849e-002	4.893e-002	-5.846e-003	-4.807e-002

Vettori modali 45 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
120	3.072e-002	-5.014e-004	3.047e-002	-1.153e-001	-1.177e-002	5.194e-002
121	4.737e-004	-6.487e-004	-3.573e-002	-1.215e-001	-1.769e-002	4.056e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.750e-004	-2.915e-005	1.146e-002	1.444e-001	1.302e-001	1.222e-006
124	2.409e-005	-2.649e-005	5.471e-003	5.504e-002	-1.242e-001	-1.192e-006
125	1.078e-004	-2.340e-004	2.287e-005	1.037e-002	-6.666e-003	9.388e-008
126	9.093e-005	-4.820e-004	-1.119e-004	-1.422e-001	-7.182e-003	7.994e-009
127	1.152e-004	-3.348e-004	-9.305e-005	-4.954e-002	7.131e-003	1.114e-008
128	1.923e-008	-5.555e-009	8.388e-011	1.426e-001	-1.770e-002	-5.546e-007
129	4.113e-010	-8.291e-009	8.366e-010	3.182e-002	1.773e-002	-4.745e-009
130	-8.212e-006	-1.623e-004	-4.480e-005	-4.180e-002	-1.693e-002	-8.151e-008
131	-1.859e-008	8.335e-010	2.119e-010	8.175e-002	1.637e-002	3.626e-007
132	-1.151e-003	-1.465e-004	5.664e-002	7.049e-002	4.986e-001	1.818e-007
133	3.768e-004	-1.100e-004	2.625e-002	4.372e-002	-1.442e-001	-2.689e-007
134	-3.351e-004	-3.367e-004	5.483e-002	-7.760e-002	1.140e-001	5.444e-007
135	6.514e-004	-2.514e-004	2.474e-002	-4.976e-002	-2.414e-001	-2.100e-007
136	1.033e-004	-2.924e-004	2.992e-005	-3.325e-002	6.763e-003	-2.947e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.078e-004	-2.340e-004	2.287e-005	1.627e-002	6.633e-003	3.954e-008
139	9.093e-005	-4.820e-004	-1.119e-004	-1.417e-001	6.214e-003	2.304e-007
140	1.152e-004	-3.348e-004	-9.305e-005	-4.934e-002	-6.102e-003	-1.854e-007
141	1.805e-004	-4.919e-004	-1.143e-002	1.437e-001	-1.276e-001	1.725e-006
142	-9.013e-006	-3.322e-004	-5.454e-003	5.470e-002	1.210e-001	-1.492e-006
143	1.033e-004	-2.924e-004	2.992e-005	-3.318e-002	-6.609e-003	2.130e-008
144	4.573e-004	-5.055e-004	-5.494e-002	-7.754e-002	-1.140e-001	4.361e-007
145	-4.431e-004	-3.510e-004	-2.485e-002	-4.966e-002	2.441e-001	-1.792e-007
146	1.203e-003	-4.768e-004	-5.657e-002	7.109e-002	-4.982e-001	5.233e-007
147	-2.354e-004	-3.157e-004	-2.624e-002	4.410e-002	1.356e-001	-2.679e-007
148	-1.988e-008	-4.890e-004	-7.322e-010	1.421e-001	1.764e-002	-3.024e-007
149	2.488e-010	-3.387e-004	-9.370e-010	3.162e-002	-1.767e-002	-3.056e-007
150	1.239e-005	-4.502e-004	4.407e-005	-4.692e-002	1.690e-002	-6.861e-008
151	2.070e-008	-3.289e-004	-5.212e-010	8.149e-002	-1.632e-002	2.497e-007

Vettori modali 46 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-3.865e-004	-2.162e-004	9.996e-004	-1.042e-002	-3.629e-003	-6.533e-008
2	-3.813e-004	-1.611e-005	4.592e-004	7.759e-004	4.541e-002	-5.889e-008
3	-1.622e-004	-2.216e-004	9.932e-004	1.030e-002	4.874e-003	-5.949e-007
4	-1.625e-004	-3.193e-006	-5.021e-005	1.638e-002	1.818e-002	4.469e-008
5	-4.431e-006	-1.420e-006	-1.962e-003	-2.450e-002	1.934e-002	5.462e-005
6	1.805e-005	-2.079e-005	7.271e-003	8.932e-002	-4.431e-002	-2.231e-004
7	1.611e-005	3.666e-005	5.685e-005	1.810e-002	-1.836e-002	2.092e-009
8	-4.654e-005	-3.435e-005	-1.073e-003	5.315e-003	-5.466e-004	-4.613e-007
9	1.711e-005	-2.246e-005	-5.031e-004	-2.734e-004	-4.833e-002	1.198e-008
10	-2.055e-004	-8.412e-005	-1.075e-003	-5.046e-003	3.391e-003	1.490e-007
11	-3.858e-004	-9.363e-005	-9.924e-006	-3.200e-002	4.334e-004	-2.722e-004
12	-3.914e-004	-4.911e-005	-1.158e-004	2.553e-002	-8.257e-004	4.084e-004
13	-3.827e-004	-2.133e-004	-1.904e-004	-8.176e-002	2.013e-004	7.238e-004
14	-4.663e-005	1.247e-004	1.918e-003	-2.394e-002	-1.811e-002	-6.171e-004
15	-6.461e-005	-4.405e-004	-7.273e-003	8.935e-002	4.296e-002	-8.022e-004
16	0.000e+000	0.000e+000	0.000e+000	-2.454e-002	7.400e-005	5.624e-005
17	0.000e+000	0.000e+000	0.000e+000	7.035e-003	8.826e-005	-1.208e-004
18	-2.054e-005	-6.050e-005	-2.809e-005	3.525e-002	1.155e-004	-1.282e-004
19	0.000e+000	0.000e+000	0.000e+000	9.167e-002	-3.279e-004	-1.559e-004
20	-7.371e-005	-4.137e-005	-1.026e-002	-1.243e-002	1.337e-002	1.002e-004
21	-1.537e-004	-3.004e-005	2.947e-003	3.662e-003	2.210e-002	4.220e-004

Vettori modali 46 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
22	2.429e-004	-4.409e-005	3.577e-002	3.910e-002	-3.115e-002	-6.488e-004
23	-1.178e-004	-5.393e-005	-1.045e-002	1.194e-002	6.274e-003	3.494e-004
24	-3.005e-004	-6.470e-005	3.025e-003	-3.429e-003	2.379e-002	2.360e-004
25	2.889e-004	-1.387e-004	3.444e-002	-4.327e-002	-1.547e-002	9.196e-004
26	-3.871e-004	-9.084e-005	7.228e-005	-7.116e-003	2.362e-004	3.427e-005
27	-5.211e-004	1.814e-005	1.017e-002	1.186e-002	-6.911e-003	-1.011e-004
28	-3.476e-004	-1.150e-004	-2.848e-003	-3.389e-003	-2.355e-002	-1.991e-004
29	-9.124e-004	-3.138e-004	-3.475e-002	-4.297e-002	1.526e-002	4.024e-004
30	-2.922e-004	7.415e-005	1.002e-002	-1.213e-002	-1.300e-002	-5.994e-004
31	-2.026e-004	-1.225e-004	-2.808e-003	3.466e-003	-2.062e-002	-3.444e-004
32	-5.527e-004	-3.644e-004	-3.588e-002	3.951e-002	3.032e-002	-1.314e-003
33	0.000e+000	1.245e-004	0.000e+000	-2.400e-002	-6.727e-005	-5.391e-004
34	0.000e+000	-1.368e-004	0.000e+000	6.717e-003	-8.674e-005	-5.091e-004
35	1.274e-005	-2.676e-004	2.743e-005	3.504e-002	-1.124e-004	-4.494e-004
36	0.000e+000	-4.371e-004	0.000e+000	9.168e-002	3.187e-004	-7.386e-004
37	7.500e-003	1.639e-002	-1.507e-003	-2.342e-002	4.938e-003	-4.935e-003
38	-1.712e-002	-3.972e-002	9.812e-003	3.703e-002	-1.098e-002	1.539e-002
39	-2.032e-003	-1.678e-002	-8.495e-005	2.388e-002	-3.110e-003	3.279e-003
40	-1.365e-003	2.410e-002	-1.933e-004	-6.187e-003	-2.230e-003	-1.244e-002
41	-7.067e-003	1.564e-002	1.503e-003	-2.159e-002	-4.587e-003	-4.214e-003
42	1.655e-002	-3.894e-002	-9.786e-003	3.382e-002	1.065e-002	1.625e-002
43	3.317e-003	1.468e-002	-1.031e-003	2.865e-002	-1.884e-002	-9.925e-003
44	-7.133e-003	-2.631e-002	1.221e-002	-7.713e-002	4.464e-002	3.100e-002
45	-2.005e-003	-1.551e-002	-5.288e-005	-2.677e-002	3.427e-003	6.150e-003
46	-1.479e-003	9.938e-003	-1.934e-004	4.461e-002	2.032e-003	-2.559e-002
47	-3.141e-003	1.369e-002	1.066e-003	2.758e-002	1.759e-002	-7.811e-003
48	6.839e-003	-2.478e-002	-1.216e-002	-7.622e-002	-4.346e-002	3.331e-002
49	-6.150e-003	-1.215e-003	-5.154e-004	1.049e-002	-9.787e-003	-1.516e-002
50	1.622e-002	5.442e-003	1.455e-002	6.813e-003	2.821e-002	4.738e-002
51	5.988e-004	-1.623e-003	3.374e-003	3.578e-003	-5.469e-003	-1.154e-002
52	-7.876e-003	5.958e-003	4.010e-002	5.252e-002	1.947e-002	4.182e-002
53	3.374e-003	-2.010e-003	2.405e-003	-6.295e-003	-1.150e-003	9.672e-004
54	-1.558e-002	6.396e-003	3.928e-002	-6.016e-002	1.073e-002	-1.311e-002
55	3.644e-004	-2.370e-003	-1.845e-005	9.787e-005	3.168e-003	9.160e-003
56	1.759e-005	6.750e-003	-1.907e-004	-6.724e-002	1.988e-003	-3.940e-002
57	-1.879e-003	-2.028e-003	-2.006e-003	-5.135e-003	4.969e-003	-4.981e-004
58	1.679e-002	6.412e-003	-4.068e-002	-6.256e-002	-8.144e-003	-1.613e-002
59	6.227e-004	-1.660e-003	-2.750e-003	3.130e-003	6.770e-003	-8.805e-003
60	9.582e-003	5.989e-003	-4.167e-002	5.459e-002	-1.828e-002	4.330e-002
61	5.584e-003	-1.270e-003	5.913e-004	9.076e-003	8.571e-003	-1.158e-002
62	-1.607e-002	5.488e-003	-1.447e-002	1.033e-002	-2.841e-002	5.119e-002
63	1.604e-002	-9.215e-004	1.581e-002	1.202e-002	-2.874e-002	9.955e-003
64	2.089e-004	2.458e-002	-1.606e-004	4.678e-003	-7.220e-004	7.616e-003
65	-1.649e-002	-1.627e-003	-1.569e-002	1.175e-002	2.733e-002	1.257e-002
66	-5.145e-003	3.970e-003	-6.524e-005	-1.535e-002	1.223e-002	-1.694e-002
67	6.926e-004	-1.600e-002	5.293e-006	2.522e-002	-1.354e-003	2.427e-002
68	4.208e-003	4.048e-003	1.715e-004	-1.493e-002	-1.200e-002	-1.671e-002
69	-2.818e-002	1.010e-003	2.695e-002	1.718e-002	1.019e-002	3.524e-002
70	-2.343e-002	1.630e-003	1.293e-002	-6.489e-002	2.029e-002	-5.034e-002
71	-2.947e-003	2.304e-003	1.691e-002	-3.325e-002	-2.870e-002	-2.939e-002
72	2.309e-002	1.681e-003	-1.238e-002	-6.490e-002	-1.910e-002	-5.017e-002
73	2.782e-002	1.036e-003	-2.679e-002	1.591e-002	-9.507e-003	3.508e-002
74	-1.309e-004	3.770e-004	-1.269e-004	7.892e-002	9.002e-005	5.704e-002
75	2.445e-003	2.228e-003	-1.675e-002	-3.464e-002	3.040e-002	-2.803e-002
76	1.054e-003	-2.265e-003	4.089e-004	5.500e-002	4.675e-003	-1.881e-002

Vettori modali 46 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
77	1.958e-002	-1.874e-003	5.023e-002	9.299e-002	2.809e-003	-3.505e-002
78	2.140e-002	-1.457e-003	5.562e-002	-7.703e-002	9.431e-004	3.004e-002
79	-1.863e-004	-1.022e-003	3.018e-005	-1.030e-001	-9.228e-004	4.016e-002
80	-2.296e-002	-1.446e-003	-5.521e-002	-7.615e-002	-1.423e-003	3.289e-002
81	-2.143e-002	-1.852e-003	-4.968e-002	9.255e-002	-1.923e-003	-3.707e-002
82	-1.265e-003	-2.233e-003	-2.723e-004	5.419e-002	-2.422e-003	-2.209e-002
83	-6.111e-003	6.050e-003	1.614e-002	-2.384e-003	-4.326e-003	3.035e-002
84	-7.306e-004	-7.082e-003	-3.281e-004	2.691e-004	6.380e-003	2.686e-002
85	9.273e-004	-7.096e-003	3.069e-004	1.636e-003	-4.266e-003	2.939e-002
86	-2.423e-004	1.270e-002	6.301e-005	-3.817e-002	1.316e-004	-2.833e-002
87	6.023e-003	6.084e-003	-1.580e-002	-4.037e-003	7.125e-003	3.281e-002
88	-4.651e-005	-1.401e-002	-7.981e-005	4.895e-002	7.909e-004	-2.225e-002
89	-5.449e-003	-5.626e-003	1.722e-002	6.689e-002	1.368e-002	9.933e-002
90	-8.522e-002	-4.865e-003	7.377e-002	9.210e-002	9.245e-003	1.386e-001
91	-8.745e-002	-4.041e-003	6.742e-002	-1.171e-001	4.813e-003	-1.339e-001
92	5.317e-005	-3.163e-003	9.113e-006	-9.116e-002	3.807e-004	-1.436e-001
93	8.863e-002	-4.022e-003	-6.606e-002	-1.136e-001	-3.653e-003	-1.366e-001
94	8.685e-002	-4.828e-003	-7.173e-002	9.084e-002	-7.686e-003	1.399e-001
95	5.740e-003	-5.572e-003	-1.658e-002	6.386e-002	-1.172e-002	1.023e-001
96	-2.045e-004	3.803e-003	9.865e-004	-6.973e-002	-9.640e-003	7.503e-002
97	-5.959e-002	3.348e-003	-4.844e-002	-8.330e-002	-6.195e-003	1.049e-001
98	-6.356e-002	2.849e-003	-5.043e-002	7.702e-002	-2.750e-003	-9.306e-002
99	-1.708e-004	2.313e-003	1.994e-005	8.238e-002	6.957e-004	-1.093e-001
100	6.290e-002	2.844e-003	5.080e-002	7.781e-002	3.978e-003	-9.249e-002
101	5.911e-002	3.338e-003	4.888e-002	-8.395e-002	7.261e-003	1.035e-001
102	6.447e-004	3.788e-003	-1.177e-003	-7.141e-002	1.054e-002	7.300e-002
103	4.070e-003	-2.149e-002	-1.830e-002	4.402e-002	-8.548e-003	2.308e-002
104	2.070e-003	1.863e-002	-3.485e-003	-7.815e-002	1.933e-002	5.580e-003
105	-7.268e-005	-1.905e-002	-8.870e-005	9.495e-002	6.955e-004	-3.077e-002
106	3.785e-005	2.120e-002	3.594e-006	-7.313e-002	-3.679e-004	-4.784e-002
107	-1.608e-003	1.869e-002	3.288e-003	-7.625e-002	-2.005e-002	6.830e-003
108	-3.657e-003	-2.154e-002	1.910e-002	4.700e-002	8.812e-003	2.132e-002
109	3.884e-003	-2.018e-002	-1.790e-002	6.301e-003	1.287e-002	-6.072e-002
110	-3.000e-005	-2.255e-002	-1.589e-004	8.101e-002	1.244e-004	6.950e-002
111	-2.329e-006	2.387e-002	-6.788e-005	-2.741e-002	-4.181e-004	6.355e-002
112	3.614e-003	1.867e-002	-7.932e-003	-6.966e-002	2.946e-002	-6.874e-002
113	-3.240e-003	1.873e-002	7.983e-003	-6.741e-002	-3.139e-002	-6.827e-002
114	-3.507e-003	-2.022e-002	1.863e-002	9.158e-003	-1.395e-002	-6.162e-002
115	-3.768e-003	-1.172e-004	1.411e-002	-4.460e-002	-3.060e-002	-1.483e-001
116	1.052e-001	-7.440e-005	-1.074e-002	-4.429e-002	-2.050e-002	-1.882e-001
117	1.122e-001	-3.062e-005	-1.818e-002	1.707e-002	-1.040e-002	1.660e-001
118	-2.089e-005	1.356e-005	-1.324e-004	4.327e-002	-3.035e-004	1.913e-001
119	-1.119e-001	-3.343e-005	1.893e-002	1.990e-002	9.346e-003	1.651e-001
120	-1.047e-001	-7.999e-005	1.219e-002	-4.480e-002	1.900e-002	-1.881e-001
121	4.101e-003	-1.255e-004	-1.367e-002	-4.735e-002	2.864e-002	-1.479e-001
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-4.434e-006	-1.426e-006	-1.962e-003	-2.655e-002	7.182e-003	-9.343e-008
124	1.807e-005	-2.078e-005	7.271e-003	8.311e-002	-7.580e-002	-8.734e-007
125	-3.858e-004	-9.362e-005	-9.924e-006	8.206e-003	-1.012e-003	1.778e-007
126	-3.914e-004	-4.911e-005	-1.158e-004	2.913e-002	-2.283e-003	-9.342e-008
127	-3.827e-004	-2.133e-004	-1.904e-004	-8.081e-002	1.765e-003	-7.157e-008
128	-2.386e-009	-1.052e-009	-2.065e-010	-2.238e-002	1.152e-003	7.262e-009
129	-3.924e-009	-2.664e-009	1.867e-010	8.124e-003	-1.190e-003	-1.477e-008
130	-2.055e-005	-6.050e-005	-2.809e-005	-1.311e-002	1.560e-003	-1.367e-008
131	-1.298e-008	8.493e-010	2.762e-010	9.860e-002	-1.929e-003	2.152e-007

Vettori modali 46 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
132	-7.371e-005	-4.138e-005	-1.026e-002	-1.295e-002	-9.765e-003	-4.004e-008
133	2.429e-004	-4.408e-005	3.577e-002	5.243e-002	-1.395e-001	-2.129e-007
134	-1.178e-004	-5.393e-005	-1.045e-002	1.220e-002	-6.228e-002	6.464e-008
135	2.889e-004	-1.387e-004	3.444e-002	-5.770e-002	-2.117e-001	-1.124e-007
136	-3.871e-004	-9.085e-005	7.228e-005	-8.376e-003	1.747e-003	-1.903e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.858e-004	-9.363e-005	-9.924e-006	1.337e-002	1.094e-003	-5.099e-008
139	-3.914e-004	-4.910e-005	-1.158e-004	2.765e-002	-1.009e-004	-9.449e-008
140	-3.827e-004	-2.133e-004	-1.904e-004	-7.874e-002	-2.903e-004	-3.597e-007
141	-4.663e-005	1.247e-004	1.918e-003	-2.462e-002	-7.284e-003	6.028e-008
142	-6.463e-005	-4.405e-004	-7.273e-003	8.115e-002	7.241e-002	-1.004e-006
143	-3.871e-004	-9.085e-005	7.228e-005	-8.277e-003	-4.314e-004	-1.229e-007
144	-5.211e-004	1.815e-005	1.017e-002	1.345e-002	6.072e-002	2.354e-008
145	-9.124e-004	-3.138e-004	-3.475e-002	-5.945e-002	2.151e-001	2.210e-008
146	-2.922e-004	7.415e-005	1.002e-002	-1.400e-002	1.157e-002	-3.496e-008
147	-5.527e-004	-3.644e-004	-3.588e-002	5.496e-002	1.311e-001	-2.171e-007
148	-2.578e-009	1.245e-004	1.594e-010	-2.322e-002	1.973e-004	-3.803e-008
149	-4.215e-009	-1.368e-004	-2.123e-010	7.754e-003	-1.902e-004	5.464e-008
150	1.274e-005	-2.676e-004	2.743e-005	-1.832e-002	-1.867e-004	-5.151e-009
151	1.113e-008	-4.371e-004	-5.100e-010	1.004e-001	5.292e-004	9.394e-008

Vettori modali 47 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.351e-004	2.498e-004	1.848e-004	-6.253e-003	-6.659e-002	2.508e-007
2	-3.452e-004	3.822e-004	3.392e-004	6.568e-003	5.641e-002	4.650e-007
3	3.803e-005	3.250e-004	6.156e-004	1.690e-002	-3.607e-002	-4.682e-008
4	-1.702e-004	4.008e-004	4.571e-004	2.264e-002	3.363e-002	-1.011e-008
5	-5.382e-005	-2.204e-006	2.786e-003	3.545e-002	-8.287e-002	6.625e-004
6	3.025e-005	6.610e-006	2.805e-003	3.562e-002	8.505e-002	-2.821e-004
7	-1.553e-004	-3.346e-005	4.656e-004	-2.238e-002	3.285e-002	-1.752e-008
8	4.177e-005	-1.034e-005	6.122e-004	-1.571e-002	-3.576e-002	2.482e-008
9	-3.206e-004	1.498e-005	2.621e-004	-6.427e-003	5.430e-002	-2.940e-007
10	-1.320e-004	8.203e-005	1.451e-004	5.115e-003	-6.516e-002	-1.185e-007
11	-4.181e-004	1.772e-004	-4.389e-003	-4.518e-004	-3.330e-002	-3.462e-005
12	-3.352e-004	2.202e-004	2.202e-002	-5.639e-004	6.690e-002	-9.555e-006
13	-5.221e-004	1.620e-004	2.144e-002	-8.632e-004	-6.952e-002	-5.220e-007
14	-6.271e-005	4.674e-004	2.695e-003	-3.434e-002	-8.373e-002	-7.441e-004
15	2.697e-005	2.717e-004	2.655e-003	-3.378e-002	8.640e-002	2.547e-004
16	0.000e+000	0.000e+000	0.000e+000	3.451e-002	-4.980e-004	5.989e-004
17	0.000e+000	0.000e+000	0.000e+000	-1.889e-002	-1.421e-005	1.854e-004
18	-2.433e-006	6.501e-005	2.944e-005	-9.965e-004	-1.781e-004	2.155e-004
19	0.000e+000	0.000e+000	0.000e+000	3.478e-002	5.293e-004	-4.101e-004
20	-2.951e-004	5.429e-005	1.694e-002	2.759e-002	-3.857e-002	5.846e-004
21	-1.462e-004	3.944e-005	-8.205e-003	-1.135e-002	-5.320e-003	3.481e-004
22	-4.317e-005	8.531e-005	1.667e-002	2.646e-002	3.934e-002	3.046e-004
23	-4.975e-004	1.240e-004	2.420e-002	8.670e-004	1.417e-002	-8.360e-005
24	-3.165e-004	9.999e-005	-1.027e-002	2.843e-003	-1.824e-004	3.212e-004
25	-2.126e-004	1.420e-004	2.353e-002	7.577e-004	-1.509e-002	6.423e-004
26	-4.155e-004	1.828e-004	-8.281e-003	-2.460e-004	1.595e-003	-1.682e-005
27	-5.075e-004	3.178e-004	2.374e-002	-1.416e-003	1.386e-002	1.002e-004
28	-3.253e-004	2.582e-004	-1.048e-002	-3.078e-003	-6.093e-004	-2.931e-004
29	-2.283e-004	1.748e-004	2.281e-002	-1.648e-003	-1.462e-002	-6.248e-004
30	-3.056e-004	3.962e-004	1.648e-002	-2.704e-002	-3.918e-002	-5.686e-004
31	-1.580e-004	2.992e-004	-8.403e-003	1.160e-002	-5.230e-003	-3.559e-004
32	-5.191e-005	2.146e-004	1.593e-002	-2.563e-002	4.029e-002	-3.213e-004
33	0.000e+000	4.684e-004	0.000e+000	-3.335e-002	-5.027e-004	-7.457e-004

Vettori modali 47 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
34	0.000e+000	3.022e-004	0.000e+000	1.936e-002	-1.550e-005	-2.355e-004
35	-1.357e-006	2.405e-004	3.008e-005	1.944e-003	-1.812e-004	-2.100e-004
36	0.000e+000	2.728e-004	0.000e+000	-3.288e-002	5.383e-004	3.535e-004
37	-3.238e-002	-2.195e-002	2.484e-004	2.993e-002	-2.182e-002	-4.693e-003
38	3.320e-002	-2.478e-002	5.233e-004	3.666e-002	2.233e-002	6.809e-004
39	3.698e-002	4.570e-004	1.890e-002	-4.280e-005	4.448e-002	9.522e-005
40	-4.765e-002	4.609e-004	1.889e-002	-4.537e-005	-6.571e-002	-1.806e-004
41	-3.272e-002	2.236e-002	1.027e-004	-3.020e-002	-2.202e-002	4.358e-003
42	3.372e-002	2.445e-002	3.056e-004	-3.618e-002	2.267e-002	-2.313e-004
43	-1.511e-002	-1.949e-002	-2.293e-003	-3.637e-002	7.832e-002	-1.005e-002
44	1.538e-002	-2.326e-002	-1.766e-003	-4.040e-002	-8.078e-002	1.644e-003
45	2.648e-002	1.931e-004	1.551e-002	9.007e-004	-8.129e-002	2.000e-004
46	-3.899e-002	1.882e-004	1.607e-002	8.849e-004	9.776e-002	-3.606e-004
47	-1.525e-002	1.983e-002	-2.491e-003	3.704e-002	7.919e-002	9.460e-003
48	1.560e-002	2.304e-002	-2.048e-003	3.971e-002	-8.213e-002	-7.173e-004
49	2.254e-002	-1.844e-003	-4.923e-003	-6.769e-004	3.129e-002	-1.566e-002
50	-2.375e-002	-1.819e-003	-4.140e-003	-7.289e-003	-3.385e-002	2.654e-003
51	1.850e-002	-1.274e-003	2.552e-003	2.412e-002	-3.775e-004	3.718e-002
52	-1.440e-002	-1.231e-003	2.005e-003	2.460e-002	5.589e-003	-4.333e-002
53	-7.152e-003	-6.866e-004	1.154e-002	8.574e-003	-3.204e-002	5.512e-002
54	1.081e-002	-6.258e-004	1.201e-002	1.123e-002	4.503e-002	-4.839e-002
55	-2.220e-002	-9.045e-005	1.172e-002	-3.095e-004	-6.371e-002	3.099e-004
56	2.306e-002	-1.267e-005	1.287e-002	-6.669e-004	8.447e-002	-5.495e-004
57	-7.389e-003	5.060e-004	1.083e-002	-1.004e-002	-3.188e-002	-5.494e-002
58	1.125e-002	5.946e-004	1.106e-002	-1.286e-002	4.475e-002	4.801e-002
59	1.840e-002	1.096e-003	1.662e-003	-2.327e-002	-4.710e-005	-3.787e-002
60	-1.418e-002	1.194e-003	9.603e-004	-2.337e-002	5.035e-003	4.453e-002
61	2.284e-002	1.671e-003	-5.173e-003	1.672e-003	3.178e-002	1.481e-002
62	-2.423e-002	1.778e-003	-4.485e-003	7.857e-003	-3.468e-002	-1.227e-003
63	-1.650e-002	-6.854e-003	-6.311e-003	1.226e-002	5.438e-002	7.242e-002
64	3.290e-002	1.655e-004	9.474e-003	-4.825e-005	-4.436e-002	-3.263e-006
65	-1.697e-002	6.803e-003	-6.693e-003	-1.264e-002	5.525e-002	-7.187e-002
66	1.424e-002	-9.084e-003	-7.306e-003	1.328e-002	-5.455e-002	-8.476e-002
67	-2.826e-002	-8.866e-005	7.805e-003	5.884e-005	4.030e-002	1.429e-004
68	1.452e-002	8.962e-003	-7.587e-003	-1.407e-002	-5.511e-002	8.424e-002
69	-3.961e-002	1.751e-004	-1.272e-002	-5.262e-002	-4.142e-002	8.469e-002
70	-4.878e-002	2.807e-004	-2.629e-002	6.941e-003	-1.063e-002	-6.247e-002
71	9.415e-003	-2.183e-004	-8.507e-003	-4.917e-002	1.935e-002	1.458e-001
72	-4.844e-002	-1.243e-004	-2.601e-002	-7.380e-003	-1.117e-002	6.154e-002
73	-3.913e-002	-2.871e-005	-1.270e-002	5.214e-002	-4.170e-002	-8.421e-002
74	-5.100e-003	6.727e-005	5.775e-003	2.973e-004	-7.222e-002	5.710e-004
75	9.509e-003	3.825e-004	-8.922e-003	4.890e-002	2.017e-002	-1.461e-001
76	-1.017e-002	-4.704e-004	-9.709e-003	-5.750e-002	-1.389e-002	-1.574e-001
77	5.191e-002	-2.985e-004	-3.229e-002	-1.456e-002	1.155e-002	-6.536e-002
78	4.155e-002	-1.227e-004	-1.840e-002	6.067e-002	3.700e-002	9.098e-002
79	4.808e-003	5.477e-005	3.582e-003	-8.026e-004	6.244e-002	-3.275e-005
80	4.150e-002	2.315e-004	-1.941e-002	-6.227e-002	3.687e-002	-9.078e-002
81	5.180e-002	4.052e-004	-3.333e-002	1.594e-002	1.131e-002	6.534e-002
82	-1.022e-002	5.736e-004	-1.002e-002	5.799e-002	-1.426e-002	1.572e-001
83	9.424e-003	9.877e-004	-9.333e-003	-9.325e-002	-2.135e-002	1.587e-001
84	-9.206e-003	-9.041e-004	-1.133e-002	9.984e-002	2.754e-002	1.684e-001
85	-9.132e-003	9.680e-004	-1.103e-002	-9.998e-002	2.744e-002	-1.686e-001
86	1.344e-002	1.197e-004	-1.634e-003	-1.061e-004	4.107e-002	-2.781e-004
87	9.602e-003	-8.102e-004	-9.725e-003	9.337e-002	-2.125e-002	-1.580e-001
88	-1.523e-002	-4.018e-005	1.471e-004	4.274e-004	-4.764e-002	9.424e-005

Vettori modali 47 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
89	5.105e-003	8.902e-004	-1.352e-002	-1.581e-001	-3.363e-002	1.665e-001
90	-7.236e-002	5.987e-004	-8.203e-002	-6.639e-002	-1.525e-002	9.733e-002
91	-6.505e-002	2.993e-004	-5.800e-002	1.417e-001	3.131e-003	-1.112e-001
92	-1.738e-002	-4.038e-006	-3.131e-003	-5.564e-004	2.151e-002	-8.991e-004
93	-6.372e-002	-3.210e-004	-5.906e-002	-1.438e-001	2.981e-003	1.089e-001
94	-7.095e-002	-6.337e-004	-8.332e-002	6.766e-002	-1.555e-002	-9.536e-002
95	5.257e-003	-9.381e-004	-1.395e-002	1.591e-001	-3.408e-002	-1.647e-001
96	-4.156e-003	1.128e-003	-1.577e-002	-1.677e-001	3.581e-002	-1.721e-001
97	7.334e-002	7.786e-004	-9.006e-002	-7.381e-002	1.522e-002	-9.295e-002
98	6.332e-002	4.189e-004	-6.451e-002	1.541e-001	-5.374e-003	1.162e-001
99	1.473e-002	5.374e-005	-4.408e-003	4.590e-004	-2.597e-002	-3.405e-004
100	6.350e-002	-3.088e-004	-6.422e-002	-1.539e-001	-5.240e-003	-1.162e-001
101	7.340e-002	-6.674e-004	-8.997e-002	7.297e-002	1.548e-002	9.335e-002
102	-4.191e-003	-1.017e-003	-1.611e-002	1.670e-001	3.621e-002	1.719e-001
103	2.008e-003	7.883e-005	-1.917e-002	1.651e-001	-3.263e-002	-9.950e-002
104	-1.007e-003	1.585e-004	-2.125e-002	1.697e-001	2.970e-002	1.038e-001
105	6.304e-003	-8.169e-005	4.196e-003	8.881e-004	-7.854e-002	-3.148e-004
106	-9.503e-003	1.076e-004	4.848e-003	-8.880e-005	7.474e-002	-1.136e-004
107	-1.024e-003	-2.472e-005	-2.084e-002	-1.707e-001	2.919e-002	-1.046e-001
108	1.919e-003	-4.326e-004	-1.867e-002	-1.645e-001	-3.211e-002	1.004e-001
109	1.900e-004	4.386e-004	-2.508e-002	1.732e-001	-3.008e-002	-4.621e-002
110	2.352e-004	-1.762e-004	1.474e-002	1.060e-003	-4.089e-002	1.331e-004
111	-3.673e-003	5.818e-005	1.494e-002	4.334e-004	3.923e-002	5.099e-004
112	4.640e-004	7.313e-004	-2.634e-002	1.752e-001	2.398e-002	4.686e-002
113	4.144e-004	-7.008e-004	-2.584e-002	-1.765e-001	2.356e-002	-4.818e-002
114	1.309e-004	-8.573e-004	-2.451e-002	-1.737e-001	-2.991e-002	4.594e-002
115	1.826e-004	-5.999e-004	-2.827e-002	-1.881e-001	-3.699e-003	1.950e-004
116	-9.422e-004	-4.394e-004	-9.728e-002	-3.664e-002	-2.613e-003	3.083e-003
117	-1.835e-003	-2.732e-004	-5.093e-002	1.911e-001	-1.528e-003	2.616e-004
118	-1.750e-003	-1.033e-004	1.773e-002	1.022e-003	-4.432e-004	9.923e-004
119	-3.025e-003	6.126e-005	-5.011e-002	-1.904e-001	-1.462e-003	1.523e-003
120	-2.065e-003	2.250e-004	-9.680e-002	3.470e-002	-2.481e-003	-5.086e-003
121	2.382e-004	3.859e-004	-2.883e-002	1.865e-001	-3.500e-003	-1.860e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-5.381e-005	-2.200e-006	2.786e-003	3.770e-002	-1.858e-002	-1.813e-007
124	3.024e-005	6.621e-006	2.805e-003	4.007e-002	1.512e-002	3.872e-008
125	-4.181e-004	1.772e-004	-4.389e-003	-2.288e-003	-4.530e-002	1.838e-007
126	-3.352e-004	2.202e-004	2.202e-002	-8.152e-003	7.458e-002	3.663e-007
127	-5.220e-004	1.620e-004	2.144e-002	-9.853e-003	-6.537e-002	-1.846e-007
128	-5.958e-009	-2.655e-010	6.915e-011	3.191e-002	-4.163e-003	1.046e-007
129	-6.838e-009	1.770e-009	4.982e-011	-2.146e-002	4.122e-003	-1.288e-007
130	-2.434e-006	6.501e-005	2.944e-005	1.421e-002	-4.403e-003	-1.083e-008
131	-5.028e-010	6.745e-011	7.912e-011	3.003e-002	4.537e-003	1.935e-008
132	-2.951e-004	5.429e-005	1.694e-002	2.966e-002	4.507e-002	7.746e-008
133	-4.317e-005	8.532e-005	1.667e-002	2.594e-002	-3.361e-002	4.448e-009
134	-4.975e-004	1.240e-004	2.420e-002	-5.687e-004	9.870e-002	1.644e-007
135	-2.126e-004	1.420e-004	2.353e-002	1.476e-003	-5.977e-002	-2.392e-008
136	-4.155e-004	1.828e-004	-8.281e-003	5.134e-003	1.198e-002	-1.009e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-4.181e-004	1.772e-004	-4.389e-003	3.325e-003	-4.531e-002	-2.135e-007
139	-3.352e-004	2.202e-004	2.202e-002	6.944e-003	7.457e-002	-3.718e-007
140	-5.220e-004	1.620e-004	2.144e-002	7.930e-003	-6.537e-002	2.405e-007
141	-6.270e-005	4.674e-004	2.695e-003	-3.658e-002	-2.008e-002	1.252e-007
142	2.696e-005	2.717e-004	2.655e-003	-3.814e-002	1.747e-002	-9.359e-008
143	-4.155e-004	1.828e-004	-8.281e-003	-5.713e-003	1.199e-002	6.637e-008

Vettori modali 47 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
144	-5.075e-004	3.178e-004	2.374e-002	-7.405e-005	9.838e-002	-1.174e-007
145	-2.283e-004	1.748e-004	2.281e-002	-2.448e-003	-5.366e-002	6.080e-008
146	-3.056e-004	3.962e-004	1.648e-002	-2.901e-002	3.975e-002	-1.178e-007
147	-5.191e-005	2.146e-004	1.593e-002	-2.505e-002	-3.096e-002	-1.223e-008
148	-4.337e-009	4.684e-004	8.586e-011	-3.075e-002	-3.921e-003	-5.724e-008
149	-5.123e-009	3.022e-004	-1.307e-011	2.200e-002	3.889e-003	1.643e-007
150	-1.357e-006	2.405e-004	3.008e-005	-1.540e-002	-4.177e-003	-4.475e-009
151	3.080e-010	2.728e-004	8.655e-012	-2.825e-002	4.326e-003	-1.676e-008

Vettori modali 48 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	2.687e-004	-1.185e-005	-1.077e-004	-2.680e-003	2.586e-002	-1.594e-007
2	2.520e-004	-1.169e-004	-4.460e-005	-5.154e-003	-2.548e-002	-1.973e-007
3	6.168e-005	-2.865e-005	-6.114e-005	-1.402e-003	2.083e-002	-1.646e-007
4	1.159e-004	-1.206e-004	9.289e-005	-7.409e-003	-1.683e-002	6.156e-008
5	-4.949e-005	5.042e-006	-1.164e-003	-1.424e-002	-1.239e-001	4.122e-004
6	8.343e-005	-5.007e-006	-1.174e-003	-1.434e-002	1.230e-001	-9.125e-004
7	1.092e-004	9.546e-006	1.000e-004	7.568e-003	-1.703e-002	-3.622e-008
8	4.753e-005	1.762e-006	-8.328e-005	1.441e-003	2.068e-002	9.937e-008
9	2.400e-004	-2.193e-006	-4.659e-005	5.050e-003	-2.562e-002	1.208e-007
10	2.542e-004	-1.481e-005	-1.015e-004	2.728e-003	2.602e-002	-4.194e-009
11	4.265e-004	-2.201e-005	2.612e-003	6.049e-005	1.006e-002	7.932e-005
12	5.516e-004	-7.075e-005	-4.885e-003	-9.856e-005	-1.429e-002	1.120e-005
13	3.837e-004	5.716e-006	-4.578e-003	2.182e-004	1.703e-002	9.559e-006
14	-4.451e-005	-1.753e-004	-1.187e-003	1.452e-002	-1.235e-001	-3.603e-004
15	9.163e-005	7.225e-005	-1.131e-003	1.382e-002	1.232e-001	9.914e-004
16	0.000e+000	0.000e+000	0.000e+000	-1.470e-002	-7.570e-004	6.560e-004
17	0.000e+000	0.000e+000	0.000e+000	9.004e-003	3.086e-006	-1.614e-004
18	1.388e-005	1.438e-005	3.854e-005	1.056e-003	-2.497e-004	2.620e-004
19	0.000e+000	0.000e+000	0.000e+000	-1.484e-002	7.487e-004	-9.718e-004
20	1.684e-004	6.663e-006	-5.723e-003	-6.657e-003	-9.151e-002	-8.216e-004
21	1.665e-004	-9.640e-006	3.891e-003	5.291e-003	2.657e-003	-3.883e-004
22	2.016e-004	-2.506e-005	-5.650e-003	-6.279e-003	9.168e-002	-8.422e-005
23	4.398e-004	-1.440e-005	-6.456e-003	2.946e-003	-5.290e-002	-3.722e-004
24	3.414e-004	-2.923e-005	4.784e-003	-1.590e-003	3.204e-003	-3.343e-004
25	3.191e-004	-2.078e-005	-6.216e-003	3.124e-003	5.436e-002	-2.546e-004
26	4.491e-004	-3.629e-005	3.730e-003	-1.838e-005	-1.209e-003	3.004e-005
27	4.468e-004	-1.298e-004	-6.553e-003	-3.086e-003	-5.275e-002	3.491e-004
28	3.526e-004	-4.413e-005	4.769e-003	1.573e-003	3.325e-003	2.969e-004
29	3.315e-004	3.872e-005	-6.023e-003	-2.869e-003	5.440e-002	2.255e-004
30	1.804e-004	-1.617e-004	-5.833e-003	6.762e-003	-9.122e-002	8.196e-004
31	1.827e-004	-6.606e-005	3.877e-003	-5.272e-003	2.290e-003	3.811e-004
32	2.185e-004	6.411e-005	-5.444e-003	6.063e-003	9.177e-002	8.018e-005
33	0.000e+000	-1.738e-004	0.000e+000	1.500e-002	-7.538e-004	-5.819e-004
34	0.000e+000	-8.035e-005	0.000e+000	-8.972e-003	1.754e-006	2.940e-004
35	1.039e-005	-5.117e-005	3.875e-005	-1.214e-003	-2.502e-004	-2.225e-005
36	0.000e+000	7.461e-005	0.000e+000	1.430e-002	7.501e-004	1.104e-003
37	-4.808e-002	5.526e-003	-1.804e-003	-3.976e-003	-3.140e-002	-6.693e-003
38	4.778e-002	6.609e-003	-1.890e-003	-6.515e-003	3.125e-002	1.077e-002
39	1.176e-002	-1.781e-004	-4.129e-003	2.650e-004	3.437e-002	-4.778e-005
40	-8.384e-004	3.784e-005	-3.951e-003	-2.113e-004	-1.310e-002	-1.419e-005
41	-4.792e-002	-5.890e-003	-1.834e-003	4.123e-003	-3.131e-002	6.868e-003
42	4.783e-002	-6.321e-003	-1.828e-003	6.380e-003	3.127e-002	-1.067e-002
43	-2.216e-002	3.260e-003	-2.418e-003	1.030e-002	1.147e-001	-1.380e-002
44	2.218e-002	4.667e-003	-2.579e-003	1.192e-002	-1.133e-001	2.246e-002
45	1.677e-002	-1.788e-004	-3.313e-003	-3.028e-004	-2.430e-002	-1.068e-004

Vettori modali 48 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
46	-4.281e-003	1.024e-004	-3.267e-003	3.753e-005	6.919e-003	-3.794e-005
47	-2.210e-002	-3.455e-003	-2.455e-003	-1.102e-002	1.143e-001	1.410e-002
48	2.220e-002	-4.521e-003	-2.498e-003	-1.133e-002	-1.134e-001	-2.233e-002
49	2.948e-002	5.215e-004	-3.024e-003	-7.602e-003	2.899e-002	-2.125e-002
50	-2.840e-002	4.667e-004	-3.261e-003	-5.162e-003	-2.631e-002	3.471e-002
51	3.772e-002	3.696e-004	-9.074e-003	-8.903e-003	-7.067e-003	1.311e-002
52	-4.259e-002	3.045e-004	-8.718e-003	-8.820e-003	2.337e-003	-5.748e-003
53	1.232e-002	2.126e-004	-7.809e-003	1.289e-002	-4.313e-002	7.759e-002
54	-1.676e-002	1.383e-004	-7.755e-003	1.196e-002	3.099e-002	-8.548e-002
55	-1.329e-002	5.282e-005	-2.404e-003	-3.795e-004	-7.919e-002	-1.686e-004
56	1.228e-002	-2.984e-005	-2.497e-003	4.238e-004	5.963e-002	-6.285e-005
57	1.245e-002	-1.050e-004	-8.137e-003	-1.325e-002	-4.320e-002	-7.769e-002
58	-1.671e-002	-1.991e-004	-7.291e-003	-1.130e-002	3.096e-002	8.543e-002
59	3.778e-002	-2.614e-004	-9.331e-003	9.457e-003	-7.220e-003	-1.274e-002
60	-4.256e-002	-3.657e-004	-8.283e-003	8.112e-003	2.291e-003	5.883e-003
61	2.933e-002	-4.142e-004	-3.066e-003	7.558e-003	2.876e-002	2.168e-002
62	-2.845e-002	-5.273e-004	-3.162e-003	5.021e-003	-2.638e-002	-3.456e-002
63	-5.766e-003	3.188e-003	-3.706e-003	-1.694e-003	9.009e-002	-3.938e-002
64	4.107e-002	-5.818e-005	-1.507e-003	-1.828e-004	2.088e-002	2.175e-006
65	-5.805e-003	-3.263e-003	-3.599e-003	1.748e-003	9.020e-002	3.936e-002
66	8.277e-003	3.919e-003	-3.406e-003	-1.760e-003	-8.905e-002	4.605e-002
67	-4.487e-002	6.434e-005	-1.270e-003	2.200e-004	-1.519e-002	-1.370e-005
68	8.149e-003	-3.814e-003	-3.447e-003	1.888e-003	-8.874e-002	-4.595e-002
69	6.599e-002	4.027e-004	2.240e-003	6.650e-003	-1.007e-001	-1.377e-001
70	8.561e-002	8.056e-004	2.793e-003	-6.258e-003	-6.148e-002	7.539e-002
71	2.163e-002	-1.204e-003	-4.120e-003	2.082e-002	-2.237e-002	-1.173e-001
72	8.568e-002	-8.137e-004	2.378e-003	5.813e-003	-6.157e-002	-7.556e-002
73	6.608e-002	-4.125e-004	1.891e-003	-5.969e-003	-1.008e-001	1.378e-001
74	1.062e-002	-5.614e-006	-4.442e-004	1.748e-004	-1.400e-001	7.053e-005
75	2.167e-002	1.198e-003	-4.007e-003	-2.121e-002	-2.223e-002	1.171e-001
76	-2.063e-002	-1.105e-003	-3.758e-003	2.295e-002	1.570e-002	1.168e-001
77	-8.357e-002	-7.500e-004	4.135e-003	7.814e-003	5.889e-002	7.357e-002
78	-6.420e-002	-3.844e-004	3.443e-003	-8.572e-003	1.021e-001	-1.350e-001
79	-1.001e-002	-1.353e-005	-5.947e-005	-1.063e-004	1.453e-001	1.492e-004
80	-6.434e-002	3.540e-004	3.209e-003	8.106e-003	1.022e-001	1.351e-001
81	-8.366e-002	7.167e-004	3.857e-003	-7.491e-003	5.909e-002	-7.387e-002
82	-2.057e-002	1.070e-003	-3.799e-003	-2.256e-002	1.599e-002	-1.170e-001
83	1.218e-002	9.863e-004	-8.023e-003	1.186e-002	-7.345e-002	-3.586e-002
84	-1.241e-002	-1.029e-003	-7.223e-003	-1.324e-002	6.584e-002	-3.729e-002
85	-1.250e-002	9.417e-004	-7.171e-003	1.327e-002	6.578e-002	3.721e-002
86	1.712e-002	-6.188e-008	-1.060e-002	6.540e-005	1.333e-001	6.831e-005
87	1.224e-002	-9.394e-004	-7.902e-003	-1.189e-002	-7.337e-002	3.569e-002
88	-1.604e-002	-1.375e-005	-1.063e-002	-1.000e-004	-1.331e-001	6.605e-006
89	1.847e-003	2.363e-003	-1.579e-002	-2.841e-002	-5.097e-002	2.511e-002
90	-2.972e-002	1.600e-003	-4.747e-002	-5.459e-002	-2.792e-002	6.880e-002
91	-4.207e-002	8.152e-004	-4.509e-002	6.104e-002	-4.880e-003	-2.199e-002
92	-2.670e-002	1.926e-005	-1.761e-002	-3.329e-004	1.816e-002	6.798e-006
93	-4.206e-002	-7.770e-004	-4.538e-002	-6.135e-002	-4.879e-003	2.196e-002
94	-2.970e-002	-1.563e-003	-4.767e-002	5.521e-002	-2.792e-002	-6.885e-002
95	1.913e-003	-2.327e-003	-1.566e-002	2.885e-002	-5.096e-002	-2.526e-002
96	-3.114e-003	2.222e-003	-1.421e-002	-2.539e-002	4.685e-002	-2.300e-002
97	2.794e-002	1.489e-003	-4.418e-002	-5.313e-002	2.481e-002	-6.977e-002
98	4.173e-002	7.350e-004	-4.299e-002	5.554e-002	2.766e-003	1.787e-002
99	2.767e-002	-2.876e-005	-1.746e-002	3.609e-004	-1.928e-002	-4.367e-005
100	4.187e-002	-7.908e-004	-4.258e-002	-5.496e-002	2.726e-003	-1.819e-002

Vettori modali 48 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
101	2.813e-002	-1.542e-003	-4.382e-002	5.240e-002	2.473e-002	6.990e-002
102	-3.022e-003	-2.272e-003	-1.426e-002	2.485e-002	4.674e-002	2.311e-002
103	-1.318e-003	-1.434e-003	-1.944e-002	-4.260e-002	-3.457e-003	1.724e-002
104	1.403e-005	-1.249e-003	-1.781e-002	-4.541e-002	4.416e-003	-1.865e-002
105	1.597e-002	-5.636e-005	-6.316e-004	2.124e-004	-1.762e-001	1.118e-004
106	-1.505e-002	5.240e-005	-8.643e-004	-3.044e-004	1.762e-001	5.745e-005
107	-5.679e-005	1.272e-003	-1.779e-002	4.502e-002	4.634e-003	1.877e-002
108	-1.378e-003	1.439e-003	-1.956e-002	4.299e-002	-3.378e-003	-1.735e-002
109	-6.901e-004	6.723e-004	-1.728e-002	-1.361e-001	2.155e-002	2.715e-002
110	2.642e-003	-3.548e-005	3.347e-002	5.104e-005	-1.814e-001	2.280e-004
111	-1.690e-003	5.377e-005	3.330e-002	-2.291e-004	1.820e-001	1.580e-004
112	-3.993e-004	8.086e-004	-1.619e-002	-1.375e-001	-1.667e-002	-2.809e-002
113	-4.524e-004	-7.527e-004	-1.621e-002	1.374e-001	-1.643e-002	2.809e-002
114	-7.419e-004	-6.710e-004	-1.738e-002	1.364e-001	2.171e-002	-2.730e-002
115	-5.224e-004	-2.339e-003	-1.417e-002	2.449e-001	3.317e-003	9.563e-005
116	-2.606e-004	-1.572e-003	1.240e-001	2.109e-001	2.402e-003	-1.124e-003
117	3.266e-004	-7.835e-004	1.316e-001	-1.643e-001	1.487e-003	-9.805e-004
118	4.884e-004	1.573e-005	5.356e-002	-1.196e-004	5.724e-004	2.986e-004
119	4.809e-005	8.157e-004	1.315e-001	1.642e-001	1.416e-003	1.304e-003
120	-4.752e-004	1.605e-003	1.239e-001	-2.107e-001	2.260e-003	5.939e-004
121	-4.757e-004	2.372e-003	-1.410e-002	-2.447e-001	3.104e-003	-3.596e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-4.948e-005	5.044e-006	-1.164e-003	-1.344e-002	9.917e-003	-2.396e-008
124	8.342e-005	-5.012e-006	-1.174e-003	-1.498e-002	-9.848e-003	2.439e-007
125	4.265e-004	-2.201e-005	2.612e-003	8.596e-004	7.796e-003	-1.244e-007
126	5.516e-004	-7.074e-005	-4.885e-003	9.516e-004	-2.641e-002	-1.598e-008
127	3.837e-004	5.713e-006	-4.578e-003	2.514e-003	2.301e-002	-3.257e-008
128	6.195e-010	2.415e-010	-6.310e-011	-1.563e-002	-4.267e-003	-8.923e-009
129	3.260e-009	2.132e-009	1.203e-010	1.028e-002	4.268e-003	5.924e-008
130	1.389e-005	1.438e-005	3.854e-005	6.609e-006	-4.569e-003	-2.581e-008
131	4.629e-009	-1.665e-009	-1.770e-010	-1.430e-002	4.787e-003	-2.886e-008
132	1.684e-004	6.666e-006	-5.723e-003	-8.270e-003	-7.872e-003	6.784e-009
133	2.016e-004	-2.506e-005	-5.650e-003	-6.307e-003	2.634e-003	1.021e-008
134	4.398e-004	-1.440e-005	-6.456e-003	5.318e-003	-3.532e-002	-1.604e-007
135	3.191e-004	-2.078e-005	-6.216e-003	4.055e-003	8.832e-003	7.415e-009
136	4.491e-004	-3.629e-005	3.730e-003	-2.621e-003	1.788e-003	9.309e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	4.265e-004	-2.201e-005	2.612e-003	-9.540e-004	7.820e-003	5.501e-008
139	5.516e-004	-7.075e-005	-4.885e-003	-1.494e-003	-2.639e-002	3.030e-008
140	3.837e-004	5.719e-006	-4.578e-003	-1.896e-003	2.299e-002	5.428e-008
141	-4.451e-005	-1.753e-004	-1.187e-003	1.404e-002	9.446e-003	9.017e-008
142	9.163e-005	7.225e-005	-1.131e-003	1.431e-002	-1.037e-002	-1.772e-007
143	4.491e-004	-3.629e-005	3.730e-003	2.578e-003	1.771e-003	-3.301e-008
144	4.468e-004	-1.298e-004	-6.553e-003	-5.167e-003	-3.568e-002	1.335e-007
145	3.315e-004	3.872e-005	-6.023e-003	-3.893e-003	7.863e-003	-2.733e-008
146	1.804e-004	-1.617e-004	-5.833e-003	8.069e-003	-8.636e-003	-4.376e-009
147	2.185e-004	6.411e-005	-5.444e-003	6.201e-003	1.653e-003	-1.391e-008
148	-6.419e-010	-1.738e-004	-1.177e-010	1.559e-002	-4.153e-003	-1.361e-009
149	1.659e-009	-8.035e-005	1.079e-010	-1.024e-002	4.147e-003	-8.088e-008
150	1.040e-005	-5.117e-005	3.875e-005	-2.588e-004	-4.457e-003	3.666e-008
151	3.274e-009	7.461e-005	-8.742e-011	1.395e-002	4.661e-003	2.066e-008

Vettori modali 49 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-5.610e-003	-8.100e-004	2.890e-004	-1.868e-002	1.351e-002	-2.376e-006
2	-3.363e-003	9.180e-004	-1.254e-003	7.447e-003	4.422e-003	-1.164e-006

Vettori modali 49 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
3	-1.825e-003	-8.477e-004	7.143e-004	1.611e-002	2.903e-002	-8.485e-007
4	-1.333e-003	7.410e-004	6.638e-004	1.018e-002	1.478e-002	4.458e-007
5	-1.728e-004	-8.967e-005	-6.342e-003	-7.803e-002	5.861e-002	2.540e-003
6	-1.912e-004	7.536e-005	7.380e-003	9.043e-002	1.848e-002	2.770e-003
7	-1.022e-003	6.960e-005	-6.913e-004	2.125e-002	-7.146e-003	-4.340e-007
8	-1.444e-003	-9.105e-005	-2.064e-004	-1.855e-002	9.958e-003	3.035e-007
9	-2.791e-003	2.590e-005	3.974e-004	5.220e-004	-4.127e-002	1.041e-006
10	-5.073e-003	-9.741e-005	-1.359e-003	1.434e-002	-1.733e-002	3.550e-006
11	-7.369e-003	-2.991e-004	-2.160e-003	-2.908e-002	1.075e-002	-1.621e-003
12	-7.517e-003	7.417e-004	1.136e-003	7.432e-002	-2.127e-002	4.783e-004
13	-7.532e-003	-8.606e-004	-2.062e-003	-8.304e-002	-1.600e-002	7.443e-004
14	-5.352e-004	2.132e-003	6.518e-003	-8.009e-002	-6.080e-002	-7.037e-003
15	-4.814e-004	-2.338e-003	-7.828e-003	9.592e-002	-1.991e-002	-6.216e-003
16	0.000e+000	0.000e+000	0.000e+000	-7.989e-002	4.286e-004	1.691e-003
17	0.000e+000	0.000e+000	0.000e+000	3.717e-003	-1.436e-004	1.507e-003
18	-1.366e-004	4.977e-005	2.430e-005	3.353e-002	-6.080e-005	-6.593e-004
19	0.000e+000	0.000e+000	0.000e+000	9.314e-002	1.833e-004	1.902e-003
20	-2.404e-003	-2.637e-004	-3.175e-002	-3.566e-002	3.498e-002	6.231e-003
21	-2.818e-003	-5.798e-006	1.584e-003	2.077e-003	1.766e-002	6.863e-003
22	-2.312e-003	2.048e-004	3.595e-002	3.824e-002	8.278e-003	5.850e-003
23	-5.294e-003	2.163e-005	-3.065e-002	3.966e-002	6.859e-003	5.992e-003
24	-5.694e-003	-1.593e-006	1.789e-003	-1.253e-003	3.254e-002	5.207e-003
25	-5.158e-003	-1.071e-004	3.369e-002	-4.582e-002	-3.861e-003	6.182e-003
26	-7.341e-003	-4.723e-005	7.508e-004	-2.103e-003	1.286e-002	-5.532e-004
27	-6.182e-003	1.484e-003	3.288e-002	3.889e-002	-3.519e-002	-4.209e-003
28	-5.972e-003	-1.001e-004	4.713e-005	-7.897e-004	-2.049e-002	-4.387e-003
29	-6.476e-003	-1.642e-003	-3.798e-002	-4.514e-002	-1.738e-002	-4.573e-003
30	-3.681e-003	1.952e-003	3.305e-002	-3.837e-002	-4.911e-002	-6.658e-003
31	-3.170e-003	-8.769e-005	-1.265e-004	5.173e-005	-2.096e-002	-6.928e-003
32	-3.415e-003	-2.122e-003	-3.879e-002	4.323e-002	-1.875e-002	-7.154e-003
33	0.000e+000	2.128e-003	0.000e+000	-8.216e-002	-4.382e-004	-6.151e-003
34	0.000e+000	-1.195e-004	0.000e+000	3.617e-004	1.360e-004	-3.734e-003
35	-6.147e-005	-8.287e-004	-2.232e-005	3.318e-002	5.652e-005	-2.480e-003
36	0.000e+000	-2.336e-003	0.000e+000	9.881e-002	-1.807e-004	-5.581e-003
37	2.225e-002	2.970e-002	-8.034e-003	-1.992e-002	1.292e-002	-5.103e-002
38	6.805e-003	-3.543e-002	1.053e-002	2.532e-002	3.576e-003	-3.734e-002
39	-8.597e-002	-9.595e-003	1.570e-003	-2.259e-002	-1.668e-001	1.605e-002
40	-8.320e-002	7.612e-003	-2.430e-003	3.247e-002	-1.636e-001	6.550e-003
41	-2.393e-002	2.346e-002	8.488e-003	3.190e-003	-1.448e-002	8.953e-003
42	-8.165e-003	-3.140e-002	-1.114e-002	4.655e-003	-4.930e-003	2.127e-002
43	7.448e-003	1.572e-002	-9.607e-003	6.128e-002	-6.381e-002	-1.046e-001
44	1.394e-003	-1.938e-002	1.352e-002	-7.312e-002	-2.312e-002	-7.745e-002
45	-9.783e-002	7.287e-003	1.981e-003	-2.386e-002	1.377e-001	3.162e-002
46	-9.582e-002	-1.208e-002	-2.763e-003	2.156e-002	1.322e-001	1.236e-002
47	-1.056e-002	4.338e-003	1.033e-002	5.388e-002	5.755e-002	2.494e-002
48	-4.262e-003	-9.722e-003	-1.429e-002	-6.951e-002	1.658e-002	4.876e-002
49	-2.780e-002	-4.679e-003	-1.110e-002	-2.221e-002	-5.170e-002	-1.608e-001
50	-1.332e-002	6.263e-003	1.645e-002	2.132e-002	-2.915e-002	-1.195e-001
51	4.807e-002	-4.902e-003	-4.720e-002	-7.068e-002	1.582e-002	-1.093e-001
52	4.196e-002	6.432e-003	5.905e-002	8.438e-002	3.039e-002	-7.370e-002
53	5.413e-002	-5.058e-003	-4.742e-002	7.479e-002	8.334e-002	7.857e-002
54	4.124e-002	6.514e-003	5.833e-002	-9.338e-002	8.994e-002	6.856e-002
55	8.154e-003	-5.146e-003	2.380e-003	8.577e-002	1.509e-001	4.796e-002
56	7.413e-003	6.507e-003	-3.068e-003	-1.045e-001	1.495e-001	1.844e-002
57	1.642e-002	-5.296e-003	6.149e-002	9.569e-002	1.053e-001	-4.858e-002

Vettori modali 49 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
58	2.609e-002	6.697e-003	-7.447e-002	-1.151e-001	9.740e-002	-5.515e-002
59	3.064e-002	-5.375e-003	6.197e-002	-9.086e-002	5.967e-002	3.804e-003
60	3.394e-002	6.795e-003	-7.520e-002	1.080e-001	4.532e-002	3.403e-002
61	1.510e-002	-5.380e-003	1.210e-002	-4.531e-002	1.408e-002	4.171e-002
62	1.080e-003	6.801e-003	-1.736e-002	4.527e-002	-6.757e-003	7.758e-002
63	-2.418e-002	5.460e-003	1.789e-002	-3.696e-003	2.876e-003	-3.561e-002
64	2.866e-002	8.504e-003	-3.020e-003	5.565e-002	-4.310e-002	-4.592e-003
65	-1.215e-002	3.667e-003	-1.872e-002	-1.050e-002	-3.022e-002	4.181e-002
66	-3.691e-002	-7.454e-004	-1.153e-002	-8.911e-004	3.112e-002	-4.945e-002
67	2.816e-002	-8.815e-003	2.461e-003	-4.165e-002	-4.729e-002	7.126e-003
68	-8.988e-004	1.367e-004	1.259e-002	6.751e-003	-5.939e-002	2.040e-002
69	-4.828e-003	-2.088e-003	-6.492e-002	-1.142e-001	-1.528e-002	2.010e-002
70	-1.358e-002	-2.390e-003	-7.236e-002	8.612e-002	5.092e-003	9.805e-003
71	-2.961e-003	-1.580e-003	1.915e-002	4.108e-002	7.501e-002	5.259e-002
72	-3.711e-002	-1.662e-003	6.070e-002	6.713e-002	3.813e-002	5.195e-002
73	-3.483e-002	-1.722e-003	5.217e-002	-1.003e-001	1.243e-003	-5.843e-002
74	-3.893e-003	-1.758e-003	-2.926e-003	-6.930e-002	-3.564e-002	-2.881e-002
75	-1.485e-002	-2.659e-003	-1.988e-002	5.519e-002	2.546e-002	4.205e-003
76	1.008e-003	2.020e-003	-1.182e-002	-1.636e-002	9.653e-002	6.761e-002
77	-4.069e-002	1.906e-003	-3.296e-002	-3.564e-002	5.381e-002	6.427e-002
78	-4.016e-002	1.765e-003	-2.827e-002	5.464e-002	1.109e-002	-6.376e-002
79	-4.946e-003	1.601e-003	2.510e-003	4.191e-002	-3.162e-002	-3.580e-002
80	-8.898e-003	2.168e-003	4.177e-002	7.322e-002	-1.800e-002	3.214e-002
81	-2.098e-002	2.705e-003	4.665e-002	-5.504e-002	-4.385e-003	8.839e-003
82	-1.923e-002	3.205e-003	1.291e-002	-3.595e-002	9.234e-003	-1.999e-003
83	1.117e-002	-6.260e-003	2.491e-002	-1.756e-002	7.781e-002	2.772e-002
84	-1.338e-002	5.830e-003	1.028e-002	1.433e-002	5.275e-002	1.229e-002
85	1.697e-002	5.241e-003	-1.824e-002	2.409e-002	7.640e-002	3.794e-002
86	-6.268e-003	-3.781e-003	3.034e-003	-1.071e-002	1.114e-002	-2.536e-002
87	-8.134e-003	-6.907e-003	-1.709e-002	-1.504e-002	4.689e-002	1.561e-002
88	-6.232e-003	4.199e-003	-3.781e-003	1.509e-002	5.299e-003	-1.498e-002
89	2.035e-002	-2.410e-003	3.176e-002	-6.500e-002	3.749e-002	1.869e-002
90	1.101e-002	-2.243e-003	-9.807e-003	-8.536e-002	3.103e-002	2.554e-002
91	-2.287e-003	-2.045e-003	-3.049e-002	1.188e-002	2.456e-002	2.264e-002
92	-4.113e-003	-1.819e-003	-2.076e-003	8.683e-002	1.810e-002	-2.028e-002
93	1.081e-002	-1.730e-003	4.967e-002	7.649e-002	2.447e-002	-2.765e-002
94	1.367e-002	-1.618e-003	4.517e-002	-9.335e-002	3.084e-002	1.817e-002
95	-1.382e-003	-1.483e-003	-1.192e-002	-9.346e-002	3.721e-002	3.223e-002
96	2.464e-002	1.330e-003	-2.370e-002	6.800e-002	1.914e-002	1.464e-002
97	2.217e-002	1.398e-003	2.236e-002	8.958e-002	1.914e-002	1.325e-002
98	7.690e-003	1.448e-003	3.827e-002	-3.356e-002	1.914e-002	3.978e-002
99	-3.529e-003	1.477e-003	9.561e-004	-9.099e-002	1.915e-002	-9.446e-003
100	8.888e-004	1.069e-003	-5.876e-002	-9.438e-002	3.099e-002	-7.005e-003
101	1.491e-003	6.467e-004	-5.719e-002	9.995e-002	4.284e-002	5.647e-003
102	-4.764e-003	2.153e-004	3.552e-003	8.950e-002	5.468e-002	2.025e-002
103	1.662e-003	4.602e-003	-8.158e-003	-8.100e-002	1.508e-002	2.378e-002
104	4.413e-004	-6.107e-003	-2.962e-003	5.926e-002	3.260e-002	1.336e-002
105	-2.007e-003	8.502e-003	-8.557e-004	-6.120e-002	5.796e-003	-1.610e-002
106	-2.426e-003	-7.807e-003	9.727e-005	7.193e-002	1.069e-002	-2.405e-002
107	2.317e-002	-3.464e-003	-2.157e-002	4.601e-002	-4.474e-002	1.080e-002
108	2.144e-002	2.143e-003	3.298e-002	-5.333e-002	-2.097e-002	1.331e-002
109	2.286e-003	5.408e-003	-6.906e-003	-6.004e-002	1.324e-003	2.776e-002
110	-1.917e-003	7.583e-003	-8.001e-004	-2.225e-002	-5.101e-003	-3.027e-002
111	-1.950e-003	-7.185e-003	1.192e-003	4.997e-002	1.698e-003	-3.485e-002
112	2.114e-003	-6.094e-003	-6.576e-003	1.718e-002	1.027e-002	2.107e-002

Vettori modali 49 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
113	1.827e-002	-3.686e-003	-9.498e-003	1.756e-002	-8.783e-002	1.424e-002
114	1.804e-002	2.994e-003	2.455e-002	-3.623e-002	-7.195e-002	1.545e-002
115	1.594e-002	-8.935e-005	8.304e-003	-1.533e-002	-9.527e-002	2.526e-002
116	-5.039e-003	-7.517e-005	-1.058e-003	-1.941e-002	-6.615e-002	4.801e-002
117	-1.773e-002	-5.998e-005	-6.099e-003	1.697e-003	-3.703e-002	-3.931e-003
118	-2.002e-003	-4.396e-005	6.037e-004	2.316e-002	-7.912e-003	-5.154e-002
119	3.292e-002	-2.734e-005	1.394e-002	1.804e-002	-5.784e-003	-5.769e-002
120	3.434e-002	-1.035e-005	1.097e-002	-2.957e-002	-3.656e-003	5.193e-002
121	2.334e-003	6.776e-006	-7.121e-003	-3.320e-002	-1.528e-003	4.383e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.728e-004	-8.974e-005	-6.342e-003	-1.033e-001	-3.875e-002	-2.373e-006
124	-1.912e-004	7.543e-005	7.380e-003	1.052e-001	-8.200e-002	-2.153e-006
125	-7.369e-003	-2.991e-004	-2.160e-003	-1.491e-002	4.567e-003	2.739e-006
126	-7.517e-003	7.417e-004	1.136e-003	1.056e-001	-1.909e-002	-1.812e-007
127	-7.532e-003	-8.605e-004	-2.062e-003	-1.037e-001	-4.855e-003	3.811e-007
128	-6.867e-008	-8.944e-009	-8.736e-010	-5.515e-002	1.747e-002	9.358e-007
129	-9.185e-008	-3.962e-009	-6.836e-011	4.242e-003	-1.787e-002	-7.386e-007
130	-1.366e-004	4.977e-005	2.430e-005	2.089e-002	1.744e-002	2.304e-007
131	-4.655e-008	9.996e-009	1.046e-009	7.899e-002	-1.791e-002	6.361e-007
132	-2.404e-003	-2.638e-004	-3.175e-002	-1.730e-002	-1.482e-001	-1.428e-007
133	-2.312e-003	2.048e-004	3.595e-002	3.047e-002	-1.723e-001	-1.114e-007
134	-5.294e-003	2.156e-005	-3.065e-002	2.172e-002	-1.252e-001	9.669e-007
135	-5.158e-003	-1.070e-004	3.369e-002	-3.954e-002	-1.788e-001	-4.818e-007
136	-7.341e-003	-4.725e-005	7.508e-004	-2.944e-003	2.034e-002	-1.641e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-7.369e-003	-2.991e-004	-2.160e-003	2.965e-002	3.647e-003	-1.599e-006
139	-7.517e-003	7.418e-004	1.136e-003	7.160e-002	-1.991e-002	-3.445e-007
140	-7.532e-003	-8.607e-004	-2.062e-003	-7.005e-002	-3.951e-003	-1.024e-006
141	-5.352e-004	2.132e-003	6.518e-003	-7.207e-002	2.697e-002	8.016e-007
142	-4.815e-004	-2.338e-003	-7.828e-003	7.739e-002	5.053e-002	-3.926e-008
143	-7.341e-003	-4.722e-005	7.508e-004	-1.975e-003	2.109e-002	2.189e-007
144	-6.182e-003	1.484e-003	3.288e-002	5.521e-002	1.143e-001	-1.229e-007
145	-6.476e-003	-1.642e-003	-3.798e-002	-7.340e-002	2.173e-001	9.001e-007
146	-3.681e-003	1.952e-003	3.305e-002	-5.447e-002	1.999e-001	-3.011e-007
147	-3.415e-003	-2.122e-003	-3.879e-002	7.016e-002	1.075e-001	-2.039e-007
148	-3.855e-008	2.128e-003	7.735e-010	-9.041e-002	1.309e-003	-3.757e-007
149	-6.864e-008	-1.195e-004	1.041e-010	4.240e-004	-1.550e-003	9.777e-007
150	-6.150e-005	-8.287e-004	-2.232e-005	-2.616e-002	1.534e-003	-2.055e-007
151	-1.591e-008	-2.336e-003	-5.329e-010	1.179e-001	-1.715e-003	-3.031e-007

Vettori modali 50 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	6.956e-003	8.234e-004	1.244e-003	2.040e-002	1.450e-002	3.538e-006
2	3.995e-003	-1.067e-003	-8.927e-005	-3.292e-003	4.483e-002	1.361e-006
3	2.151e-003	8.233e-004	3.319e-004	-2.321e-002	-1.454e-002	4.415e-007
4	1.542e-003	-7.966e-004	3.318e-004	2.169e-002	5.540e-003	-4.862e-007
5	4.800e-004	1.307e-004	-4.972e-003	-6.106e-002	4.444e-002	-6.754e-003
6	4.332e-004	-1.330e-004	6.000e-003	7.351e-002	1.435e-002	-6.056e-003
7	1.482e-003	1.002e-004	-2.363e-004	8.696e-003	-1.546e-002	5.669e-007
8	2.050e-003	3.438e-005	-1.141e-003	1.753e-002	-3.444e-002	-1.009e-006
9	3.961e-003	7.529e-005	1.232e-003	4.260e-003	2.665e-003	-1.560e-006
10	6.935e-003	2.201e-005	1.406e-004	-1.770e-002	-1.066e-002	-4.491e-006
11	9.634e-003	2.701e-004	3.008e-003	-2.213e-002	-1.480e-002	1.211e-003
12	9.842e-003	-7.091e-004	-1.571e-003	5.680e-002	2.945e-002	8.735e-004
13	9.869e-003	6.898e-004	2.806e-003	-6.286e-002	2.236e-002	9.050e-004
14	4.158e-004	-2.578e-003	4.689e-003	-5.771e-002	-4.235e-002	5.411e-003

Vettori modali 50 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
15	4.227e-004	2.565e-003	-5.341e-003	6.544e-002	-1.132e-002	5.441e-003
16	0.000e+000	0.000e+000	0.000e+000	-6.269e-002	3.121e-004	-4.952e-003
17	0.000e+000	0.000e+000	0.000e+000	-5.813e-004	-8.290e-005	-1.833e-003
18	1.507e-004	-7.549e-005	1.304e-005	2.486e-002	-3.378e-005	1.101e-003
19	0.000e+000	0.000e+000	0.000e+000	7.574e-002	1.170e-004	-4.394e-003
20	4.202e-003	4.087e-004	-2.542e-002	-3.011e-002	4.001e-002	-8.686e-003
21	3.727e-003	-3.310e-006	-2.733e-004	-4.630e-004	2.568e-002	-9.122e-003
22	3.930e-003	-3.886e-004	2.999e-002	3.418e-002	1.672e-002	-9.050e-003
23	7.693e-003	1.521e-004	-2.569e-002	2.911e-002	3.473e-002	-6.507e-003
24	7.498e-003	-3.761e-005	-5.087e-004	-5.309e-004	1.196e-002	-6.668e-003
25	7.929e-003	-1.701e-004	2.993e-002	-3.361e-002	1.954e-002	-6.872e-003
26	9.594e-003	1.153e-005	-1.012e-003	-1.769e-003	-1.781e-002	5.869e-004
27	7.243e-003	-1.709e-003	2.252e-002	2.995e-002	4.166e-003	7.016e-003
28	7.673e-003	4.654e-005	-1.971e-003	-1.170e-003	-2.841e-002	6.023e-003
29	7.237e-003	1.692e-003	-2.398e-002	-3.425e-002	1.050e-002	7.316e-003
30	3.663e-003	-2.367e-003	2.348e-002	-2.631e-002	-2.111e-002	8.135e-003
31	4.010e-003	1.431e-005	-1.700e-003	2.271e-003	-1.873e-002	8.826e-003
32	3.515e-003	2.346e-003	-2.595e-002	2.733e-002	-1.357e-003	7.951e-003
33	0.000e+000	-2.569e-003	0.000e+000	-5.905e-002	-3.054e-004	4.895e-003
34	0.000e+000	1.706e-005	0.000e+000	3.964e-003	9.504e-005	4.713e-003
35	1.127e-004	8.587e-004	-1.571e-005	2.512e-002	3.804e-005	3.024e-003
36	0.000e+000	2.563e-003	0.000e+000	6.742e-002	-1.153e-004	5.023e-003
37	1.765e-002	1.268e-002	-6.522e-003	1.013e-002	1.108e-002	2.737e-002
38	6.044e-003	-1.917e-002	8.511e-003	-2.851e-003	4.067e-003	3.621e-002
39	1.188e-001	-1.188e-002	-2.164e-003	-1.049e-002	2.321e-001	1.195e-002
40	1.150e-001	1.035e-002	3.307e-003	1.792e-002	2.275e-001	4.683e-003
41	-1.576e-002	2.059e-002	5.845e-003	-1.931e-002	-9.050e-003	-5.646e-002
42	-3.817e-003	-2.377e-002	-7.631e-003	2.172e-002	-1.838e-003	-4.575e-002
43	8.627e-003	-1.806e-003	-7.977e-003	3.233e-002	-3.907e-002	6.150e-002
44	3.981e-003	-2.967e-003	1.090e-002	-4.483e-002	-8.984e-003	7.848e-002
45	1.357e-001	1.137e-003	-2.725e-003	-2.609e-002	-1.904e-001	2.303e-002
46	1.328e-001	-4.739e-003	3.759e-003	2.428e-002	-1.826e-001	8.460e-003
47	-4.471e-003	1.273e-002	6.916e-003	4.161e-002	4.876e-002	-1.183e-001
48	1.837e-004	-1.445e-002	-9.808e-003	-4.857e-002	1.721e-002	-9.694e-002
49	-6.588e-003	-3.218e-003	-9.375e-003	-4.226e-002	2.297e-003	9.729e-002
50	3.613e-003	4.163e-003	1.323e-002	4.156e-002	1.721e-002	1.228e-001
51	-4.810e-002	-3.145e-003	-4.973e-002	-7.028e-002	-6.837e-002	4.020e-002
52	-5.001e-002	4.105e-003	5.946e-002	8.339e-002	-5.761e-002	6.124e-002
53	-3.514e-002	-3.029e-003	-4.829e-002	7.670e-002	-1.390e-001	-7.713e-002
54	-4.153e-002	3.991e-003	5.812e-002	-9.056e-002	-1.324e-001	-8.162e-002
55	-1.123e-002	-2.871e-003	-3.270e-003	5.794e-002	-2.097e-001	3.464e-002
56	-1.012e-002	3.822e-003	4.174e-003	-7.156e-002	-2.073e-001	1.242e-002
57	-6.235e-002	-2.714e-003	2.947e-002	4.934e-002	-1.232e-001	9.872e-002
58	-5.177e-002	3.758e-003	-3.708e-002	-6.333e-002	-1.274e-001	9.076e-002
59	-6.063e-002	-2.520e-003	3.017e-002	-4.331e-002	-3.660e-002	-1.164e-001
60	-5.549e-002	3.643e-003	-3.879e-002	5.257e-002	-4.757e-002	-8.788e-002
61	2.444e-002	-2.292e-003	7.928e-003	-1.266e-002	4.997e-002	-1.832e-001
62	1.313e-002	3.478e-003	-1.194e-002	1.241e-002	3.228e-002	-1.506e-001
63	2.114e-002	1.166e-003	1.424e-002	-1.114e-002	3.035e-002	5.594e-002
64	-3.967e-002	4.724e-003	4.126e-003	3.856e-002	5.940e-002	-3.646e-003
65	2.915e-002	2.851e-003	-1.305e-002	-2.030e-003	8.172e-003	-5.067e-002
66	1.320e-002	1.625e-003	-9.771e-003	8.427e-003	5.198e-002	3.788e-002
67	-3.933e-002	-5.119e-003	-3.388e-003	-2.818e-002	6.503e-002	5.187e-003
68	3.923e-002	8.508e-004	8.237e-003	-1.952e-003	-1.364e-002	-5.919e-002
69	3.836e-002	-1.152e-003	-3.389e-002	-6.739e-002	3.694e-003	-6.890e-002

Vettori modali 50 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
70	4.390e-002	-9.798e-004	-3.999e-002	4.288e-002	-4.176e-002	5.140e-002
71	1.661e-002	-2.230e-003	1.510e-002	4.293e-002	-5.211e-002	-1.436e-002
72	2.716e-002	-1.948e-003	5.685e-002	6.975e-002	-1.836e-002	-7.452e-003
73	1.701e-002	-1.640e-003	5.200e-002	-8.809e-002	1.539e-002	4.167e-002
74	5.283e-003	-1.308e-003	4.016e-003	-5.225e-002	4.915e-002	-2.054e-002
75	8.211e-003	-7.942e-004	-1.403e-002	2.174e-002	-8.721e-002	5.441e-002
76	1.991e-002	2.720e-003	-1.005e-002	-2.946e-002	-4.140e-002	-2.458e-002
77	3.550e-002	2.251e-003	-3.780e-002	-4.586e-002	-1.268e-002	-1.174e-002
78	2.251e-002	1.751e-003	-3.447e-002	5.809e-002	1.605e-002	5.508e-002
79	6.662e-003	1.227e-003	-3.463e-003	3.115e-002	4.478e-002	-2.578e-002
80	4.469e-002	1.212e-003	1.549e-002	3.154e-002	-5.101e-003	-7.696e-002
81	4.918e-002	1.181e-003	1.841e-002	-1.866e-002	-5.498e-002	6.413e-002
82	5.128e-003	1.133e-003	8.443e-003	-1.584e-003	-1.049e-001	7.119e-002
83	4.819e-003	-4.709e-003	1.025e-002	-1.219e-002	-7.514e-002	6.791e-003
84	-1.361e-002	3.037e-003	1.608e-002	2.359e-002	-9.775e-002	3.640e-002
85	8.523e-003	3.893e-003	-5.184e-003	9.711e-003	-8.045e-002	5.770e-004
86	8.692e-003	-2.937e-003	-4.270e-003	-5.972e-003	-1.431e-002	-1.946e-002
87	-8.932e-003	-3.773e-003	-2.106e-002	-1.652e-002	-9.810e-002	2.489e-002
88	8.495e-003	3.318e-003	5.195e-003	9.258e-003	-7.356e-003	-1.140e-002
89	-5.321e-003	-1.305e-004	2.559e-003	-7.695e-002	-5.143e-002	2.946e-002
90	-1.951e-002	-2.919e-004	-4.302e-002	-6.832e-002	-4.251e-002	1.321e-002
91	-1.217e-002	-4.492e-004	-4.092e-002	7.470e-002	-3.359e-002	-3.889e-002
92	5.585e-003	-6.004e-004	2.859e-003	6.033e-002	-2.467e-002	-1.671e-002
93	2.113e-004	-8.804e-004	1.435e-002	-1.469e-002	-3.392e-002	3.045e-002
94	-1.464e-002	-1.148e-003	-5.922e-003	-5.722e-002	-4.317e-002	2.308e-002
95	-2.095e-002	-1.401e-003	-3.007e-002	-3.795e-002	-5.243e-002	1.134e-002
96	-3.057e-003	-8.575e-004	3.684e-003	7.169e-002	-6.401e-002	1.797e-002
97	-9.901e-003	-4.552e-004	5.150e-002	7.353e-002	-5.144e-002	3.378e-003
98	-4.510e-003	-4.675e-005	4.776e-002	-8.649e-002	-3.887e-002	-2.226e-002
99	5.013e-003	3.624e-004	-1.476e-003	-6.335e-002	-2.630e-002	-8.858e-003
100	-6.861e-003	4.623e-004	-2.010e-002	-3.186e-003	-3.014e-002	4.202e-002
101	-2.243e-002	5.559e-004	-4.005e-003	6.007e-002	-3.398e-002	1.469e-002
102	-2.449e-002	6.419e-004	2.403e-002	4.262e-002	-3.782e-002	1.096e-002
103	-2.314e-002	1.069e-003	-3.265e-002	-2.971e-002	1.718e-002	8.402e-003
104	-2.461e-002	-2.019e-003	2.384e-002	2.841e-002	3.714e-002	8.704e-003
105	2.868e-003	5.115e-003	1.089e-003	-4.232e-002	-8.841e-003	-1.066e-002
106	3.314e-003	-4.618e-003	-5.811e-005	5.047e-002	-1.408e-002	-1.648e-002
107	-8.109e-003	-5.658e-003	9.918e-003	4.685e-002	-2.047e-002	1.215e-002
108	-8.879e-003	4.478e-003	-1.810e-003	-6.715e-002	-9.164e-003	2.233e-002
109	-1.974e-002	1.408e-003	-2.408e-002	-1.911e-002	7.631e-002	8.442e-003
110	2.673e-003	4.718e-003	1.191e-003	-1.474e-002	6.001e-003	-1.859e-002
111	2.701e-003	-4.464e-003	-1.453e-003	3.564e-002	-1.812e-003	-2.199e-002
112	-1.993e-002	-1.956e-003	1.215e-002	1.155e-002	9.032e-002	8.889e-003
113	-8.335e-003	-5.301e-003	9.957e-003	1.214e-002	1.671e-002	1.854e-002
114	-8.450e-003	4.752e-003	-4.354e-004	-5.058e-002	2.150e-002	2.514e-002
115	-7.829e-003	3.264e-006	4.937e-003	-2.945e-002	3.166e-002	3.734e-002
116	-3.315e-002	-1.765e-005	-1.080e-002	-2.454e-002	2.465e-002	3.530e-002
117	-2.691e-002	-3.832e-005	-1.237e-002	1.793e-002	1.764e-002	-5.760e-002
118	2.774e-003	-5.846e-005	-6.064e-004	1.743e-002	1.063e-002	-3.259e-002
119	5.763e-003	-7.690e-005	2.707e-003	-3.113e-003	4.115e-002	1.712e-002
120	-7.576e-003	-9.428e-005	-1.767e-003	-1.233e-002	7.166e-002	2.972e-002
121	-1.752e-002	-1.104e-004	-6.667e-003	-6.964e-003	1.022e-001	1.153e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	4.800e-004	1.308e-004	-4.972e-003	-3.808e-002	-1.312e-002	2.694e-006
124	4.332e-004	-1.331e-004	6.000e-003	4.756e-002	-2.656e-002	1.738e-006

Vettori modali 50 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
125	9.634e-003	2.701e-004	3.008e-003	3.003e-002	-6.401e-003	-3.382e-006
126	9.842e-003	-7.090e-004	-1.571e-003	3.762e-002	2.614e-002	2.050e-008
127	9.869e-003	6.897e-004	2.806e-003	-4.094e-002	7.052e-003	-6.921e-007
128	8.795e-008	1.505e-008	8.262e-010	-8.627e-002	-7.245e-003	-1.079e-006
129	1.287e-007	4.910e-009	-4.632e-011	-6.579e-004	7.736e-003	1.062e-006
130	1.508e-004	-7.551e-005	1.304e-005	-3.254e-002	-7.470e-003	-2.881e-007
131	4.826e-008	-1.430e-008	-1.087e-009	1.028e-001	7.963e-003	-5.799e-007
132	4.202e-003	4.088e-004	-2.542e-002	-5.968e-002	-1.628e-001	-3.236e-008
133	3.930e-003	-3.887e-004	2.999e-002	6.699e-002	-6.398e-002	-2.275e-007
134	7.693e-003	1.522e-004	-2.569e-002	5.860e-002	-8.389e-002	-1.580e-006
135	7.929e-003	-1.702e-004	2.993e-002	-6.717e-002	-1.724e-001	4.797e-007
136	9.594e-003	1.155e-005	-1.012e-003	-1.399e-003	-2.793e-002	1.843e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	9.634e-003	2.701e-004	3.008e-003	-2.495e-002	-6.176e-003	2.368e-006
139	9.842e-003	-7.092e-004	-1.571e-003	8.286e-002	2.638e-002	1.531e-007
140	9.869e-003	6.898e-004	2.806e-003	-8.439e-002	6.929e-003	7.976e-007
141	4.158e-004	-2.578e-003	4.689e-003	-7.919e-002	2.840e-002	-1.716e-006
142	4.227e-004	2.565e-003	-5.341e-003	8.261e-002	6.610e-002	-1.406e-006
143	9.594e-003	1.151e-005	-1.012e-003	-2.704e-003	-2.807e-002	-6.859e-007
144	7.243e-003	-1.709e-003	2.252e-002	1.366e-002	9.836e-002	-1.212e-007
145	7.237e-003	1.692e-003	-2.398e-002	-2.298e-002	1.226e-001	-1.255e-006
146	3.663e-003	-2.368e-003	2.348e-002	-9.899e-003	9.415e-002	1.477e-008
147	3.515e-003	2.346e-003	-2.595e-002	1.514e-002	1.419e-001	-1.113e-007
148	5.440e-008	-2.569e-003	-5.273e-010	-3.852e-002	-1.673e-002	5.855e-007
149	8.219e-008	1.707e-005	-2.306e-011	4.506e-003	1.707e-002	-1.079e-006
150	1.128e-004	8.587e-004	-1.571e-005	2.516e-002	-1.675e-002	3.468e-007
151	3.578e-008	2.563e-003	1.108e-011	5.117e-002	1.712e-002	5.453e-007

Vettori modali 51 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	5.121e-005	-2.164e-004	-3.816e-004	9.641e-005	-4.667e-004	9.430e-008
2	4.054e-005	-2.253e-004	-6.557e-004	1.461e-003	-1.417e-002	-4.917e-008
3	2.860e-005	-2.049e-004	-2.566e-004	2.636e-004	6.942e-004	1.578e-007
4	1.059e-005	-2.156e-004	3.141e-004	-1.090e-003	-2.910e-003	2.050e-008
5	2.621e-005	-1.038e-005	-1.545e-003	-1.971e-002	5.045e-003	-3.658e-004
6	-2.789e-005	-7.686e-006	-2.535e-003	-3.181e-002	-6.713e-003	3.315e-004
7	-4.085e-006	-1.622e-005	-3.410e-004	-7.015e-004	2.410e-003	1.801e-008
8	-1.423e-005	-6.135e-005	1.951e-004	-3.359e-003	2.077e-003	1.228e-007
9	-2.739e-005	-7.661e-005	6.548e-004	1.352e-003	1.430e-002	-7.184e-008
10	7.959e-006	-1.308e-004	3.669e-004	4.036e-003	-4.411e-004	6.113e-008
11	2.690e-005	-1.871e-004	-1.354e-005	1.351e-002	6.809e-006	-1.225e-004
12	1.568e-005	-3.111e-004	1.756e-005	2.861e-002	-2.732e-005	1.204e-004
13	3.002e-005	-2.817e-004	1.096e-005	3.835e-002	-1.202e-004	-4.743e-004
14	-3.063e-005	-2.239e-004	1.563e-003	-1.993e-002	-5.055e-003	-4.115e-004
15	3.717e-005	-1.528e-004	2.546e-003	-3.195e-002	6.709e-003	4.625e-004
16	0.000e+000	0.000e+000	0.000e+000	-1.912e-002	3.377e-005	-2.741e-004
17	0.000e+000	0.000e+000	0.000e+000	-1.050e-003	-6.065e-006	-5.453e-005
18	2.243e-006	-3.149e-005	-4.978e-007	-1.124e-002	9.207e-006	-1.380e-004
19	0.000e+000	0.000e+000	0.000e+000	-3.163e-002	-3.351e-005	3.299e-004
20	1.613e-004	-1.005e-004	-9.216e-003	-1.349e-002	3.545e-003	-9.017e-005
21	1.545e-005	-6.994e-005	-4.307e-004	-5.323e-004	-3.235e-003	-4.810e-005
22	-1.133e-004	-9.517e-005	-1.389e-002	-1.815e-002	-4.763e-003	2.274e-004
23	7.315e-005	-1.950e-004	-1.042e-002	1.007e-002	1.759e-003	2.108e-004
24	4.241e-005	-1.275e-004	-4.440e-004	4.955e-004	-5.736e-003	-7.557e-006
25	-1.985e-004	-1.747e-004	-1.472e-002	1.581e-002	-2.442e-003	-1.533e-004
26	2.409e-005	-1.658e-004	-6.946e-006	1.082e-003	4.570e-005	2.645e-005

Vettori modali 51 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
27	-6.167e-005	-2.738e-004	1.049e-002	1.015e-002	-1.798e-003	2.611e-004
28	3.609e-006	-2.001e-004	4.318e-004	4.976e-004	5.530e-003	1.749e-005
29	2.667e-004	-2.278e-004	1.477e-002	1.585e-002	2.284e-003	-1.737e-004
30	-1.671e-004	-2.545e-004	9.294e-003	-1.355e-002	-3.568e-003	-6.826e-005
31	1.138e-005	-2.160e-004	4.227e-004	-5.159e-004	4.040e-003	-2.013e-005
32	1.738e-004	-1.984e-004	1.394e-002	-1.819e-002	4.689e-003	3.064e-004
33	0.000e+000	-2.245e-004	0.000e+000	-1.934e-002	-3.463e-005	-3.347e-004
34	0.000e+000	-2.224e-004	0.000e+000	-1.035e-003	7.680e-006	8.470e-005
35	-2.155e-006	-2.095e-004	1.662e-007	-1.128e-002	-8.436e-006	1.627e-005
36	0.000e+000	-1.537e-004	0.000e+000	-3.176e-002	3.205e-005	4.226e-004
37	1.972e-003	1.172e-002	1.606e-004	-1.486e-002	1.219e-003	2.898e-005
38	-2.610e-003	1.744e-002	-1.367e-003	-2.033e-002	-1.574e-003	3.459e-004
39	-2.579e-004	-4.005e-002	1.247e-005	7.474e-002	-6.353e-004	-1.469e-003
40	-2.806e-004	-4.030e-002	4.734e-006	6.921e-002	-6.721e-004	5.546e-004
41	-1.981e-003	1.191e-002	-1.456e-004	-1.581e-002	-1.222e-003	2.171e-004
42	2.615e-003	1.758e-002	1.373e-003	-2.103e-002	1.555e-003	6.845e-004
43	9.265e-004	9.536e-003	1.864e-003	2.093e-002	-4.434e-003	4.238e-004
44	-1.152e-003	1.321e-002	-1.766e-004	3.255e-002	6.154e-003	3.603e-004
45	-3.398e-004	-4.343e-002	7.186e-006	-6.467e-002	4.009e-004	-3.058e-003
46	-3.565e-004	-4.115e-002	-1.562e-006	-6.601e-002	4.520e-004	1.584e-003
47	-9.362e-004	9.944e-003	-1.852e-003	2.117e-002	4.422e-003	8.456e-004
48	1.140e-003	1.351e-002	1.783e-004	3.274e-002	-6.204e-003	9.064e-004
49	-7.260e-004	4.928e-004	3.619e-003	-3.611e-003	5.914e-004	8.379e-004
50	1.348e-003	-5.899e-004	1.074e-003	-4.787e-003	2.913e-004	3.754e-004
51	-2.864e-003	-2.272e-004	1.447e-002	2.743e-002	5.805e-004	4.391e-003
52	2.631e-003	-1.323e-003	5.745e-003	1.423e-002	3.810e-004	-2.589e-003
53	-2.923e-003	-9.440e-004	1.703e-002	-2.111e-002	5.697e-004	-4.477e-003
54	2.273e-003	-2.037e-003	8.091e-003	-7.648e-003	4.706e-004	4.118e-003
55	1.430e-005	-1.647e-003	1.527e-006	-3.469e-002	5.588e-004	-4.724e-003
56	2.067e-005	-2.722e-003	-8.140e-006	-2.010e-002	5.603e-004	2.663e-003
57	3.138e-003	-9.393e-004	-1.729e-002	-2.178e-002	1.356e-004	-4.927e-003
58	-2.025e-003	-2.032e-003	-8.315e-003	-8.165e-003	2.322e-004	3.627e-003
59	3.122e-003	-2.178e-004	-1.483e-002	2.780e-002	-2.877e-004	4.736e-003
60	-2.345e-003	-1.314e-003	-6.037e-003	1.455e-002	-9.592e-005	-2.178e-003
61	6.886e-004	5.067e-004	-3.611e-003	-2.740e-003	-7.109e-004	1.505e-003
62	-1.403e-003	-5.774e-004	-1.077e-003	-4.151e-003	-4.240e-004	1.139e-003
63	-4.708e-004	1.851e-002	2.065e-003	-3.629e-002	-5.141e-003	2.080e-002
64	1.037e-004	-2.072e-002	-9.640e-006	4.161e-002	-1.516e-004	-2.508e-002
65	3.336e-004	1.841e-002	-2.070e-003	-3.638e-002	5.066e-003	2.105e-002
66	8.761e-004	2.052e-002	4.875e-003	-3.787e-002	3.318e-003	-2.307e-002
67	1.165e-004	-1.951e-002	1.510e-006	4.970e-002	-9.685e-005	2.657e-002
68	-9.991e-004	2.035e-002	-4.867e-003	-3.795e-002	-3.423e-003	-2.281e-002
69	3.703e-002	2.687e-003	-1.126e-001	-1.762e-001	-2.030e-003	-5.896e-002
70	3.603e-002	2.902e-003	-1.083e-001	1.878e-001	-3.922e-003	6.166e-002
71	-8.547e-004	3.088e-003	3.076e-003	1.192e-001	6.187e-003	4.228e-002
72	-3.627e-002	2.910e-003	1.083e-001	1.878e-001	4.078e-003	6.190e-002
73	-3.722e-002	2.691e-003	1.126e-001	-1.762e-001	1.970e-003	-5.936e-002
74	-1.618e-005	2.434e-003	-1.107e-005	-1.695e-001	-1.386e-004	-5.424e-002
75	7.964e-004	3.076e-003	-3.081e-003	1.192e-001	-5.814e-003	4.198e-002
76	-8.913e-005	3.227e-003	6.122e-003	1.296e-001	-9.324e-003	-4.821e-002
77	3.907e-002	2.990e-003	1.207e-001	2.025e-001	-6.269e-003	-6.820e-002
78	4.045e-002	2.710e-003	1.234e-001	-1.967e-001	-3.213e-003	6.408e-002
79	8.799e-006	2.392e-003	1.469e-006	-1.806e-001	-1.581e-004	5.946e-002
80	-4.053e-002	2.706e-003	-1.232e-001	-1.964e-001	3.116e-003	6.435e-002
81	-3.921e-002	2.982e-003	-1.205e-001	2.024e-001	6.391e-003	-6.825e-002

Vettori modali 51 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
82	2.593e-005	3.215e-003	-6.114e-003	1.293e-001	9.666e-003	-4.837e-002
83	5.519e-004	-9.574e-003	3.279e-003	2.091e-002	5.362e-003	-1.818e-002
84	2.001e-003	-1.057e-002	-6.562e-003	2.011e-002	7.901e-003	1.356e-002
85	-1.992e-003	-1.058e-002	6.540e-003	2.018e-002	-7.464e-003	1.364e-002
86	-8.159e-006	1.696e-002	7.559e-006	2.266e-003	-3.849e-005	-4.511e-002
87	-5.351e-004	-9.570e-003	-3.255e-003	2.097e-002	-4.928e-003	-1.834e-002
88	-2.648e-005	1.665e-002	-1.603e-005	-4.335e-003	2.292e-006	4.660e-002
89	8.979e-004	-2.329e-003	3.085e-003	-5.789e-002	-3.299e-003	-5.027e-002
90	4.974e-002	-1.431e-003	-5.163e-002	-1.034e-001	-2.179e-003	-9.076e-002
91	5.350e-002	-5.137e-004	-5.829e-002	8.256e-002	-1.059e-003	7.993e-002
92	-2.038e-005	4.115e-004	-1.231e-005	1.003e-001	6.114e-005	8.642e-002
93	-5.352e-002	-5.115e-004	5.829e-002	8.265e-002	1.222e-003	7.985e-002
94	-4.971e-002	-1.427e-003	5.167e-002	-1.034e-001	2.382e-003	-9.087e-002
95	-8.267e-004	-2.322e-003	-3.020e-003	-5.782e-002	3.542e-003	-5.036e-002
96	-2.467e-003	-3.312e-003	6.433e-003	-6.489e-002	3.932e-003	4.337e-002
97	-4.675e-002	-2.315e-003	-5.266e-002	-1.123e-001	2.626e-003	8.260e-002
98	-4.961e-002	-1.285e-003	-6.138e-002	8.412e-002	1.319e-003	-7.497e-002
99	-9.433e-006	-2.360e-004	7.435e-006	1.096e-001	1.277e-005	-7.895e-002
100	4.966e-002	-1.283e-003	6.129e-002	8.384e-002	-1.212e-003	-7.517e-002
101	4.685e-002	-2.313e-003	5.251e-002	-1.122e-001	-2.437e-003	8.261e-002
102	2.532e-003	-3.309e-003	-6.498e-003	-6.472e-002	-3.662e-003	4.343e-002
103	-9.441e-005	5.190e-003	-2.234e-003	-2.664e-002	6.165e-003	6.741e-003
104	1.557e-003	4.127e-003	-5.355e-003	-3.071e-002	-1.082e-002	-9.068e-003
105	-8.868e-006	-1.275e-002	5.703e-006	4.877e-002	1.017e-005	1.846e-002
106	-1.277e-005	-1.243e-002	-3.995e-006	4.447e-002	4.911e-005	-1.204e-002
107	-1.476e-003	4.134e-003	5.270e-003	-3.090e-002	1.082e-002	-9.138e-003
108	1.781e-004	5.181e-003	2.312e-003	-2.674e-002	-6.212e-003	6.809e-003
109	3.143e-004	3.059e-003	-1.531e-003	-1.004e-002	1.551e-003	2.525e-002
110	-8.379e-006	-8.245e-003	2.933e-006	1.506e-002	1.733e-005	4.545e-002
111	-9.651e-006	-8.532e-003	8.647e-007	1.379e-002	1.072e-005	-4.333e-002
112	6.665e-004	2.196e-003	-3.425e-003	-1.179e-002	-1.055e-002	-2.297e-002
113	-5.938e-004	2.205e-003	3.360e-003	-1.200e-002	1.033e-002	-2.304e-002
114	-2.417e-004	3.051e-003	1.578e-003	-1.020e-002	-1.825e-003	2.527e-002
115	-3.101e-004	-1.364e-004	1.888e-003	-4.172e-003	4.937e-003	3.279e-003
116	-2.752e-003	-1.165e-003	3.813e-004	-2.395e-003	3.291e-003	3.862e-003
117	-2.540e-003	-2.177e-003	-3.529e-004	-4.477e-004	1.644e-003	-4.597e-003
118	-8.652e-006	-3.158e-003	7.303e-007	1.774e-003	-1.888e-006	-2.858e-003
119	2.596e-003	-2.177e-003	2.704e-004	-6.629e-004	-1.754e-003	-4.802e-003
120	2.861e-003	-1.166e-003	-4.989e-004	-2.289e-003	-3.507e-003	3.881e-003
121	3.758e-004	-1.379e-004	-1.900e-003	-3.935e-003	-5.259e-003	3.349e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.621e-005	-1.038e-005	-1.545e-003	-1.943e-002	-1.285e-002	-2.813e-007
124	-2.790e-005	-7.690e-006	-2.535e-003	-2.899e-002	2.437e-002	3.739e-007
125	2.690e-005	-1.871e-004	-1.354e-005	-5.138e-003	-5.384e-004	2.010e-007
126	1.567e-005	-3.111e-004	1.756e-005	2.946e-002	-5.265e-004	-1.566e-007
127	3.002e-005	-2.817e-004	1.096e-005	3.714e-002	4.559e-004	2.048e-007
128	-2.064e-009	-6.037e-009	-4.371e-010	-1.905e-002	3.679e-003	1.572e-009
129	3.293e-010	-8.612e-009	-2.597e-010	-1.176e-003	-3.671e-003	4.076e-008
130	2.244e-006	-3.149e-005	-4.976e-007	5.667e-003	3.618e-003	4.338e-008
131	4.279e-009	-3.697e-009	-3.036e-010	-3.424e-002	-3.542e-003	-2.478e-008
132	1.613e-004	-1.005e-004	-9.216e-003	-1.710e-002	-7.324e-002	-9.821e-008
133	-1.133e-004	-9.517e-005	-1.389e-002	-2.507e-002	4.794e-002	5.379e-008
134	7.314e-005	-1.950e-004	-1.042e-002	1.228e-002	-2.278e-002	5.903e-008
135	-1.985e-004	-1.747e-004	-1.472e-002	2.176e-002	8.875e-002	-3.720e-008
136	2.409e-005	-1.657e-004	-6.946e-006	1.255e-003	5.877e-004	3.072e-008

Vettori modali 51 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.690e-005	-1.871e-004	-1.354e-005	-1.342e-003	3.048e-004	1.965e-007
139	1.568e-005	-3.111e-004	1.756e-005	2.971e-002	3.193e-004	-3.953e-008
140	3.002e-005	-2.817e-004	1.096e-005	3.735e-002	-4.294e-004	1.827e-007
141	-3.063e-005	-2.239e-004	1.563e-003	-1.980e-002	1.374e-002	-2.114e-007
142	3.717e-005	-1.528e-004	2.546e-003	-2.928e-002	-2.606e-002	3.356e-007
143	2.409e-005	-1.658e-004	-6.946e-006	1.268e-003	-2.414e-004	6.886e-008
144	-6.167e-005	-2.738e-004	1.049e-002	1.218e-002	2.322e-002	-6.668e-008
145	2.667e-004	-2.278e-004	1.477e-002	2.164e-002	-8.711e-002	-5.553e-008
146	-1.671e-004	-2.545e-004	9.294e-003	-1.699e-002	7.355e-002	-1.043e-007
147	1.738e-004	-1.984e-004	1.394e-002	-2.494e-002	-5.331e-002	5.335e-008
148	1.959e-009	-2.245e-004	1.177e-010	-1.928e-002	-3.640e-003	2.887e-008
149	-2.279e-010	-2.224e-004	1.774e-010	-1.182e-003	3.636e-003	3.281e-008
150	-2.156e-006	-2.095e-004	1.660e-007	2.108e-003	-3.572e-003	1.800e-008
151	-3.926e-009	-1.537e-004	1.785e-010	-3.429e-002	3.496e-003	-4.041e-008

Vettori modali 52 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.152e-004	-2.289e-004	7.145e-004	1.407e-003	2.430e-003	9.257e-008
2	-4.788e-005	-1.840e-004	1.692e-003	-2.782e-003	2.601e-002	1.848e-007
3	-8.008e-005	-2.425e-004	3.552e-004	-2.417e-003	-3.543e-003	-1.148e-007
4	-5.842e-007	-2.143e-004	-1.179e-003	-4.854e-003	3.996e-003	-1.414e-007
5	-2.445e-004	-1.223e-005	6.913e-003	8.616e-002	-1.426e-001	3.241e-003
6	1.638e-004	-2.315e-005	6.174e-003	7.646e-002	1.195e-001	-2.130e-003
7	-4.622e-005	-7.963e-005	1.146e-003	-3.889e-003	-4.453e-003	-5.224e-008
8	-1.097e-005	-6.068e-005	-4.369e-004	-6.913e-003	6.488e-003	-1.542e-007
9	-8.092e-005	-8.435e-005	-1.708e-003	-3.335e-003	-2.649e-002	1.418e-007
10	-8.631e-005	-1.032e-004	-7.544e-004	6.213e-003	-3.412e-003	4.631e-008
11	-1.264e-004	-1.882e-004	5.825e-006	-2.570e-002	-3.645e-005	-4.070e-004
12	-1.303e-004	-4.801e-005	3.824e-005	-9.484e-002	2.093e-004	-8.872e-004
13	-1.203e-004	-2.567e-004	-7.601e-006	-7.463e-002	1.325e-004	1.098e-003
14	2.278e-004	-1.588e-004	-6.898e-003	8.596e-002	1.427e-001	2.996e-003
15	-1.866e-004	-4.181e-004	-6.157e-003	7.624e-002	-1.194e-001	-2.377e-003
16	0.000e+000	0.000e+000	0.000e+000	8.654e-002	-9.038e-004	2.677e-003
17	0.000e+000	0.000e+000	0.000e+000	1.235e-003	6.928e-005	-3.175e-004
18	1.778e-006	3.586e-006	2.666e-005	2.667e-002	-2.226e-004	4.081e-004
19	0.000e+000	0.000e+000	0.000e+000	7.753e-002	6.827e-004	-1.744e-003
20	-7.998e-004	-2.093e-005	3.735e-002	4.759e-002	-1.004e-001	-1.068e-004
21	-1.019e-004	-5.300e-005	4.751e-004	5.427e-004	5.732e-003	3.731e-004
22	3.659e-004	-6.916e-005	3.176e-002	3.724e-002	8.418e-002	9.350e-005
23	-4.521e-004	-6.131e-005	3.870e-002	-4.416e-002	-5.009e-002	-7.557e-004
24	-1.898e-004	-1.006e-004	4.823e-004	-5.360e-004	9.200e-003	-3.611e-005
25	3.620e-004	-1.782e-004	3.148e-002	-3.831e-002	4.215e-002	4.315e-004
26	-1.285e-004	-1.477e-004	-3.673e-006	-1.235e-003	-3.588e-005	-6.878e-005
27	2.176e-004	-1.005e-004	-3.859e-002	-4.412e-002	5.038e-002	-8.686e-004
28	-3.174e-005	-1.614e-004	-4.950e-004	-5.534e-004	-9.434e-003	-1.598e-004
29	-5.668e-004	-3.197e-004	-3.145e-002	-3.819e-002	-4.195e-002	2.648e-004
30	6.604e-004	-1.104e-004	-3.727e-002	4.748e-002	1.005e-001	-3.827e-004
31	-2.794e-005	-1.630e-004	-4.903e-004	5.561e-004	-4.252e-003	1.046e-004
32	-4.642e-004	-3.480e-004	-3.170e-002	3.724e-002	-8.404e-002	-9.370e-005
33	0.000e+000	-1.599e-004	0.000e+000	8.634e-002	9.037e-004	2.516e-003
34	0.000e+000	-1.426e-004	0.000e+000	1.274e-003	-6.855e-005	-4.490e-004
35	-8.453e-007	-1.918e-004	-2.673e-005	2.662e-002	2.225e-004	4.194e-005
36	0.000e+000	-4.192e-004	0.000e+000	7.731e-002	-6.825e-004	-2.082e-003
37	-5.423e-002	-3.234e-002	5.238e-003	1.895e-002	-2.818e-002	4.390e-002
38	4.539e-002	-3.369e-002	6.321e-003	2.814e-002	2.361e-002	-3.667e-002

Vettori modali 52 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
39	4.326e-004	4.671e-002	2.322e-005	-4.759e-002	1.268e-003	-3.232e-002
40	4.362e-004	1.880e-002	-6.885e-006	3.323e-003	1.295e-003	2.870e-002
41	5.424e-002	-3.222e-002	-5.236e-003	1.835e-002	2.823e-002	4.334e-002
42	-4.537e-002	-3.355e-002	-6.298e-003	2.674e-002	-2.355e-002	-3.723e-002
43	-1.808e-002	-1.543e-002	3.478e-003	-6.791e-002	1.466e-001	8.456e-002
44	1.507e-002	-1.956e-002	6.365e-003	-6.992e-002	-1.230e-001	-7.122e-002
45	6.216e-004	3.260e-002	7.822e-006	8.610e-002	-6.948e-004	-6.375e-002
46	6.380e-004	3.573e-003	-6.056e-006	3.799e-002	-6.882e-004	5.631e-002
47	1.811e-002	-1.518e-002	-3.491e-003	-6.774e-002	-1.466e-001	8.367e-002
48	-1.504e-002	-1.902e-002	-6.338e-003	-6.979e-002	1.230e-001	-7.209e-002
49	5.052e-002	3.108e-003	1.571e-003	4.251e-002	5.890e-002	1.272e-001
50	-4.269e-002	5.229e-003	6.301e-003	2.248e-002	-5.049e-002	-1.074e-001
51	-1.332e-002	3.788e-003	3.910e-002	6.561e-002	3.893e-002	1.133e-001
52	1.238e-002	5.557e-003	4.513e-002	7.851e-002	-3.402e-002	-9.860e-002
53	-3.709e-002	4.412e-003	3.937e-002	-6.537e-002	1.895e-002	-2.521e-002
54	3.287e-002	5.801e-003	4.800e-002	-7.223e-002	-1.755e-002	2.298e-002
55	-2.325e-005	4.969e-003	-8.461e-006	-5.201e-002	-1.023e-003	-9.671e-002
56	-2.053e-005	5.958e-003	-5.083e-006	-7.562e-002	-1.076e-003	8.526e-002
57	3.668e-002	4.417e-003	-3.958e-002	-6.585e-002	-2.024e-002	-2.436e-002
58	-3.326e-002	5.804e-003	-4.847e-002	-7.337e-002	1.617e-002	2.383e-002
59	1.284e-002	3.799e-003	-3.937e-002	6.590e-002	-3.947e-002	1.126e-001
60	-1.285e-002	5.564e-003	-4.574e-002	7.922e-002	3.343e-002	-9.926e-002
61	-5.044e-002	3.124e-003	-1.599e-003	4.298e-002	-5.869e-002	1.260e-001
62	4.276e-002	5.240e-003	-6.269e-003	2.392e-002	5.068e-002	-1.086e-001
63	-2.768e-002	-5.085e-004	5.363e-003	4.977e-003	1.007e-001	-2.502e-002
64	-2.295e-004	1.389e-002	5.228e-006	2.902e-002	1.510e-004	1.015e-002
65	2.790e-002	-8.552e-004	-5.321e-003	4.943e-003	-1.005e-001	-2.515e-002
66	3.232e-002	-1.821e-002	-7.832e-004	2.461e-002	-1.186e-001	4.624e-002
67	-2.053e-004	2.157e-002	-1.901e-005	2.514e-004	1.898e-004	-2.564e-002
68	-3.209e-002	-1.823e-002	7.459e-004	2.445e-002	1.187e-001	4.610e-002
69	2.908e-002	-1.728e-003	-6.826e-003	-1.702e-002	-1.809e-002	-2.616e-002
70	1.561e-002	-2.221e-003	-9.823e-003	6.657e-003	-3.645e-002	7.430e-002
71	2.367e-002	-2.657e-003	4.291e-003	7.713e-003	5.418e-002	6.163e-002
72	-1.507e-002	-2.205e-003	1.035e-002	7.229e-003	3.621e-002	7.394e-002
73	-2.876e-002	-1.720e-003	7.237e-003	-1.795e-002	1.824e-002	-2.510e-002
74	-3.678e-005	-1.210e-003	1.598e-005	-9.386e-004	2.786e-004	-6.882e-002
75	-2.356e-002	-2.681e-003	-4.240e-003	6.781e-003	-5.481e-002	6.262e-002
76	-2.590e-002	-6.472e-003	-3.246e-003	-7.356e-002	-5.319e-002	-3.888e-002
77	-5.321e-003	-5.271e-003	-6.833e-002	-1.135e-001	-3.538e-002	-4.465e-002
78	9.911e-003	-3.992e-003	-6.847e-002	1.142e-001	-1.756e-002	-9.518e-003
79	-1.099e-005	-2.652e-003	-2.981e-005	8.947e-002	2.541e-004	4.907e-002
80	-9.512e-003	-3.994e-003	6.822e-002	1.138e-001	1.768e-002	-1.060e-002
81	5.904e-003	-5.276e-003	6.805e-002	-1.132e-001	3.511e-002	-4.416e-002
82	2.601e-002	-6.479e-003	3.199e-003	-7.323e-002	5.254e-002	-3.789e-002
83	2.648e-002	-6.158e-003	4.864e-003	-1.053e-002	-2.415e-002	2.890e-002
84	2.719e-002	-1.572e-003	3.267e-003	-2.567e-002	-3.788e-002	-2.370e-002
85	-2.722e-002	-1.568e-003	-3.260e-003	-2.603e-002	3.709e-002	-2.439e-002
86	1.104e-005	-1.209e-003	-4.198e-005	-2.091e-002	3.454e-005	5.600e-002
87	-2.651e-002	-6.128e-003	-4.866e-003	-1.098e-002	2.335e-002	2.964e-002
88	-8.855e-006	2.429e-003	2.875e-005	1.263e-002	6.658e-005	-3.461e-002
89	1.839e-002	-2.590e-003	-1.946e-003	-5.604e-002	-8.042e-002	-1.154e-002
90	4.009e-002	-2.688e-003	-5.497e-002	-9.548e-002	-5.363e-002	-3.414e-002
91	3.120e-002	-2.746e-003	-5.666e-002	9.117e-002	-2.684e-002	6.693e-002
92	-9.240e-006	-2.763e-003	2.996e-005	7.939e-002	-5.143e-005	2.058e-002
93	-3.124e-002	-2.743e-003	5.673e-002	9.115e-002	2.660e-002	6.700e-002

Vettori modali 52 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
94	-4.016e-002	-2.682e-003	5.499e-002	-9.567e-002	5.325e-002	-3.410e-002
95	-1.852e-002	-2.580e-003	1.868e-003	-5.622e-002	7.991e-002	-1.120e-002
96	-1.732e-002	3.708e-003	-1.139e-002	-5.667e-002	8.884e-002	3.343e-002
97	-5.707e-002	2.470e-003	-6.345e-002	-8.605e-002	5.919e-002	6.602e-002
98	-4.922e-002	1.196e-003	-5.779e-002	1.068e-001	2.955e-002	-9.533e-002
99	4.156e-006	-9.682e-005	-4.012e-005	6.080e-002	-1.012e-004	-4.643e-002
100	4.924e-002	1.197e-003	5.761e-002	1.066e-001	-2.985e-002	-9.534e-002
101	5.706e-002	2.472e-003	6.331e-002	-8.570e-002	-5.959e-002	6.617e-002
102	1.719e-002	3.711e-003	1.147e-002	-5.627e-002	-8.934e-002	3.385e-002
103	-7.782e-003	1.743e-003	1.576e-002	1.317e-003	9.763e-002	-7.680e-003
104	6.084e-003	1.132e-002	2.550e-002	-1.102e-002	-8.977e-002	1.413e-002
105	-1.214e-005	-7.933e-003	-2.212e-005	5.391e-003	-1.309e-004	-8.570e-003
106	-1.753e-005	-5.689e-003	2.020e-005	-6.349e-003	-7.414e-005	-2.518e-002
107	-6.252e-003	1.131e-002	-2.538e-002	-1.129e-002	8.974e-002	1.388e-002
108	7.614e-003	1.759e-003	-1.588e-002	1.342e-003	-9.768e-002	-7.832e-003
109	-1.293e-003	1.498e-003	3.104e-002	5.615e-002	7.137e-002	-1.645e-002
110	-2.148e-005	-4.952e-003	-4.864e-006	-5.489e-002	-6.859e-005	2.027e-002
111	-2.290e-005	1.940e-003	8.875e-006	-7.131e-002	-5.347e-005	-1.867e-002
112	7.357e-004	1.053e-002	3.746e-002	4.468e-002	-4.304e-002	-9.810e-003
113	-8.926e-004	1.050e-002	-3.737e-002	4.448e-002	4.341e-002	-9.833e-003
114	1.135e-003	1.527e-003	-3.113e-002	5.606e-002	-7.102e-002	-1.640e-002
115	-1.893e-004	4.213e-003	-3.965e-002	1.076e-001	-1.778e-002	-3.683e-002
116	3.018e-002	3.919e-003	2.851e-002	1.292e-001	-1.186e-002	-5.253e-002
117	3.077e-002	3.566e-003	5.137e-002	-4.766e-002	-5.939e-003	5.071e-002
118	-2.437e-005	3.160e-003	2.114e-006	-1.193e-001	-1.991e-005	4.111e-002
119	-3.108e-002	3.566e-003	-5.143e-002	-4.782e-002	6.083e-003	5.134e-002
120	-3.057e-002	3.917e-003	-2.859e-002	1.293e-001	1.219e-002	-5.288e-002
121	4.201e-005	4.211e-003	3.965e-002	1.078e-001	1.829e-002	-3.710e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.445e-004	-1.223e-005	6.913e-003	8.968e-002	5.183e-002	1.230e-007
124	1.638e-004	-2.314e-005	6.174e-003	7.530e-002	-6.633e-002	-3.403e-007
125	-1.264e-004	-1.882e-004	5.825e-006	-2.796e-003	-2.025e-003	-5.122e-008
126	-1.303e-004	-4.802e-005	3.824e-005	-1.048e-001	-1.830e-003	1.074e-007
127	-1.203e-004	-2.567e-004	-7.601e-006	-7.835e-002	2.055e-003	-7.053e-008
128	-2.981e-009	-2.554e-009	6.982e-012	8.327e-002	-1.534e-002	-5.246e-008
129	-9.408e-009	-1.660e-009	5.322e-010	1.404e-003	1.529e-002	-6.186e-008
130	1.779e-006	3.581e-006	2.666e-005	2.062e-003	-1.536e-002	-6.201e-008
131	-5.827e-009	-2.439e-009	-8.065e-012	7.912e-002	1.534e-002	2.016e-007
132	-7.998e-004	-2.092e-005	3.735e-002	5.519e-002	2.590e-001	1.682e-007
133	3.659e-004	-6.915e-005	3.176e-002	4.644e-002	-1.350e-001	-1.202e-007
134	-4.521e-004	-6.132e-005	3.870e-002	-4.981e-002	9.999e-002	2.038e-007
135	3.620e-004	-1.782e-004	3.148e-002	-4.756e-002	-1.817e-001	-6.782e-008
136	-1.285e-004	-1.477e-004	-3.673e-006	-1.424e-003	1.963e-003	-1.114e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.264e-004	-1.882e-004	5.825e-006	1.563e-003	1.323e-003	-1.905e-007
139	-1.303e-004	-4.802e-005	3.824e-005	-1.051e-001	1.535e-003	1.806e-007
140	-1.203e-004	-2.567e-004	-7.602e-006	-7.692e-002	-1.234e-003	-3.248e-007
141	2.278e-004	-1.588e-004	-6.898e-003	8.991e-002	-5.096e-002	4.236e-007
142	-1.866e-004	-4.181e-004	-6.157e-003	7.376e-002	6.419e-002	-5.893e-007
143	-1.285e-004	-1.477e-004	-3.673e-006	-1.419e-003	-1.427e-003	-9.376e-008
144	2.176e-004	-1.005e-004	-3.859e-002	-4.936e-002	-9.943e-002	1.158e-007
145	-5.668e-004	-3.197e-004	-3.145e-002	-4.880e-002	1.838e-001	4.892e-008
146	6.604e-004	-1.104e-004	-3.727e-002	5.465e-002	-2.579e-001	3.712e-007
147	-4.642e-004	-3.480e-004	-3.170e-002	4.779e-002	1.281e-001	-1.152e-007
148	-4.524e-010	-1.599e-004	-3.090e-010	8.252e-002	1.586e-002	-3.712e-008

Vettori modali 52 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
149	5.435e-009	-1.426e-004	-5.397e-010	1.444e-003	-1.582e-002	-1.420e-007
150	-8.457e-007	-1.918e-004	-2.673e-005	-2.299e-003	1.590e-002	-5.607e-008
151	6.989e-009	-4.192e-004	-3.151e-010	8.002e-002	-1.587e-002	1.088e-007

Vettori modali 53 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.728e-004	2.456e-005	7.164e-004	2.340e-003	1.530e-002	-1.399e-007
2	-1.359e-004	-1.370e-004	-6.443e-005	1.694e-003	2.135e-002	-9.529e-008
3	-1.136e-004	-5.962e-005	3.710e-004	-5.336e-003	5.896e-003	-2.239e-007
4	-6.405e-005	-8.716e-005	6.072e-005	8.422e-003	8.170e-003	3.319e-008
5	2.739e-005	-1.131e-005	-1.680e-003	-2.123e-002	1.756e-003	-3.969e-004
6	1.539e-004	-4.642e-006	6.708e-003	8.362e-002	8.275e-002	-2.015e-003
7	9.880e-005	1.850e-005	-9.246e-005	8.402e-003	-8.674e-003	4.212e-008
8	1.498e-004	-1.106e-005	-3.961e-004	-6.384e-003	-5.084e-003	-1.961e-007
9	2.109e-004	-4.261e-005	6.457e-005	1.913e-003	-2.086e-002	-7.435e-008
10	2.986e-004	5.398e-005	-7.187e-004	3.516e-003	-1.548e-002	-1.657e-007
11	7.597e-005	1.627e-005	-1.179e-006	-3.175e-002	-1.600e-005	1.109e-004
12	7.089e-005	-2.907e-004	-1.192e-005	3.035e-002	-7.092e-005	5.074e-004
13	7.635e-005	1.982e-004	2.650e-005	-9.339e-002	-1.141e-004	1.494e-003
14	-1.599e-005	-2.027e-004	1.686e-003	-2.131e-002	-1.820e-003	-2.585e-004
15	-1.445e-004	-5.961e-005	-6.699e-003	8.351e-002	-8.277e-002	-1.876e-003
16	0.000e+000	0.000e+000	0.000e+000	-2.087e-002	8.676e-005	-2.824e-004
17	0.000e+000	0.000e+000	0.000e+000	9.053e-004	-1.531e-004	-7.059e-006
18	2.281e-006	4.156e-005	4.507e-005	2.859e-002	-1.898e-004	4.115e-004
19	0.000e+000	0.000e+000	0.000e+000	8.395e-002	5.758e-004	-1.654e-003
20	2.397e-004	-8.405e-005	-1.001e-002	-1.468e-002	1.216e-003	-4.369e-004
21	1.332e-004	-1.203e-005	3.653e-004	4.424e-004	1.584e-002	-2.796e-004
22	5.530e-004	5.538e-005	3.612e-002	4.578e-002	5.824e-002	-5.841e-004
23	2.973e-004	-1.772e-004	-1.129e-002	1.108e-002	5.725e-004	2.356e-004
24	1.739e-004	-3.609e-005	3.716e-004	-4.278e-004	2.112e-002	8.232e-005
25	7.325e-004	9.643e-005	3.742e-002	-4.224e-002	2.906e-002	4.875e-004
26	7.515e-005	-4.544e-005	-1.996e-006	-9.217e-004	5.569e-006	2.984e-004
27	-1.828e-004	-2.473e-004	1.128e-002	1.114e-002	-6.867e-004	3.202e-004
28	-4.109e-005	-6.501e-005	-3.758e-004	-4.307e-004	-2.129e-002	1.599e-004
29	-5.961e-004	8.338e-005	-3.735e-002	-4.223e-002	-2.922e-002	5.574e-004
30	-1.736e-004	-2.206e-004	1.003e-002	-1.467e-002	-1.302e-003	-3.214e-004
31	-5.906e-005	-6.673e-005	-3.694e-004	4.476e-004	-1.558e-002	-1.326e-004
32	-4.736e-004	2.352e-005	-3.607e-002	4.571e-002	-5.832e-002	-4.241e-004
33	0.000e+000	-2.018e-004	0.000e+000	-2.095e-002	-8.739e-005	-1.308e-004
34	0.000e+000	-7.146e-005	0.000e+000	9.151e-004	1.535e-004	1.240e-004
35	6.106e-007	-1.437e-005	-4.516e-005	2.856e-002	1.900e-004	4.140e-004
36	0.000e+000	-6.106e-005	0.000e+000	8.385e-002	-5.762e-004	-1.564e-003
37	6.989e-004	5.749e-003	-2.886e-004	2.841e-004	3.949e-004	8.414e-005
38	3.141e-002	-3.403e-002	5.075e-003	2.430e-002	1.593e-002	-2.442e-002
39	-1.812e-004	-3.714e-002	-9.789e-006	6.520e-002	-5.904e-004	-1.067e-003
40	-2.049e-004	6.375e-002	1.849e-005	-8.662e-002	-6.334e-004	1.772e-002
41	-7.146e-004	5.782e-003	2.987e-004	-3.364e-004	-4.275e-004	3.382e-004
42	-3.141e-002	-3.397e-002	-5.075e-003	2.405e-002	-1.595e-002	-2.414e-002
43	3.439e-004	1.371e-003	1.107e-003	1.167e-002	-1.406e-003	5.652e-004
44	1.025e-002	-1.819e-002	3.359e-003	-6.991e-002	-8.491e-002	-4.683e-002
45	-2.812e-004	-3.751e-002	-7.501e-006	-6.424e-002	2.857e-004	-2.642e-003
46	-3.032e-004	5.368e-002	1.017e-005	1.138e-001	3.334e-004	3.394e-002
47	-3.617e-004	1.597e-003	-1.093e-003	1.168e-002	1.422e-003	9.349e-004
48	-1.026e-002	-1.809e-002	-3.368e-003	-6.981e-002	8.487e-002	-4.641e-002
49	1.593e-005	1.483e-003	2.551e-003	-2.076e-002	1.170e-003	1.070e-003
50	-2.874e-002	2.175e-003	1.500e-003	4.125e-002	-3.080e-002	-7.033e-002

Vettori modali 53 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
51	-1.942e-003	9.665e-004	1.316e-003	8.530e-003	9.417e-004	4.216e-003
52	5.554e-003	3.131e-003	3.082e-002	4.558e-002	-2.036e-002	-6.065e-002
53	-2.329e-003	4.358e-004	4.791e-003	8.386e-004	7.137e-004	-3.069e-003
54	1.886e-002	4.039e-003	2.835e-002	-5.341e-002	-9.928e-003	1.120e-002
55	7.115e-006	-1.016e-004	-4.968e-006	-2.025e-002	4.856e-004	-4.293e-003
56	1.301e-005	4.886e-003	1.273e-006	-2.727e-002	5.081e-004	5.095e-002
57	2.497e-003	4.366e-004	-5.022e-003	2.947e-004	-9.084e-005	-3.442e-003
58	-1.867e-002	4.042e-003	-2.842e-002	-5.359e-002	1.057e-002	1.081e-002
59	2.148e-003	9.681e-004	-1.612e-003	8.890e-003	-6.673e-004	4.489e-003
60	-5.331e-003	3.136e-003	-3.092e-002	4.567e-002	2.064e-002	-6.032e-002
61	-3.885e-005	1.485e-003	-2.533e-003	-2.008e-002	-1.244e-003	1.561e-003
62	2.870e-002	2.183e-003	-1.518e-003	4.140e-002	3.070e-002	-6.976e-002
63	-1.663e-002	-2.638e-002	-6.541e-004	3.883e-002	6.968e-002	-3.951e-002
64	1.061e-004	2.629e-002	-5.484e-006	-2.119e-002	-8.816e-005	2.728e-002
65	1.652e-002	-2.637e-002	6.286e-004	3.874e-002	-6.974e-002	-3.952e-002
66	8.469e-004	1.993e-002	3.720e-003	-2.537e-002	3.423e-004	-1.812e-002
67	1.079e-004	-1.204e-002	2.037e-006	3.228e-002	-5.005e-005	1.662e-002
68	-9.392e-004	1.975e-002	-3.696e-003	-2.537e-002	-4.414e-004	-1.816e-002
69	-1.900e-002	-4.933e-003	1.159e-001	1.916e-001	-7.148e-003	4.757e-002
70	-2.785e-002	-6.412e-003	1.140e-001	-1.961e-001	-1.417e-002	-1.611e-002
71	1.508e-002	-7.792e-003	-2.908e-003	-1.236e-001	2.151e-002	-7.111e-003
72	2.752e-002	-6.411e-003	-1.142e-001	-1.963e-001	1.430e-002	-1.582e-002
73	1.878e-002	-4.932e-003	-1.160e-001	1.919e-001	7.089e-003	4.694e-002
74	1.125e-005	-3.379e-003	-1.250e-005	1.523e-001	-1.235e-004	2.401e-003
75	-1.513e-002	-7.793e-003	2.876e-003	-1.233e-001	-2.120e-002	-7.728e-003
76	-1.302e-003	4.275e-003	4.890e-003	9.706e-002	-1.014e-002	-3.830e-002
77	2.903e-002	3.428e-003	9.172e-002	1.509e-001	-6.799e-003	-5.202e-002
78	2.979e-002	2.529e-003	9.106e-002	-1.546e-001	-3.462e-003	4.932e-002
79	2.614e-005	1.592e-003	9.369e-006	-1.138e-001	-1.246e-004	3.860e-002
80	-2.996e-002	2.525e-003	-9.082e-002	-1.541e-001	3.390e-003	4.992e-002
81	-2.933e-002	3.420e-003	-9.142e-002	1.506e-001	6.905e-003	-5.222e-002
82	1.253e-003	4.262e-003	-4.858e-003	9.654e-002	1.042e-002	-3.889e-002
83	1.419e-002	3.690e-003	-3.380e-003	-3.153e-002	-2.753e-002	1.515e-002
84	3.136e-003	-6.144e-003	-5.426e-003	1.761e-002	6.801e-003	-4.065e-003
85	-3.123e-003	-6.160e-003	5.432e-003	1.788e-002	-6.431e-003	-3.602e-003
86	1.318e-005	6.008e-003	1.601e-005	3.520e-002	-3.822e-005	-2.477e-002
87	-1.416e-002	3.686e-003	3.372e-003	-3.128e-002	2.789e-002	1.469e-002
88	8.614e-007	-7.067e-003	-1.868e-005	-3.656e-002	-1.673e-005	-5.790e-002
89	8.353e-003	7.179e-003	-7.880e-003	-3.335e-002	-4.425e-002	-2.270e-002
90	3.292e-002	5.217e-003	-3.147e-002	-3.184e-002	-2.948e-002	-4.083e-002
91	2.895e-002	3.175e-003	-2.455e-002	5.504e-002	-1.471e-002	5.550e-002
92	4.586e-006	1.085e-003	-1.805e-005	1.100e-002	5.369e-005	2.743e-002
93	-2.897e-002	3.175e-003	2.442e-002	5.484e-002	1.486e-002	5.557e-002
94	-3.294e-002	5.217e-003	3.134e-002	-3.161e-002	2.967e-002	-4.091e-002
95	-8.284e-003	7.179e-003	7.906e-003	-3.307e-002	4.448e-002	-2.299e-002
96	-3.054e-003	-7.069e-003	5.092e-003	-1.673e-003	1.015e-002	-1.180e-002
97	5.397e-003	-5.586e-003	-2.588e-003	-2.173e-002	6.774e-003	-1.567e-002
98	7.266e-003	-4.018e-003	-8.492e-003	2.501e-003	3.397e-003	9.068e-003
99	1.246e-005	-2.389e-003	1.793e-005	2.824e-002	2.023e-005	1.353e-002
100	-7.248e-003	-4.016e-003	8.580e-003	2.602e-003	-3.284e-003	9.097e-003
101	-5.387e-003	-5.582e-003	2.661e-003	-2.190e-002	-6.589e-003	-1.569e-002
102	3.116e-003	-7.063e-003	-5.122e-003	-1.851e-003	-9.894e-003	-1.204e-002
103	-3.409e-003	1.423e-002	1.370e-002	-3.364e-002	2.998e-002	-1.073e-002
104	1.009e-003	-1.035e-002	-1.991e-003	2.802e-002	-2.971e-002	-2.902e-003
105	1.672e-005	3.497e-003	1.324e-005	-3.227e-002	3.903e-005	4.274e-002

Vettori modali 53 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
106	1.371e-005	-7.096e-003	-8.126e-006	3.013e-002	7.322e-005	3.490e-002
107	-9.268e-004	-1.035e-002	1.938e-003	2.808e-002	2.977e-002	-2.783e-003
108	3.494e-003	1.422e-002	-1.365e-002	-3.383e-002	-2.996e-002	-1.056e-002
109	-2.094e-003	1.447e-002	1.585e-002	-1.041e-002	-4.885e-003	3.267e-002
110	1.966e-005	1.134e-002	7.470e-006	-5.099e-002	2.618e-005	-3.567e-003
111	1.893e-005	-1.136e-002	1.251e-006	1.204e-002	3.545e-005	-1.598e-002
112	-1.447e-003	-1.036e-002	4.522e-003	3.774e-002	-4.132e-002	3.679e-002
113	1.527e-003	-1.034e-002	-4.568e-003	3.771e-002	4.119e-002	3.677e-002
114	2.175e-003	1.446e-002	-1.582e-002	-1.053e-002	4.715e-003	3.269e-002
115	2.293e-003	1.672e-003	-1.192e-002	3.115e-002	3.288e-002	1.057e-001
116	-8.937e-002	1.613e-003	8.340e-003	3.897e-002	2.192e-002	1.625e-001
117	-9.321e-002	1.529e-003	1.539e-002	-1.395e-002	1.097e-002	-1.503e-001
118	2.053e-005	1.422e-003	4.459e-006	-3.600e-002	7.803e-006	-1.277e-001
119	9.341e-002	1.529e-003	-1.542e-002	-1.406e-002	-1.103e-002	-1.507e-001
120	8.961e-002	1.613e-003	-8.396e-003	3.900e-002	-2.207e-002	1.627e-001
121	-2.216e-003	1.672e-003	1.191e-002	3.125e-002	-3.310e-002	1.059e-001
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.739e-005	-1.131e-005	-1.680e-003	-2.151e-002	-1.725e-003	-5.007e-009
124	1.539e-004	-4.637e-006	6.708e-003	8.032e-002	-5.943e-002	-3.304e-007
125	7.597e-005	1.627e-005	-1.179e-006	1.293e-003	5.586e-004	-2.160e-007
126	7.088e-005	-2.907e-004	-1.192e-005	3.198e-002	4.896e-004	-1.653e-007
127	7.635e-005	1.982e-004	2.650e-005	-9.502e-002	-7.168e-004	-3.071e-007
128	3.781e-009	-3.280e-009	-2.764e-010	-2.033e-002	-7.495e-004	-8.074e-008
129	9.216e-009	-1.266e-009	7.255e-011	1.016e-003	7.689e-004	1.065e-007
130	2.282e-006	4.155e-005	4.507e-005	2.133e-003	-1.076e-003	-2.745e-008
131	-1.860e-009	5.697e-010	1.612e-010	8.730e-002	1.182e-003	5.248e-008
132	2.397e-004	-8.405e-005	-1.001e-002	-1.820e-002	-3.934e-002	-7.958e-008
133	5.530e-004	5.538e-005	3.612e-002	5.967e-002	-1.359e-001	-1.306e-007
134	2.973e-004	-1.772e-004	-1.129e-002	1.310e-002	-5.444e-002	5.450e-009
135	7.325e-004	9.642e-005	3.742e-002	-5.447e-002	-2.040e-001	3.022e-008
136	7.515e-005	-4.543e-005	-1.996e-006	-1.055e-003	-5.259e-004	-7.009e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	7.597e-005	1.627e-005	-1.179e-006	2.434e-003	-6.057e-004	-2.739e-007
139	7.089e-005	-2.907e-004	-1.192e-005	3.224e-002	-5.804e-004	-8.627e-008
140	7.636e-005	1.982e-004	2.650e-005	-9.504e-002	5.271e-004	-4.660e-007
141	-1.599e-005	-2.027e-004	1.686e-003	-2.178e-002	2.461e-003	9.566e-008
142	-1.445e-004	-5.961e-005	-6.699e-003	8.026e-002	5.888e-002	-4.408e-007
143	7.515e-005	-4.544e-005	-1.996e-006	-1.050e-003	5.591e-004	-6.516e-008
144	-1.828e-004	-2.473e-004	1.128e-002	1.292e-002	5.460e-002	-1.051e-007
145	-5.961e-004	8.337e-005	-3.735e-002	-5.440e-002	2.041e-001	1.247e-007
146	-1.736e-004	-2.206e-004	1.003e-002	-1.795e-002	3.893e-002	-8.069e-008
147	-4.736e-004	2.353e-005	-3.607e-002	5.953e-002	1.342e-001	-1.267e-007
148	-3.951e-009	-2.018e-004	4.455e-011	-2.031e-002	4.939e-004	-3.132e-008
149	-8.394e-009	-7.146e-005	-8.605e-011	1.023e-003	-5.095e-004	1.088e-007
150	6.109e-007	-1.437e-005	-4.516e-005	1.201e-003	8.254e-004	-2.075e-008
151	2.989e-009	-6.106e-005	-2.459e-010	8.709e-002	-9.210e-004	3.983e-008

Vettori modali 54 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.539e-003	3.012e-004	-4.557e-004	-3.417e-003	2.833e-003	3.129e-007
2	9.443e-004	-2.734e-004	7.275e-004	-1.980e-003	-4.581e-003	2.362e-007
3	5.029e-004	3.438e-004	-1.993e-004	4.103e-003	-1.580e-003	1.934e-007
4	3.843e-004	-2.326e-004	-2.838e-004	-8.430e-003	-9.214e-003	-7.347e-008
5	8.396e-005	3.153e-005	-2.988e-003	-3.798e-002	-2.429e-002	-1.186e-003
6	1.110e-004	-2.944e-005	2.596e-003	3.333e-002	9.671e-003	-1.506e-003
7	3.358e-004	5.134e-005	-2.205e-004	9.698e-003	-1.017e-002	7.422e-008

Vettori modali 54 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
8	4.378e-004	-1.524e-005	-3.186e-004	-4.741e-003	-2.960e-003	-2.521e-007
9	8.676e-004	2.398e-005	7.453e-004	1.214e-003	-6.034e-003	-3.139e-007
10	1.470e-003	2.822e-005	-4.449e-004	4.274e-003	2.255e-003	-8.089e-007
11	2.056e-003	1.180e-004	8.453e-003	-2.928e-004	-3.132e-002	4.425e-004
12	2.222e-003	-2.016e-004	-2.201e-002	4.694e-004	-2.435e-002	9.822e-005
13	1.984e-003	2.727e-004	2.209e-002	-8.309e-004	-2.904e-002	7.558e-005
14	1.191e-004	-6.798e-004	-2.968e-003	3.776e-002	-2.357e-002	1.527e-003
15	1.464e-004	8.156e-004	2.525e-003	-3.248e-002	9.724e-003	1.839e-003
16	0.000e+000	0.000e+000	0.000e+000	-3.703e-002	-1.698e-004	-8.615e-004
17	0.000e+000	0.000e+000	0.000e+000	2.011e-003	4.379e-005	-3.766e-004
18	2.882e-005	-3.639e-006	-3.133e-006	1.201e-002	-1.027e-005	3.062e-004
19	0.000e+000	0.000e+000	0.000e+000	3.202e-002	3.446e-005	-1.154e-003
20	1.063e-003	7.007e-005	-1.829e-002	-2.949e-002	-2.431e-002	-2.349e-003
21	7.805e-004	4.387e-006	8.618e-004	1.139e-003	1.475e-002	-1.919e-003
22	9.725e-004	-4.143e-005	1.666e-002	2.845e-002	-1.777e-003	-2.336e-003
23	1.822e-003	7.095e-006	-2.539e-002	1.679e-003	-2.433e-002	-1.176e-003
24	1.595e-003	1.705e-006	1.016e-003	-4.812e-004	5.454e-003	-1.516e-003
25	1.915e-003	4.374e-005	2.432e-002	1.240e-003	-1.541e-002	-9.528e-004
26	2.080e-003	3.607e-005	7.329e-004	-2.375e-005	-3.460e-002	1.856e-004
27	1.854e-003	-4.341e-004	-2.512e-002	-1.545e-003	-2.407e-002	1.038e-003
28	1.659e-003	6.703e-005	9.969e-004	4.618e-004	5.055e-003	1.297e-003
29	1.957e-003	5.249e-004	2.377e-002	-1.692e-003	-1.539e-002	8.216e-004
30	1.131e-003	-5.885e-004	-1.812e-002	2.908e-002	-2.380e-002	2.302e-003
31	8.737e-004	5.991e-005	8.450e-004	-1.112e-003	1.185e-002	1.865e-003
32	1.040e-003	7.035e-004	1.620e-002	-2.770e-002	-1.740e-003	2.304e-003
33	0.000e+000	-6.790e-004	0.000e+000	3.677e-002	-1.629e-004	1.421e-003
34	0.000e+000	6.177e-005	0.000e+000	-1.974e-003	3.865e-005	1.196e-003
35	1.174e-005	2.966e-004	-2.257e-006	-1.169e-002	-1.202e-005	8.747e-004
36	0.000e+000	8.162e-004	0.000e+000	-3.111e-002	3.836e-005	1.739e-003
37	-8.985e-003	1.746e-002	-2.220e-004	-1.565e-002	-4.181e-003	3.044e-002
38	3.805e-003	-1.785e-002	-7.665e-004	1.957e-002	1.940e-003	1.202e-002
39	2.521e-002	-1.490e-003	-1.705e-002	2.462e-003	6.714e-002	-1.709e-005
40	-1.452e-002	1.853e-003	1.734e-002	-2.838e-003	-1.956e-002	4.224e-005
41	-8.688e-003	-1.973e-002	-1.598e-004	1.895e-002	-4.096e-003	-3.000e-002
42	3.853e-003	2.016e-002	-8.852e-004	-2.293e-002	1.901e-003	-1.177e-002
43	-2.294e-003	1.117e-002	2.548e-003	3.263e-002	2.651e-002	6.207e-002
44	1.431e-003	-1.302e-002	-4.117e-003	-3.242e-002	-9.380e-003	2.554e-002
45	3.675e-002	-1.436e-003	-1.180e-002	-2.791e-003	-3.372e-002	-1.324e-004
46	-9.614e-003	1.699e-003	1.231e-002	3.483e-003	3.656e-002	8.900e-006
47	-2.218e-003	-1.325e-002	2.651e-003	-3.694e-002	2.571e-002	-6.154e-002
48	1.430e-003	1.515e-002	-4.281e-003	3.676e-002	-9.505e-003	-2.538e-002
49	1.101e-002	2.663e-003	5.407e-003	-2.764e-002	1.588e-002	9.524e-002
50	-2.195e-003	-2.784e-003	-7.556e-003	2.188e-002	1.358e-004	3.972e-002
51	-2.265e-002	1.915e-003	-1.029e-002	-2.571e-002	-3.692e-003	2.959e-002
52	-9.709e-003	-2.009e-003	4.903e-003	2.299e-002	9.586e-003	-9.816e-003
53	-1.461e-002	1.138e-003	-1.304e-002	1.356e-002	-2.327e-002	-5.122e-002
54	2.804e-003	-1.203e-003	9.907e-003	-3.177e-003	1.904e-002	-3.214e-002
55	5.043e-003	3.424e-004	-6.081e-003	-1.831e-003	-4.284e-002	-2.533e-004
56	1.213e-002	-3.782e-004	6.805e-003	1.765e-003	2.849e-002	-2.607e-005
57	-1.443e-002	-4.457e-004	-1.353e-002	-1.240e-002	-2.335e-002	5.113e-002
58	2.810e-003	4.353e-004	1.008e-002	1.305e-003	1.904e-002	3.216e-002
59	-2.261e-002	-1.227e-003	-9.905e-003	2.720e-002	-3.850e-003	-2.900e-002
60	-9.723e-003	1.242e-003	4.115e-003	-2.403e-002	9.592e-003	9.868e-003
61	1.073e-002	-1.989e-003	5.552e-003	2.456e-002	1.565e-002	-9.460e-002
62	-2.236e-003	2.029e-003	-7.765e-003	-1.828e-002	1.450e-004	-3.965e-002

Vettori modali 54 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
63	5.948e-004	-2.123e-002	-1.059e-002	2.228e-002	9.600e-003	1.240e-001
64	1.503e-002	-7.751e-004	1.339e-003	-4.352e-004	-1.427e-002	-1.976e-004
65	5.840e-004	1.992e-002	-1.083e-002	-2.365e-002	9.662e-003	-1.239e-001
66	1.180e-002	2.193e-002	8.024e-003	-2.113e-002	-1.528e-002	1.471e-001
67	2.248e-003	7.799e-004	-2.968e-004	3.505e-004	2.067e-002	-2.558e-004
68	1.166e-002	-2.077e-002	8.210e-003	2.228e-002	-1.463e-002	-1.469e-001
69	-5.444e-002	4.754e-004	-6.115e-002	-1.382e-001	1.423e-002	1.672e-001
70	-8.234e-002	1.001e-003	-7.892e-002	8.246e-002	1.095e-002	-8.326e-002
71	5.300e-003	-1.599e-003	-1.360e-002	-1.098e-001	7.964e-003	2.125e-001
72	-8.254e-002	-1.100e-003	-7.810e-002	-8.011e-002	1.115e-002	8.390e-002
73	-5.476e-002	-5.833e-004	-5.984e-002	1.372e-001	1.433e-002	-1.675e-001
74	1.000e-002	-5.777e-005	-4.429e-003	-1.770e-003	1.751e-002	-3.780e-004
75	5.250e-003	1.511e-003	-1.388e-002	1.079e-001	7.665e-003	-2.125e-001
76	9.135e-004	1.873e-003	1.064e-002	1.082e-001	-1.508e-002	2.016e-001
77	-7.700e-002	1.293e-003	7.403e-002	8.067e-002	2.563e-004	6.241e-002
78	-4.435e-002	6.931e-004	5.831e-002	-1.287e-001	1.559e-002	-1.644e-001
79	1.693e-002	8.218e-005	5.789e-003	1.793e-003	3.093e-002	-2.585e-004
80	-4.412e-002	-5.400e-004	5.970e-002	1.299e-001	1.558e-002	1.641e-001
81	-7.682e-002	-1.154e-003	7.493e-002	-8.319e-002	2.272e-004	-6.206e-002
82	1.009e-003	-1.750e-003	1.087e-002	-1.066e-001	-1.512e-002	-2.019e-001
83	6.431e-003	1.900e-003	-1.395e-002	-9.688e-002	2.250e-004	1.709e-001
84	-3.491e-004	1.394e-003	1.211e-002	-9.592e-002	-3.326e-003	-1.711e-001
85	-3.895e-004	-1.716e-003	1.186e-002	9.858e-002	-2.802e-003	1.706e-001
86	2.219e-002	-1.923e-004	5.306e-003	1.169e-003	1.678e-002	-2.195e-004
87	6.319e-003	-1.530e-003	-1.426e-002	9.406e-002	-1.157e-004	-1.711e-001
88	1.579e-002	2.250e-004	-3.632e-003	-1.171e-003	3.318e-002	-2.739e-004
89	6.740e-003	1.488e-003	-1.460e-002	-1.239e-001	3.278e-003	1.114e-001
90	-1.979e-002	1.132e-003	-8.331e-002	-8.044e-002	1.467e-002	-3.414e-003
91	1.512e-003	7.583e-004	-6.115e-002	1.506e-001	2.607e-002	-6.466e-002
92	2.159e-002	3.729e-004	-1.032e-003	-4.277e-004	3.747e-002	-2.043e-004
93	1.863e-003	-1.776e-005	-6.136e-002	-1.506e-001	2.609e-002	6.406e-002
94	-1.946e-002	-4.082e-004	-8.342e-002	8.063e-002	1.471e-002	4.128e-003
95	6.602e-003	-7.923e-004	-1.493e-002	1.224e-001	3.324e-003	-1.106e-001
96	1.085e-003	-1.679e-003	1.146e-002	1.336e-001	2.230e-002	1.190e-001
97	-2.902e-002	-1.255e-003	8.725e-002	9.445e-002	2.024e-002	-3.808e-003
98	-1.981e-003	-8.114e-004	6.788e-002	-1.538e-001	1.818e-002	-8.432e-002
99	2.485e-002	-3.552e-004	5.202e-003	6.344e-004	1.612e-002	-3.220e-004
100	-1.465e-003	1.093e-004	6.836e-002	1.542e-001	1.804e-002	8.346e-002
101	-2.852e-002	5.720e-004	8.759e-002	-9.512e-002	1.996e-002	4.727e-003
102	1.048e-003	1.026e-003	1.177e-002	-1.323e-001	2.188e-002	-1.183e-001
103	7.916e-003	1.387e-003	-1.374e-002	7.323e-002	1.300e-002	-6.485e-002
104	5.416e-003	-1.114e-003	6.499e-003	-7.852e-002	4.499e-002	-6.857e-002
105	2.793e-002	-3.920e-004	2.447e-003	3.603e-004	1.814e-002	5.609e-004
106	2.690e-002	3.741e-004	4.648e-003	-2.550e-004	3.485e-002	6.705e-004
107	5.477e-003	5.220e-004	6.158e-003	7.925e-002	4.488e-002	7.014e-002
108	8.016e-003	-7.784e-004	-1.346e-002	-7.387e-002	1.236e-002	6.668e-002
109	9.254e-003	4.356e-003	-1.128e-002	3.299e-002	1.649e-002	-9.938e-003
110	2.900e-002	-2.551e-004	1.803e-003	1.136e-004	-8.329e-003	1.136e-003
111	2.889e-002	2.183e-004	7.513e-003	-1.429e-004	-9.477e-006	1.205e-003
112	8.913e-003	-4.305e-003	-1.245e-003	-3.287e-002	4.141e-002	-1.108e-002
113	8.947e-003	3.980e-003	-1.510e-003	3.326e-002	4.067e-002	1.288e-002
114	9.294e-003	-4.075e-003	-1.115e-002	-3.303e-002	1.543e-002	1.195e-002
115	1.002e-002	1.932e-005	-7.634e-003	-2.658e-003	2.436e-002	-5.376e-002
116	7.280e-002	6.094e-006	-8.129e-003	6.506e-003	9.858e-003	-1.172e-001
117	7.701e-002	-7.225e-006	-9.116e-004	1.924e-002	-4.640e-003	9.803e-002

Vettori modali 54 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
118	2.922e-002	-2.043e-005	5.027e-003	-9.357e-005	-1.914e-002	1.286e-003
119	7.619e-002	-3.334e-005	-1.008e-003	-1.935e-002	-4.276e-003	-9.765e-002
120	7.241e-002	-4.574e-005	-8.188e-003	-6.257e-003	1.059e-002	1.156e-001
121	1.000e-002	-5.743e-005	-7.547e-003	2.933e-003	2.545e-002	5.493e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	8.397e-005	3.154e-005	-2.988e-003	-3.439e-002	-8.403e-003	4.087e-007
124	1.110e-004	-2.946e-005	2.596e-003	2.894e-002	-2.090e-002	3.147e-007
125	2.056e-003	1.180e-004	8.453e-003	3.104e-002	-3.557e-002	-5.569e-007
126	2.222e-003	-2.015e-004	-2.201e-002	3.367e-003	-3.445e-002	2.280e-008
127	1.984e-003	2.727e-004	2.209e-002	-1.537e-003	-2.290e-002	-2.761e-007
128	1.493e-008	5.357e-009	2.179e-010	-4.039e-002	6.858e-004	-1.294e-007
129	2.716e-008	2.759e-009	-2.864e-011	2.290e-003	-5.988e-004	2.238e-007
130	2.884e-005	-3.642e-006	-3.133e-006	1.991e-003	7.042e-004	-8.083e-008
131	9.022e-009	-4.505e-009	-2.953e-010	3.610e-002	-6.567e-004	-8.100e-008
132	1.063e-003	7.009e-005	-1.829e-002	-3.852e-002	-1.082e-001	-3.637e-008
133	9.725e-004	-4.145e-005	1.666e-002	3.803e-002	-5.783e-002	-1.186e-007
134	1.822e-003	7.118e-006	-2.539e-002	1.009e-002	-8.091e-002	-4.674e-007
135	1.915e-003	4.371e-005	2.432e-002	-7.325e-003	-1.371e-001	2.867e-008
136	2.080e-003	3.607e-005	7.329e-004	-6.231e-004	-3.057e-002	2.909e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.056e-003	1.180e-004	8.453e-003	-3.183e-002	-3.545e-002	1.349e-007
139	2.222e-003	-2.016e-004	-2.201e-002	-4.879e-003	-3.435e-002	7.389e-008
140	1.984e-003	2.728e-004	2.209e-002	7.758e-004	-2.300e-002	4.071e-007
141	1.191e-004	-6.798e-004	-2.968e-003	3.662e-002	-9.866e-003	3.897e-008
142	1.464e-004	8.156e-004	2.525e-003	-2.899e-002	-2.168e-002	4.979e-008
143	2.080e-003	3.607e-005	7.329e-004	5.743e-004	-3.065e-002	1.165e-007
144	1.854e-003	-4.341e-004	-2.512e-002	-7.506e-003	-7.968e-002	9.986e-008
145	1.957e-003	5.249e-004	2.377e-002	5.885e-003	-1.346e-001	-1.376e-007
146	1.131e-003	-5.885e-004	-1.812e-002	3.552e-002	-1.082e-001	1.211e-007
147	1.040e-003	7.035e-004	1.620e-002	-3.614e-002	-5.723e-002	1.044e-007
148	5.005e-009	-6.790e-004	-2.260e-010	3.751e-002	1.152e-003	3.264e-008
149	1.558e-008	6.177e-005	-5.515e-011	-2.255e-003	-1.112e-003	-2.555e-007
150	1.174e-005	2.966e-004	-2.257e-006	-2.550e-003	1.175e-003	6.754e-008
151	2.669e-009	8.162e-004	8.826e-011	-3.408e-002	-1.188e-003	4.918e-008

Vettori modali 55 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	5.942e-004	1.384e-005	8.551e-004	5.466e-003	-1.045e-001	2.166e-006
2	-1.413e-004	4.849e-007	1.357e-003	1.618e-002	1.283e-001	1.892e-006
3	2.918e-004	1.323e-004	7.071e-004	1.143e-002	-8.776e-002	7.647e-007
4	-1.134e-004	6.177e-005	-3.149e-004	3.692e-002	7.125e-002	-4.029e-007
5	2.059e-004	5.190e-006	1.697e-003	2.019e-002	9.265e-002	-2.755e-003
6	-1.475e-004	-9.003e-006	2.595e-003	3.161e-002	-9.381e-002	1.983e-003
7	-1.257e-004	-3.023e-005	-2.943e-004	-3.670e-002	7.119e-002	2.414e-007
8	2.837e-004	-6.949e-006	6.871e-004	-1.179e-002	-8.786e-002	-5.115e-007
9	-1.588e-004	1.151e-005	1.363e-003	-1.637e-002	1.280e-001	-1.376e-006
10	5.839e-004	1.086e-004	8.586e-004	-5.074e-003	-1.048e-001	-1.605e-006
11	6.100e-004	5.331e-005	-8.776e-003	-6.686e-005	-3.489e-002	7.070e-005
12	-4.490e-004	-1.139e-005	1.205e-003	1.017e-004	7.848e-003	2.220e-005
13	1.189e-003	7.821e-005	7.857e-003	-2.130e-004	-1.773e-002	1.296e-005
14	2.153e-004	-9.014e-005	1.701e-003	-2.024e-002	9.279e-002	2.845e-003
15	-1.437e-004	1.897e-004	2.580e-003	-3.143e-002	-9.378e-002	-1.948e-003
16	0.000e+000	0.000e+000	0.000e+000	2.172e-002	5.743e-004	-2.239e-003
17	0.000e+000	0.000e+000	0.000e+000	-3.951e-002	-1.923e-005	2.128e-004
18	-4.677e-006	-1.669e-006	-2.555e-005	-1.539e-002	1.808e-004	-3.328e-004
19	0.000e+000	0.000e+000	0.000e+000	3.286e-002	-5.538e-004	1.539e-003

Vettori modali 55 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
20	4.506e-004	2.102e-005	6.695e-003	3.505e-003	6.757e-002	6.411e-004
21	1.960e-004	3.185e-005	-1.681e-002	-2.169e-002	-1.147e-002	-5.508e-004
22	-3.576e-005	-1.144e-005	1.213e-002	1.216e-002	-7.131e-002	-8.906e-004
23	-1.505e-005	2.267e-006	4.655e-003	-9.137e-003	3.771e-002	1.184e-003
24	3.657e-004	8.590e-005	-1.948e-002	1.020e-002	-1.968e-002	-2.037e-004
25	3.322e-004	5.098e-006	1.221e-002	-9.392e-003	-4.452e-002	-1.617e-003
26	4.180e-004	3.991e-005	-1.375e-002	6.207e-006	-3.870e-003	3.373e-005
27	-7.980e-006	-3.122e-005	4.714e-003	9.165e-003	3.776e-002	-1.215e-003
28	3.776e-004	-5.286e-006	-1.947e-002	-1.020e-002	-1.979e-002	1.638e-004
29	3.378e-004	1.525e-004	1.207e-002	9.294e-003	-4.451e-002	1.599e-003
30	4.671e-004	-7.282e-005	6.733e-003	-3.594e-003	6.767e-002	-6.574e-004
31	2.128e-004	5.283e-005	-1.680e-002	2.169e-002	-1.199e-002	5.419e-004
32	-2.819e-005	1.789e-004	1.202e-002	-1.197e-002	-7.129e-002	8.896e-004
33	0.000e+000	-9.301e-005	0.000e+000	-2.178e-002	5.758e-004	2.391e-003
34	0.000e+000	9.494e-005	0.000e+000	3.949e-002	-2.055e-005	-6.596e-005
35	-6.798e-006	1.271e-004	-2.530e-005	1.544e-002	1.803e-004	4.662e-004
36	0.000e+000	1.833e-004	0.000e+000	-3.266e-002	-5.526e-004	-1.476e-003
37	3.480e-002	-7.503e-003	4.330e-003	4.060e-003	1.543e-002	-5.925e-002
38	-3.515e-002	-1.379e-002	4.420e-003	1.106e-002	-1.554e-002	6.666e-002
39	-1.148e-001	-2.982e-004	2.445e-003	5.727e-004	-2.636e-001	-3.126e-006
40	1.178e-001	5.444e-004	7.930e-003	-8.512e-004	2.748e-001	5.889e-006
41	3.486e-002	7.063e-003	4.342e-003	-3.302e-003	1.544e-002	5.935e-002
42	-3.514e-002	1.445e-002	4.393e-003	-1.210e-002	-1.555e-002	-6.663e-002
43	9.193e-003	-3.388e-003	6.889e-003	-1.574e-002	-9.957e-002	-1.157e-001
44	-9.120e-003	-7.975e-003	6.168e-003	-2.728e-002	1.013e-001	1.313e-001
45	-1.392e-001	-3.126e-004	3.643e-003	-5.559e-004	2.006e-001	-2.845e-005
46	1.454e-001	5.023e-004	7.867e-003	1.032e-003	-2.020e-001	-1.179e-006
47	9.207e-003	2.949e-003	6.908e-003	1.491e-002	-9.974e-002	1.159e-001
48	-9.119e-003	8.600e-003	6.130e-003	2.855e-002	1.012e-001	-1.313e-001
49	-3.773e-002	1.616e-004	9.446e-003	1.329e-002	-4.473e-002	-1.750e-001
50	3.905e-002	-7.717e-004	7.889e-003	2.110e-002	4.784e-002	1.992e-001
51	4.343e-002	1.307e-004	2.756e-002	2.979e-002	4.018e-002	-1.172e-001
52	-4.999e-002	-5.597e-004	3.160e-002	4.004e-002	-3.961e-002	1.217e-001
53	5.273e-002	9.765e-005	2.351e-002	-4.336e-002	1.251e-001	7.030e-002
54	-5.555e-002	-3.389e-004	2.890e-002	-4.808e-002	-1.271e-001	-8.642e-002
55	1.756e-002	6.307e-005	4.832e-003	-4.148e-004	2.100e-001	-5.501e-005
56	-1.465e-002	-1.127e-004	7.656e-003	5.087e-004	-2.145e-001	-8.590e-006
57	5.277e-002	3.018e-005	2.338e-002	4.358e-002	1.251e-001	-7.032e-002
58	-5.554e-002	1.098e-004	2.895e-002	4.753e-002	-1.271e-001	8.643e-002
59	4.344e-002	-3.185e-006	2.763e-002	-2.944e-002	4.015e-002	1.173e-001
60	-4.999e-002	3.306e-004	3.137e-002	-4.032e-002	-3.961e-002	-1.217e-001
61	-3.778e-002	-3.650e-005	9.471e-003	-1.398e-002	-4.477e-002	1.751e-001
62	3.904e-002	5.462e-004	7.839e-003	-2.003e-002	4.784e-002	-1.992e-001
63	3.564e-002	-4.140e-003	8.802e-003	-4.803e-003	-6.849e-002	1.170e-001
64	-3.154e-002	-2.144e-004	6.238e-003	-1.590e-004	1.018e-001	-4.339e-005
65	3.564e-002	3.755e-003	8.743e-003	4.372e-003	-6.848e-002	-1.170e-001
66	-3.308e-002	2.212e-003	1.115e-002	-1.052e-002	6.888e-002	-7.549e-002
67	3.431e-002	1.709e-004	4.934e-003	4.454e-005	-1.001e-001	-6.212e-005
68	-3.311e-002	-1.934e-003	1.118e-002	1.065e-002	6.901e-002	7.548e-002
69	1.687e-002	1.905e-004	1.757e-002	2.986e-002	-2.121e-003	3.675e-002
70	-5.630e-003	3.846e-004	2.020e-002	-2.041e-002	-3.755e-002	4.168e-002
71	-1.039e-002	-5.800e-004	9.615e-003	-1.481e-003	-7.291e-002	3.061e-002
72	-5.670e-003	-3.941e-004	2.037e-002	2.099e-002	-3.751e-002	-4.154e-002
73	1.681e-002	-2.019e-004	1.789e-002	-3.005e-002	-2.099e-003	-3.681e-002
74	2.413e-002	-6.525e-006	4.642e-003	-4.646e-004	3.331e-002	-7.996e-005

Vettori modali 55 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
75	-1.040e-002	5.725e-004	9.547e-003	8.979e-004	-7.298e-002	-3.061e-002
76	1.188e-002	-7.832e-005	1.275e-002	2.932e-002	6.995e-002	2.912e-002
77	-1.658e-002	-4.117e-005	4.074e-002	4.147e-002	3.763e-002	6.234e-002
78	-3.040e-002	-3.358e-006	3.295e-002	-6.715e-002	5.320e-003	-1.049e-002
79	-1.979e-002	3.450e-005	4.960e-003	3.584e-004	-2.699e-002	-6.960e-005
80	-3.036e-002	7.102e-005	3.318e-002	6.726e-002	5.315e-003	1.048e-002
81	-1.657e-002	1.064e-004	4.085e-002	-4.191e-002	3.762e-002	-6.228e-002
82	1.190e-002	1.401e-004	1.279e-002	-2.887e-002	6.993e-002	-2.926e-002
83	-1.867e-002	-3.502e-004	6.384e-003	-4.203e-002	-1.736e-002	6.533e-002
84	1.973e-002	8.313e-004	9.903e-003	1.397e-002	1.421e-002	1.539e-002
85	1.972e-002	-8.923e-004	9.856e-003	-1.328e-002	1.433e-002	-1.558e-002
86	-1.578e-002	-3.275e-005	2.789e-003	3.193e-004	6.314e-002	-1.023e-004
87	-1.870e-002	4.702e-004	6.309e-003	4.128e-002	-1.744e-002	-6.534e-002
88	2.152e-002	6.818e-005	2.612e-003	-3.223e-004	-5.737e-002	-5.054e-005
89	-1.619e-002	4.716e-004	8.474e-003	-9.470e-002	5.270e-002	9.705e-002
90	-6.177e-002	3.544e-004	-3.925e-002	-6.369e-002	1.420e-002	3.699e-002
91	-3.506e-002	2.315e-004	-3.583e-002	6.867e-002	-2.429e-002	-1.254e-001
92	1.154e-002	1.050e-004	-5.977e-003	-1.106e-004	-6.278e-002	-1.358e-005
93	-3.499e-002	-2.191e-005	-3.589e-002	-6.868e-002	-2.429e-002	1.253e-001
94	-6.169e-002	-1.485e-004	-3.928e-002	6.376e-002	1.421e-002	-3.685e-002
95	-1.623e-002	-2.727e-004	8.394e-003	9.434e-002	5.271e-002	-9.679e-002
96	1.715e-002	-3.013e-005	1.224e-002	-5.640e-002	-5.073e-002	-6.215e-002
97	5.348e-002	-4.875e-005	-1.431e-002	-3.884e-002	-1.089e-002	-3.666e-002
98	3.406e-002	-6.659e-005	-1.757e-002	2.283e-002	2.894e-002	1.016e-001
99	-4.840e-003	-8.337e-005	-6.000e-003	1.863e-004	6.878e-002	-9.353e-005
100	3.417e-002	-9.970e-005	-1.745e-002	-2.279e-002	2.891e-002	-1.017e-001
101	5.357e-002	-1.144e-004	-1.425e-002	3.866e-002	-1.096e-002	3.686e-002
102	1.714e-002	-1.274e-004	1.230e-002	5.677e-002	-5.083e-002	6.222e-002
103	-6.772e-003	6.759e-004	2.062e-002	8.664e-002	9.812e-002	-5.550e-002
104	8.392e-003	1.245e-004	2.375e-002	6.425e-002	-9.003e-002	3.580e-002
105	1.543e-003	-9.970e-005	-1.505e-002	1.248e-004	4.965e-002	1.089e-004
106	6.186e-003	9.372e-005	-1.406e-002	-2.410e-005	-4.367e-002	2.420e-004
107	8.407e-003	-2.911e-004	2.368e-002	-6.399e-002	-9.004e-002	-3.552e-002
108	-6.747e-003	-5.148e-004	2.069e-002	-8.677e-002	9.798e-002	5.607e-002
109	2.021e-005	1.251e-003	3.655e-002	8.009e-002	7.457e-002	-2.077e-002
110	4.085e-003	-7.429e-005	-2.233e-002	6.531e-005	3.028e-002	2.463e-004
111	3.960e-003	3.950e-005	-2.115e-002	1.520e-005	-3.337e-002	3.514e-004
112	2.316e-003	-1.597e-004	3.816e-002	7.037e-002	-6.555e-002	1.821e-002
113	2.325e-003	4.007e-005	3.811e-002	-7.021e-002	-6.570e-002	-1.780e-002
114	3.111e-005	-1.196e-003	3.658e-002	-8.007e-002	7.433e-002	2.139e-002
115	1.317e-003	-4.530e-004	4.438e-002	-7.648e-002	3.894e-003	-8.137e-003
116	1.073e-002	-3.141e-004	7.616e-003	-7.663e-002	1.362e-003	-1.747e-002
117	1.128e-002	-1.702e-004	-2.124e-002	-3.284e-002	-1.169e-003	1.489e-002
118	4.042e-003	-2.356e-005	-2.520e-002	1.333e-005	-3.701e-003	2.850e-004
119	1.113e-002	1.227e-004	-2.124e-002	3.282e-002	-1.090e-003	-1.490e-002
120	1.069e-002	2.670e-004	7.606e-003	7.664e-002	1.520e-003	1.716e-002
121	1.312e-003	4.071e-004	4.439e-002	7.657e-002	4.131e-003	8.518e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.059e-004	5.196e-006	1.697e-003	2.137e-002	-6.612e-002	1.913e-007
124	-1.475e-004	-9.002e-006	2.595e-003	3.194e-002	7.031e-002	7.883e-008
125	6.100e-004	5.330e-005	-8.776e-003	-1.116e-002	6.025e-003	-5.909e-007
126	-4.490e-004	-1.139e-005	1.205e-003	-3.360e-003	9.141e-002	-3.746e-007
127	1.189e-003	7.820e-005	7.857e-003	-4.050e-003	-7.736e-002	1.928e-007
128	6.309e-009	1.768e-009	3.315e-010	2.090e-002	1.100e-002	1.735e-008
129	1.060e-008	-6.264e-009	-5.169e-010	-4.556e-002	-1.095e-002	-1.107e-007

Vettori modali 55 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
130	-4.679e-006	-1.663e-006	-2.555e-005	5.876e-003	1.110e-002	5.296e-008
131	2.294e-009	1.426e-009	2.236e-010	3.282e-002	-1.115e-002	-1.330e-007
132	4.506e-004	2.102e-005	6.695e-003	2.346e-003	-9.775e-002	1.210e-008
133	-3.575e-005	-1.144e-005	1.213e-002	1.351e-002	3.535e-002	1.586e-007
134	-1.505e-005	2.266e-006	4.655e-003	-1.042e-002	8.863e-002	2.905e-007
135	3.322e-004	5.089e-006	1.221e-002	-1.329e-002	3.861e-002	2.312e-007
136	4.180e-004	3.992e-005	-1.375e-002	1.268e-002	-4.865e-002	2.034e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	6.100e-004	5.331e-005	-8.776e-003	1.081e-002	6.053e-003	6.461e-007
139	-4.490e-004	-1.138e-005	1.205e-003	2.972e-003	9.144e-002	3.954e-007
140	1.189e-003	7.822e-005	7.857e-003	3.813e-003	-7.738e-002	-2.741e-007
141	2.153e-004	-9.015e-005	1.701e-003	-2.082e-002	-6.626e-002	-1.160e-007
142	-1.437e-004	1.897e-004	2.580e-003	-3.195e-002	7.022e-002	-1.508e-008
143	4.180e-004	3.990e-005	-1.375e-002	-1.267e-002	-4.867e-002	-1.336e-007
144	-7.978e-006	-3.122e-005	4.714e-003	1.104e-002	8.889e-002	-4.812e-007
145	3.377e-004	1.525e-004	1.207e-002	1.299e-002	3.902e-002	-4.042e-007
146	4.671e-004	-7.282e-005	6.733e-003	-3.058e-003	-9.773e-002	-1.136e-008
147	-2.818e-005	1.790e-004	1.202e-002	-1.307e-002	3.578e-002	-1.647e-007
148	3.870e-009	-9.301e-005	2.232e-010	-2.158e-002	1.106e-002	-2.311e-008
149	8.045e-009	9.494e-005	-5.041e-010	4.555e-002	-1.103e-002	1.766e-007
150	-6.801e-006	1.271e-004	-2.530e-005	-5.698e-003	1.117e-002	-8.587e-008
151	1.550e-009	1.833e-004	2.628e-010	-3.242e-002	-1.122e-002	1.012e-007

Vettori modali 56 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-3.174e-003	-1.199e-003	-3.501e-004	-1.387e-002	-1.001e-002	8.405e-007
2	-1.996e-003	1.382e-003	2.026e-004	5.342e-003	-1.344e-002	1.641e-007
3	-1.112e-003	-1.119e-003	-2.667e-004	1.506e-002	-3.029e-004	3.145e-007
4	-8.246e-004	1.014e-003	1.048e-004	-1.051e-002	-1.007e-003	1.410e-007
5	-2.181e-004	8.657e-005	-1.628e-005	-1.014e-003	1.593e-002	3.210e-003
6	-2.205e-004	-9.419e-005	-2.947e-004	-2.825e-003	1.320e-002	3.119e-003
7	-8.432e-004	4.912e-005	1.807e-004	3.300e-003	9.511e-003	-4.543e-007
8	-1.154e-003	-1.868e-004	8.998e-005	-1.612e-002	1.637e-002	3.389e-007
9	-2.056e-003	2.240e-004	-2.643e-004	-6.976e-003	-6.600e-003	7.922e-007
10	-3.445e-003	-4.332e-004	-1.839e-004	1.671e-002	-6.554e-004	2.642e-006
11	-4.169e-003	-5.980e-004	3.923e-004	1.247e-002	-1.531e-003	-3.002e-003
12	-4.107e-003	1.830e-003	-5.435e-004	-3.410e-002	1.260e-003	-1.202e-003
13	-4.122e-003	-1.880e-003	5.644e-004	3.732e-002	1.213e-003	-1.384e-003
14	-3.437e-004	3.151e-003	-2.108e-004	1.842e-003	-1.477e-002	-4.241e-003
15	-3.341e-004	-3.190e-003	5.269e-004	-5.745e-003	-1.219e-002	-4.076e-003
16	0.000e+000	0.000e+000	0.000e+000	2.016e-004	1.305e-004	2.194e-003
17	0.000e+000	0.000e+000	0.000e+000	-2.161e-004	-6.716e-005	6.918e-004
18	-9.820e-005	-7.926e-005	1.354e-005	-1.515e-003	-4.070e-005	-8.685e-004
19	0.000e+000	0.000e+000	0.000e+000	-4.114e-003	1.173e-004	2.299e-003
20	-2.042e-003	3.050e-004	3.608e-003	1.355e-002	1.159e-002	4.285e-003
21	-1.997e-003	-1.840e-005	-8.527e-005	-8.281e-005	-3.427e-003	4.759e-003
22	-1.900e-003	-3.319e-004	-5.083e-003	-1.499e-002	9.653e-003	4.356e-003
23	-3.611e-003	9.073e-004	7.981e-003	-1.089e-003	6.426e-003	2.327e-003
24	-3.701e-003	1.263e-006	-7.982e-005	1.033e-004	-3.544e-003	2.481e-003
25	-3.751e-003	-9.337e-004	-9.324e-003	2.891e-003	5.433e-003	2.590e-003
26	-4.173e-003	-3.735e-005	-1.795e-005	4.725e-005	-1.841e-003	-1.628e-003
27	-3.255e-003	2.279e-003	-9.435e-003	-1.667e-003	-4.385e-003	-2.207e-003
28	-3.465e-003	-2.732e-005	-4.504e-005	-8.052e-005	7.851e-003	-1.953e-003
29	-3.276e-003	-2.314e-003	1.079e-002	3.429e-003	-3.507e-003	-2.300e-003
30	-1.899e-003	2.749e-003	-4.814e-003	1.514e-002	-1.003e-002	-3.219e-003
31	-1.994e-003	-2.506e-005	-5.793e-005	3.943e-005	1.502e-002	-3.638e-003

Vettori modali 56 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
32	-1.817e-003	-2.792e-003	6.306e-003	-1.658e-002	-8.227e-003	-3.244e-003
33	0.000e+000	3.138e-003	0.000e+000	3.031e-003	-1.224e-004	-4.360e-003
34	0.000e+000	-4.531e-005	0.000e+000	1.519e-004	6.517e-005	-4.282e-003
35	1.750e-006	-1.046e-003	-1.238e-005	-2.234e-003	3.591e-005	-4.434e-003
36	0.000e+000	-3.180e-003	0.000e+000	-7.007e-003	-1.071e-004	-4.288e-003
37	5.763e-003	7.669e-002	1.251e-003	-1.683e-001	2.861e-003	2.563e-003
38	4.746e-003	-7.383e-002	-1.618e-003	1.644e-001	2.441e-003	3.299e-003
39	3.766e-003	1.208e-001	-4.421e-004	-2.402e-001	2.032e-002	2.949e-003
40	3.894e-003	-1.227e-001	4.800e-004	2.423e-001	2.068e-002	2.278e-003
41	-5.735e-003	7.643e-002	-1.330e-003	-1.601e-001	-1.693e-003	-1.032e-002
42	-4.769e-003	-7.339e-002	1.720e-003	1.558e-001	-1.303e-003	-9.620e-003
43	1.682e-003	8.605e-002	2.496e-003	1.501e-001	-1.579e-002	1.917e-003
44	1.426e-003	-8.382e-002	-2.912e-003	-1.442e-001	-1.292e-002	3.478e-003
45	8.582e-003	1.271e-001	-3.326e-004	2.314e-001	-5.166e-003	7.099e-003
46	8.762e-003	-1.284e-001	3.870e-004	-2.347e-001	-5.375e-003	5.939e-003
47	-1.144e-003	8.330e-002	-2.425e-003	1.499e-001	1.666e-002	-1.640e-002
48	-8.976e-004	-8.085e-002	2.882e-003	-1.438e-001	1.397e-002	-1.516e-002
49	-4.895e-003	-2.511e-002	3.753e-003	1.480e-001	-2.653e-003	1.240e-003
50	-3.920e-003	2.465e-002	-4.212e-003	-1.481e-001	-1.917e-003	3.667e-003
51	-3.563e-003	-2.555e-002	2.396e-002	-4.910e-002	-6.486e-003	-7.882e-003
52	-3.825e-003	2.505e-002	-2.626e-002	4.505e-002	-6.072e-003	-5.687e-003
53	1.134e-003	-2.557e-002	-1.386e-002	-6.321e-002	-1.032e-002	-7.925e-003
54	4.277e-004	2.503e-002	1.144e-002	6.708e-002	-1.023e-002	-8.472e-003
55	8.751e-004	-2.516e-002	-2.114e-004	1.487e-001	-1.415e-002	1.145e-002
56	8.760e-004	2.459e-002	2.818e-004	-1.452e-001	-1.438e-002	9.780e-003
57	-6.381e-003	-2.560e-002	1.651e-002	-5.537e-002	-7.452e-003	1.032e-002
58	-5.833e-003	2.507e-002	-1.385e-002	5.940e-002	-7.806e-003	1.016e-002
59	-4.777e-003	-2.562e-002	-2.006e-002	-5.304e-002	-7.523e-004	-1.693e-002
60	-4.705e-003	2.512e-002	2.254e-002	4.862e-002	-1.229e-003	-1.505e-002
61	6.267e-003	-2.521e-002	-3.526e-003	1.406e-001	5.947e-003	-2.278e-002
62	5.373e-003	2.475e-002	4.045e-003	-1.405e-001	5.347e-003	-2.098e-002
63	-5.496e-004	5.566e-002	-5.399e-003	3.512e-002	1.120e-002	1.113e-002
64	-2.388e-003	5.958e-002	2.337e-004	2.575e-002	4.571e-004	1.693e-002
65	4.248e-003	5.423e-002	5.156e-003	3.422e-002	-9.186e-003	-3.973e-003
66	-9.623e-004	-5.555e-002	4.955e-003	-3.666e-002	1.381e-002	1.048e-002
67	-2.377e-003	-6.068e-002	-1.544e-004	-2.718e-002	3.480e-004	1.727e-002
68	4.555e-003	-5.424e-002	-4.641e-003	-3.563e-002	-1.171e-002	-4.207e-003
69	-6.974e-003	8.389e-003	3.554e-002	7.665e-003	3.913e-003	7.804e-004
70	-2.026e-003	8.120e-003	1.307e-002	-7.143e-002	2.764e-003	-1.551e-002
71	1.170e-003	7.804e-003	-6.551e-003	9.441e-002	-1.072e-002	1.897e-002
72	1.978e-003	8.180e-003	-1.204e-002	-6.923e-002	-5.462e-003	-1.330e-002
73	6.484e-003	8.419e-003	-3.439e-002	6.043e-003	-2.002e-004	5.407e-004
74	-1.227e-004	8.517e-003	1.791e-004	1.225e-001	5.061e-003	2.445e-002
75	4.976e-004	7.715e-003	6.233e-003	9.227e-002	1.615e-003	1.390e-002
76	1.899e-003	-7.489e-003	6.130e-003	-9.306e-002	-9.919e-003	2.019e-002
77	2.147e-003	-7.883e-003	1.317e-002	7.248e-002	-4.908e-003	-1.216e-002
78	6.254e-003	-8.145e-003	3.594e-002	-7.890e-003	1.036e-004	8.331e-004
79	-1.497e-004	-8.271e-003	-9.183e-005	-1.250e-001	5.115e-003	2.338e-002
80	-6.758e-003	-8.121e-003	-3.644e-002	-8.471e-003	3.762e-003	9.309e-004
81	-2.153e-003	-7.835e-003	-1.354e-002	7.364e-002	2.409e-003	-1.440e-002
82	-2.311e-004	-7.417e-003	-5.731e-003	-9.148e-002	1.057e-003	1.532e-002
83	-1.708e-003	-1.422e-002	-7.893e-003	1.208e-001	-1.985e-002	2.374e-002
84	9.030e-004	1.428e-002	-6.341e-003	-1.220e-001	1.043e-002	2.092e-002
85	-1.009e-003	1.450e-002	7.510e-003	-1.202e-001	-2.092e-002	2.447e-002
86	6.371e-004	1.528e-002	-3.840e-004	-1.130e-001	3.432e-003	2.828e-002

Vettori modali 56 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
87	1.565e-003	-1.398e-002	6.803e-003	1.229e-001	9.216e-003	1.966e-002
88	6.441e-004	-1.492e-002	4.546e-004	1.129e-001	3.270e-003	2.994e-002
89	-4.109e-003	-2.950e-002	-9.860e-003	5.772e-002	-9.378e-003	-1.794e-002
90	9.218e-003	-3.042e-002	-8.454e-003	-2.619e-002	-5.889e-003	-2.415e-002
91	1.148e-002	-3.083e-002	-1.610e-002	7.469e-003	-2.399e-003	1.571e-002
92	9.839e-004	-3.072e-002	6.663e-004	5.411e-002	1.090e-003	1.348e-002
93	-1.126e-002	-3.082e-002	1.310e-002	-4.316e-003	2.019e-003	2.163e-002
94	-1.131e-002	-3.040e-002	2.779e-003	-2.346e-002	2.948e-003	-2.210e-002
95	2.675e-003	-2.947e-002	7.765e-003	6.432e-002	3.877e-003	-2.158e-002
96	-3.662e-003	2.966e-002	9.672e-003	-5.649e-002	-1.152e-002	-1.881e-002
97	1.019e-002	3.061e-002	9.150e-003	2.770e-002	-7.298e-003	-2.453e-002
98	1.202e-002	3.104e-002	1.687e-002	-8.686e-003	-3.074e-003	1.752e-002
99	9.961e-004	3.095e-002	-6.135e-004	-5.484e-002	1.151e-003	1.274e-002
100	-1.123e-002	3.103e-002	-1.397e-002	2.539e-003	2.750e-003	2.212e-002
101	-1.156e-002	3.059e-002	-3.695e-003	2.516e-002	4.349e-003	-2.160e-002
102	2.272e-003	2.964e-002	-7.504e-003	-6.220e-002	5.948e-003	-2.132e-002
103	2.414e-003	-2.826e-002	7.318e-003	3.622e-002	-9.742e-003	-6.798e-002
104	2.261e-003	2.815e-002	-7.377e-003	-3.431e-002	-7.668e-003	-6.871e-002
105	1.051e-003	3.129e-002	-6.630e-004	-2.505e-002	-4.781e-004	-6.301e-002
106	1.044e-003	-3.124e-002	7.136e-004	2.573e-002	-4.591e-004	-6.150e-002
107	-3.878e-003	2.801e-002	9.818e-003	-3.105e-002	9.368e-003	-6.671e-002
108	-4.051e-003	-2.814e-002	-9.662e-003	3.179e-002	1.166e-002	-6.532e-002
109	1.294e-003	-1.589e-002	4.442e-003	1.434e-002	-2.200e-002	-8.851e-002
110	9.670e-004	1.756e-002	-4.279e-004	-6.525e-003	-2.040e-003	-9.840e-002
111	9.631e-004	-1.786e-002	4.721e-004	8.153e-003	-2.108e-003	-9.716e-002
112	1.272e-003	1.552e-002	-4.801e-003	-1.312e-002	-2.074e-002	-8.930e-002
113	-2.561e-003	1.548e-002	6.424e-003	-1.209e-002	2.785e-002	-8.837e-002
114	-2.588e-003	-1.587e-002	-5.942e-003	1.181e-002	2.920e-002	-8.728e-002
115	-1.821e-003	-2.387e-004	3.044e-004	-8.393e-004	3.474e-002	-7.385e-002
116	3.174e-003	-2.430e-004	-3.537e-004	-1.294e-003	2.235e-002	3.397e-002
117	-1.408e-002	-2.433e-004	-5.448e-004	6.317e-004	9.974e-003	1.566e-002
118	9.168e-004	-2.395e-004	1.610e-005	1.111e-003	-2.407e-003	-8.232e-002
119	1.633e-002	-2.424e-004	2.914e-004	-8.241e-005	-1.026e-002	1.618e-002
120	-2.450e-003	-2.412e-004	6.203e-006	-8.437e-004	-1.811e-002	3.894e-002
121	7.338e-004	-2.359e-004	-2.393e-004	9.390e-005	-2.597e-002	-7.313e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.181e-004	8.651e-005	-1.628e-005	-7.777e-003	-1.150e-002	-1.145e-006
124	-2.205e-004	-9.414e-005	-2.947e-004	4.484e-003	-9.539e-003	-6.577e-007
125	-4.169e-003	-5.980e-004	3.923e-004	-1.333e-002	-7.804e-003	2.258e-006
126	-4.107e-003	1.830e-003	-5.435e-004	-2.590e-002	-5.702e-003	6.277e-007
127	-4.122e-003	-1.880e-003	5.644e-004	2.854e-002	7.177e-003	1.091e-006
128	-5.374e-008	2.032e-008	1.017e-009	6.688e-003	1.012e-002	9.301e-007
129	-8.398e-008	4.449e-009	9.496e-011	-2.556e-004	-1.046e-002	-8.488e-007
130	-9.825e-005	-7.926e-005	1.354e-005	2.055e-002	1.014e-002	1.455e-007
131	-3.032e-008	-1.151e-008	-4.332e-010	-1.137e-002	-1.040e-002	6.654e-007
132	-2.042e-003	3.049e-004	3.608e-003	2.540e-002	3.061e-002	1.758e-007
133	-1.900e-003	-3.318e-004	-5.083e-003	-2.762e-002	-1.657e-002	-4.868e-008
134	-3.611e-003	9.072e-004	7.981e-003	-7.989e-003	2.658e-002	3.256e-007
135	-3.751e-003	-9.336e-004	-9.324e-003	1.070e-002	5.718e-002	-4.927e-007
136	-4.173e-003	-3.736e-005	-1.795e-005	8.879e-005	4.305e-003	-1.148e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-4.169e-003	-5.980e-004	3.923e-004	9.086e-003	-4.281e-003	7.556e-007
139	-4.107e-003	1.830e-003	-5.435e-004	-4.175e-002	-2.266e-003	-4.148e-007
140	-4.122e-003	-1.880e-003	5.644e-004	4.956e-002	3.491e-003	-3.498e-007
141	-3.437e-004	3.151e-003	-2.108e-004	9.598e-003	-1.655e-004	-4.562e-007

Vettori modali 56 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
142	-3.341e-004	-3.190e-003	5.269e-004	-1.822e-002	-4.732e-003	-4.765e-007
143	-4.173e-003	-3.734e-005	-1.795e-005	-5.263e-005	7.020e-004	-7.283e-007
144	-3.255e-003	2.279e-003	-9.435e-003	6.199e-003	-3.465e-002	1.099e-006
145	-3.276e-003	-2.314e-003	1.079e-002	-8.681e-003	-4.449e-002	2.151e-007
146	-1.899e-003	2.749e-003	-4.814e-003	1.232e-002	-1.721e-002	1.478e-008
147	-1.817e-003	-2.792e-003	6.306e-003	-9.301e-003	-3.362e-002	-1.319e-007
148	3.113e-009	3.138e-003	8.613e-010	-3.942e-003	5.936e-003	-6.599e-008
149	-3.360e-009	-4.531e-005	5.199e-012	2.049e-004	-5.942e-003	1.381e-007
150	1.751e-006	-1.046e-003	-1.238e-005	-1.392e-002	6.043e-003	3.384e-008
151	3.761e-009	-3.180e-003	-6.951e-010	4.650e-003	-6.062e-003	-8.425e-008

Vettori modali 57 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-6.074e-005	3.826e-003	3.331e-004	3.262e-002	6.146e-003	-1.269e-006
2	4.716e-005	4.021e-003	2.649e-004	-9.466e-005	3.954e-003	3.013e-008
3	9.941e-005	4.008e-003	2.571e-004	-3.132e-002	-2.268e-002	-4.662e-007
4	-2.886e-005	4.088e-003	7.130e-005	2.461e-003	7.076e-003	9.880e-008
5	8.131e-005	2.827e-004	4.539e-006	-5.796e-004	-1.711e-002	-9.586e-004
6	4.622e-006	2.995e-004	1.793e-004	1.542e-003	1.776e-002	2.911e-004
7	4.520e-005	3.557e-004	4.970e-004	-8.659e-003	5.199e-003	-3.017e-007
8	1.149e-004	9.095e-004	8.343e-004	4.571e-002	-3.403e-002	1.299e-007
9	1.708e-004	1.145e-003	-2.127e-004	3.539e-003	-2.723e-003	3.796e-007
10	-7.301e-005	1.856e-003	1.533e-005	-5.056e-002	8.659e-003	-3.057e-007
11	3.422e-005	2.924e-003	-2.709e-005	-1.305e-002	-1.884e-004	1.378e-003
12	2.081e-004	3.485e-003	9.447e-005	-3.663e-002	1.701e-004	-5.595e-004
13	-4.492e-005	3.591e-003	7.080e-005	-3.835e-002	-1.587e-004	8.452e-004
14	4.802e-006	4.754e-003	1.746e-005	-8.949e-004	1.769e-002	2.795e-004
15	-1.773e-005	4.871e-003	-1.527e-004	1.190e-003	-1.849e-002	-4.185e-004
16	0.000e+000	0.000e+000	0.000e+000	3.749e-004	-9.401e-005	-1.023e-003
17	0.000e+000	0.000e+000	0.000e+000	3.845e-005	-2.064e-005	1.659e-003
18	3.787e-006	5.266e-004	9.605e-006	8.894e-004	-4.490e-005	1.229e-003
19	0.000e+000	0.000e+000	0.000e+000	2.591e-003	1.254e-004	-5.358e-004
20	3.401e-004	1.237e-003	4.325e-003	1.570e-002	-1.200e-002	-3.181e-004
21	4.464e-005	1.037e-003	2.690e-005	8.741e-005	-1.193e-002	-4.604e-004
22	-3.098e-004	1.274e-003	5.077e-003	1.629e-002	1.246e-002	3.171e-004
23	3.262e-004	2.361e-003	9.361e-003	-1.114e-003	-5.913e-003	4.175e-004
24	2.051e-005	1.962e-003	2.911e-005	-6.739e-005	5.913e-003	5.943e-005
25	-3.888e-005	2.412e-003	1.000e-002	-1.992e-003	6.152e-003	-6.878e-004
26	8.355e-005	2.737e-003	-5.207e-005	-3.917e-004	8.773e-006	-1.078e-005
27	3.304e-004	3.924e-003	-9.176e-003	-1.087e-003	6.338e-003	3.270e-005
28	6.729e-005	3.349e-003	-2.728e-004	-2.514e-004	-5.309e-004	6.249e-005
29	-2.430e-004	4.026e-003	-9.846e-003	-1.930e-003	-6.615e-003	1.271e-004
30	2.005e-004	4.359e-003	-4.156e-003	1.547e-002	1.251e-002	4.743e-004
31	4.157e-005	3.718e-003	-2.440e-004	3.315e-004	-8.058e-003	1.273e-005
32	-2.145e-004	4.471e-003	-4.922e-003	1.612e-002	-1.307e-002	-3.362e-004
33	0.000e+000	4.732e-003	0.000e+000	1.201e-004	1.103e-004	-2.582e-004
34	0.000e+000	3.828e-003	0.000e+000	5.668e-004	-5.042e-006	2.903e-004
35	-3.125e-005	4.153e-003	-5.030e-006	1.134e-003	3.608e-005	2.035e-003
36	0.000e+000	4.856e-003	0.000e+000	2.268e-003	-1.094e-004	7.652e-005
37	-6.217e-003	7.760e-002	7.380e-004	-1.650e-001	-2.297e-003	2.229e-003
38	6.522e-003	7.609e-002	1.019e-003	-1.631e-001	2.250e-003	-3.044e-003
39	-3.976e-004	1.297e-001	8.543e-005	-2.457e-001	-1.638e-003	-4.621e-003
40	3.214e-004	1.328e-001	6.165e-005	-2.510e-001	9.581e-004	4.964e-003
41	6.487e-003	8.163e-002	-7.251e-004	-1.599e-001	2.201e-003	4.944e-003
42	-6.795e-003	8.015e-002	-9.941e-004	-1.577e-001	-2.290e-003	-5.069e-003
43	-1.311e-003	8.170e-002	1.457e-003	1.643e-001	1.780e-002	5.417e-003

Vettori modali 57 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
44	1.331e-003	8.057e-002	1.838e-003	1.613e-001	-1.868e-002	-6.378e-003
45	-7.593e-004	1.273e-001	7.474e-005	2.645e-001	4.820e-004	-8.683e-003
46	4.896e-004	1.302e-001	5.129e-005	2.702e-001	-4.145e-004	9.084e-003
47	1.268e-003	8.157e-002	-1.454e-003	1.722e-001	-1.878e-002	9.608e-003
48	-1.334e-003	8.036e-002	-1.816e-003	1.692e-001	1.963e-002	-9.719e-003
49	5.893e-003	-3.295e-002	2.181e-003	1.401e-001	2.712e-003	8.760e-003
50	-6.196e-003	-3.293e-002	2.659e-003	1.414e-001	-2.787e-003	-9.876e-003
51	-2.132e-004	-3.354e-002	3.128e-002	-2.248e-002	1.922e-003	1.374e-002
52	4.253e-004	-3.348e-002	3.343e-002	-1.971e-002	-1.833e-003	-1.449e-002
53	-4.139e-003	-3.352e-002	-1.587e-003	-7.409e-002	1.132e-003	-1.267e-004
54	4.406e-003	-3.343e-002	2.195e-004	-7.803e-002	-8.792e-004	6.310e-004
55	-2.584e-004	-3.290e-002	6.196e-005	1.210e-001	3.420e-004	-1.294e-002
56	1.982e-004	-3.278e-002	3.935e-005	1.202e-001	7.454e-005	1.340e-002
57	5.120e-003	-3.342e-002	8.675e-003	-5.756e-002	-9.714e-004	-4.064e-003
58	-5.205e-003	-3.333e-002	6.991e-003	-6.107e-002	1.248e-003	3.752e-003
59	1.868e-003	-3.334e-002	-2.262e-002	-3.446e-002	-2.285e-003	1.573e-002
60	-1.736e-003	-3.328e-002	-2.457e-002	-3.187e-002	2.421e-003	-1.615e-002
61	-6.451e-003	-3.265e-002	-2.187e-003	1.266e-001	-3.598e-003	1.450e-002
62	6.701e-003	-3.263e-002	-2.640e-003	1.275e-001	3.594e-003	-1.460e-002
63	-1.380e-003	-4.293e-002	3.233e-003	-9.029e-002	1.904e-002	1.202e-002
64	5.134e-004	-4.190e-002	-1.268e-004	-8.089e-002	6.414e-004	7.857e-003
65	2.006e-003	-3.824e-002	-3.350e-003	-9.123e-002	-1.960e-002	7.350e-003
66	1.315e-003	-4.240e-002	2.715e-003	-9.074e-002	-1.809e-002	-1.235e-002
67	-4.692e-004	-4.209e-002	-1.026e-004	-8.133e-002	-6.093e-004	-7.987e-003
68	-2.062e-003	-3.780e-002	-2.860e-003	-9.170e-002	1.859e-002	-7.026e-003
69	5.216e-003	1.550e-002	-3.176e-002	-2.356e-002	-2.741e-003	-1.128e-002
70	5.157e-003	1.567e-002	-1.801e-002	6.233e-002	-5.207e-003	1.398e-002
71	6.784e-003	1.511e-002	3.776e-003	-6.474e-002	7.062e-003	3.503e-002
72	-6.017e-003	1.537e-002	7.368e-003	4.716e-002	4.616e-003	1.345e-002
73	-4.975e-003	1.535e-002	2.271e-002	-3.857e-003	2.170e-003	-1.430e-002
74	5.643e-004	1.505e-002	-2.990e-004	-8.032e-002	-2.751e-004	2.026e-003
75	-6.630e-003	1.556e-002	-4.033e-003	-5.004e-002	-7.673e-003	3.042e-002
76	-6.360e-003	1.529e-002	3.226e-003	-6.312e-002	-6.288e-003	-3.455e-002
77	6.214e-003	1.555e-002	7.627e-003	4.849e-002	-4.145e-003	-1.287e-002
78	4.904e-003	1.552e-002	2.318e-002	-4.390e-003	-2.002e-003	1.465e-002
79	-5.640e-004	1.522e-002	-2.736e-004	-8.100e-002	1.412e-004	-2.776e-003
80	-5.086e-003	1.567e-002	-3.206e-002	-2.388e-002	2.489e-003	1.150e-002
81	-5.293e-003	1.585e-002	-1.813e-002	6.336e-002	4.838e-003	-1.327e-002
82	6.149e-003	1.574e-002	-3.513e-003	-4.862e-002	7.186e-003	-2.965e-002
83	6.858e-003	2.108e-002	3.829e-003	-3.289e-002	-6.347e-003	4.719e-002
84	6.228e-003	2.038e-002	-3.542e-003	-2.913e-002	-6.449e-003	-4.342e-002
85	-6.333e-003	2.097e-002	3.225e-003	-3.119e-002	6.745e-003	-4.623e-002
86	-5.116e-004	2.166e-002	-2.820e-004	-1.613e-002	4.572e-004	-3.626e-002
87	-6.753e-003	2.047e-002	-4.090e-003	-3.089e-002	6.383e-003	4.450e-002
88	4.894e-004	2.159e-002	-3.149e-004	-1.645e-002	-5.585e-004	3.474e-002
89	4.891e-003	1.594e-002	2.350e-003	1.991e-002	-1.930e-002	6.269e-002
90	-9.198e-003	1.651e-002	9.590e-003	2.524e-003	-1.332e-002	-2.789e-003
91	5.532e-004	1.679e-002	3.929e-003	-2.000e-002	-7.350e-003	-2.404e-002
92	3.457e-004	1.676e-002	-4.064e-004	1.411e-002	-1.376e-003	3.845e-002
93	2.998e-003	1.666e-002	-3.745e-003	-1.699e-002	5.452e-003	-3.031e-002
94	1.289e-002	1.627e-002	-8.553e-003	2.198e-003	1.228e-002	3.272e-003
95	-4.791e-003	1.558e-002	-2.596e-003	1.547e-002	1.911e-002	6.659e-002
96	-4.357e-003	1.573e-002	1.728e-003	2.116e-002	1.904e-002	-6.131e-002
97	8.601e-003	1.632e-002	9.141e-003	2.639e-003	1.315e-002	5.037e-003
98	-1.487e-003	1.661e-002	3.694e-003	-1.926e-002	7.251e-003	2.297e-002

Vettori modali 57 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
99	-3.778e-004	1.660e-002	-3.677e-004	1.412e-002	1.357e-003	-4.001e-002
100	-2.113e-003	1.649e-002	-3.622e-003	-1.677e-002	-5.323e-003	2.916e-002
101	-1.228e-002	1.608e-002	-8.341e-003	2.414e-003	-1.200e-002	-1.155e-003
102	4.297e-003	1.538e-002	-2.061e-003	1.700e-002	-1.868e-002	-6.516e-002
103	-2.115e-003	-1.067e-003	9.101e-004	4.956e-002	2.539e-002	9.320e-002
104	1.702e-003	-1.316e-003	1.344e-003	5.112e-002	-2.447e-002	-9.262e-002
105	-1.555e-004	1.415e-003	-5.967e-004	5.107e-002	1.556e-003	-9.600e-002
106	1.246e-004	1.552e-003	-6.332e-004	5.203e-002	-1.507e-003	9.658e-002
107	-1.702e-003	-1.061e-003	-1.703e-003	5.787e-002	2.447e-002	-8.955e-002
108	2.160e-003	-8.234e-004	-1.176e-003	5.649e-002	-2.548e-002	9.006e-002
109	-4.315e-004	-2.013e-002	4.948e-003	5.704e-002	1.867e-002	7.047e-002
110	-4.984e-005	-1.919e-002	-7.474e-004	5.267e-002	2.973e-004	-8.261e-002
111	2.453e-005	-1.926e-002	-7.696e-004	5.356e-002	-1.894e-004	8.315e-002
112	1.021e-004	-2.037e-002	5.191e-003	5.804e-002	-1.743e-002	-6.967e-002
113	-1.047e-004	-2.029e-002	-5.456e-003	6.805e-002	1.660e-002	-6.784e-002
114	4.651e-004	-2.006e-002	-5.155e-003	6.714e-002	-1.812e-002	6.857e-002
115	1.580e-004	-2.884e-002	-7.034e-003	5.779e-002	-8.194e-004	1.004e-003
116	-7.674e-004	-2.944e-002	6.665e-003	1.126e-003	-5.268e-004	1.692e-003
117	-8.476e-004	-2.952e-002	-1.820e-004	-1.887e-002	-2.341e-004	-1.399e-003
118	-1.131e-005	-2.907e-002	-7.394e-004	2.742e-002	5.851e-005	-8.892e-004
119	8.275e-004	-2.951e-002	3.892e-003	-5.300e-003	2.570e-004	-1.424e-003
120	7.686e-004	-2.942e-002	-5.302e-004	-4.899e-003	4.555e-004	1.644e-003
121	-1.464e-004	-2.880e-002	6.904e-003	4.399e-002	6.540e-004	1.022e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	8.132e-005	2.827e-004	4.533e-006	1.047e-002	-6.959e-003	2.042e-006
124	4.606e-006	2.995e-004	1.793e-004	4.297e-003	1.573e-002	-1.696e-006
125	3.421e-005	2.924e-003	-2.709e-005	4.742e-002	9.575e-003	-1.528e-006
126	2.081e-004	3.485e-003	9.447e-005	-4.623e-002	1.027e-002	1.578e-006
127	-4.494e-005	3.591e-003	7.081e-005	-3.965e-002	-1.008e-002	-1.624e-006
128	8.490e-009	8.665e-008	5.291e-009	-1.280e-002	-5.924e-003	6.041e-007
129	7.628e-009	1.151e-007	1.291e-009	-2.980e-004	5.883e-003	-4.490e-007
130	3.789e-006	5.266e-004	9.605e-006	-4.505e-002	-6.032e-003	-2.520e-007
131	-7.121e-009	5.247e-008	3.098e-009	-1.757e-003	6.036e-003	-6.681e-007
132	3.401e-004	1.237e-003	4.325e-003	1.052e-002	3.033e-002	6.473e-007
133	-3.098e-004	1.274e-003	5.077e-003	1.928e-002	5.042e-002	1.592e-007
134	3.262e-004	2.361e-003	9.361e-003	9.350e-003	2.075e-002	-1.555e-006
135	-3.888e-005	2.412e-003	1.000e-002	2.058e-004	-7.561e-002	6.077e-007
136	8.356e-005	2.737e-003	-5.207e-005	-2.109e-004	-9.802e-003	2.589e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	3.424e-005	2.924e-003	-2.709e-005	-3.096e-002	-3.106e-003	-5.628e-007
139	2.081e-004	3.485e-003	9.447e-005	-4.898e-002	-2.543e-003	-6.694e-007
140	-4.492e-005	3.591e-003	7.080e-005	-5.180e-002	2.712e-003	5.700e-007
141	4.808e-006	4.754e-003	1.746e-005	1.158e-002	-1.084e-002	-1.192e-006
142	-1.774e-005	4.871e-003	-1.527e-004	1.516e-002	1.773e-002	9.131e-007
143	8.354e-005	2.737e-003	-5.207e-005	-7.410e-004	2.931e-003	-3.337e-007
144	3.304e-004	3.924e-003	-9.176e-003	1.193e-002	-2.490e-002	1.189e-006
145	-2.430e-004	4.026e-003	-9.846e-003	1.215e-002	3.745e-002	-1.742e-007
146	2.005e-004	4.359e-003	-4.156e-003	8.251e-003	-3.043e-002	-4.619e-007
147	-2.145e-004	4.471e-003	-4.922e-003	7.593e-003	6.009e-002	1.034e-007
148	1.591e-008	4.732e-003	1.541e-009	-1.134e-002	4.077e-003	-1.428e-008
149	1.167e-008	3.828e-003	-2.828e-010	6.411e-004	-4.011e-003	1.899e-007
150	-3.127e-005	4.153e-003	-5.030e-006	3.201e-002	3.957e-003	-1.496e-007
151	-1.227e-008	4.856e-003	9.376e-010	-1.082e-002	-4.093e-003	2.475e-008

Vettori modali 58 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	2.337e-004	3.077e-004	1.131e-004	1.917e-003	-5.164e-002	1.266e-006
2	-8.289e-005	3.392e-004	4.629e-005	7.925e-003	5.185e-002	1.117e-006
3	1.523e-004	3.980e-004	2.203e-004	6.913e-003	-4.285e-002	6.124e-007
4	-7.399e-005	3.843e-004	1.788e-004	2.003e-002	3.430e-002	-2.243e-007
5	5.698e-005	-8.818e-006	2.808e-003	3.552e-002	2.409e-002	-7.718e-004
6	-4.633e-005	-1.655e-005	2.942e-003	3.714e-002	-2.408e-002	6.775e-004
7	-7.035e-005	-1.515e-005	1.715e-004	-1.984e-002	3.424e-002	1.510e-007
8	1.374e-004	2.453e-005	2.093e-004	-6.255e-003	-4.344e-002	-4.496e-007
9	-7.915e-005	4.043e-005	4.611e-005	-8.034e-003	5.181e-002	-7.794e-007
10	2.168e-004	1.217e-004	1.208e-004	-2.535e-003	-5.122e-002	-9.233e-007
11	1.803e-004	2.179e-004	-2.248e-003	4.787e-004	-2.437e-002	2.036e-005
12	-9.514e-005	1.731e-004	1.319e-002	1.396e-003	3.307e-002	3.052e-005
13	3.118e-004	2.095e-004	1.350e-002	1.469e-003	-3.403e-002	-3.590e-005
14	5.084e-005	3.840e-004	2.785e-003	-3.518e-002	2.246e-002	7.062e-004
15	-3.797e-005	5.141e-004	2.923e-003	-3.684e-002	-2.245e-002	-5.893e-004
16	0.000e+000	0.000e+000	0.000e+000	3.489e-002	1.489e-004	-6.183e-004
17	0.000e+000	0.000e+000	0.000e+000	-1.954e-002	-4.028e-006	1.125e-004
18	-3.483e-006	1.837e-005	-6.943e-006	-8.311e-004	4.766e-005	-5.306e-005
19	0.000e+000	0.000e+000	0.000e+000	3.659e-002	-1.440e-004	4.476e-004
20	-8.774e-006	6.080e-005	1.531e-002	2.001e-002	2.675e-002	4.686e-004
21	6.006e-005	6.584e-005	-8.177e-003	-9.863e-003	-4.171e-003	-1.668e-004
22	5.322e-005	5.023e-005	1.569e-002	1.982e-002	-2.703e-002	-5.529e-004
23	-1.054e-004	1.094e-004	1.783e-002	-8.527e-003	2.991e-002	4.763e-006
24	1.024e-004	1.477e-004	-8.773e-003	6.908e-003	-3.875e-003	-5.984e-005
25	2.215e-004	1.166e-004	1.803e-002	-8.608e-003	-3.053e-002	-2.406e-004
26	1.232e-004	2.103e-004	-5.311e-003	-1.623e-005	1.493e-004	2.710e-005
27	-1.154e-004	2.567e-004	1.849e-002	8.472e-003	2.933e-002	-3.312e-006
28	1.052e-004	2.618e-004	-8.786e-003	-6.922e-003	-3.672e-003	3.735e-005
29	2.456e-004	3.314e-004	1.872e-002	8.559e-003	-2.995e-002	2.242e-004
30	-2.134e-005	3.131e-004	1.554e-002	-2.117e-002	2.560e-002	-4.601e-004
31	6.990e-005	3.218e-004	-8.189e-003	9.883e-003	-4.332e-003	1.435e-004
32	7.463e-005	4.243e-004	1.594e-002	-2.102e-002	-2.587e-002	5.617e-004
33	0.000e+000	3.820e-004	0.000e+000	-3.463e-002	1.390e-004	5.300e-004
34	0.000e+000	3.475e-004	0.000e+000	1.957e-002	-4.306e-006	1.961e-005
35	-6.189e-006	3.879e-004	-6.370e-006	9.221e-004	4.421e-005	3.521e-004
36	0.000e+000	5.105e-004	0.000e+000	-3.637e-002	-1.338e-004	-3.244e-004
37	8.703e-003	-3.051e-002	8.515e-004	4.320e-002	2.067e-003	-2.973e-002
38	-8.678e-003	-3.427e-002	1.181e-003	5.028e-002	-2.001e-003	3.273e-002
39	-1.711e-002	-5.160e-003	9.830e-003	1.065e-002	-5.835e-002	2.110e-004
40	1.731e-002	-5.482e-003	1.054e-002	1.141e-002	5.886e-002	-2.132e-004
41	8.102e-003	2.429e-002	8.858e-004	-2.909e-002	1.889e-003	2.933e-002
42	-8.074e-003	2.796e-002	1.231e-003	-3.557e-002	-1.825e-003	-3.231e-002
43	7.822e-004	-2.439e-002	-1.122e-003	-5.965e-002	-2.794e-002	-5.868e-002
44	-6.689e-004	-2.815e-002	-6.040e-004	-6.671e-002	2.829e-002	6.478e-002
45	-2.915e-002	-5.294e-003	6.272e-003	-1.066e-002	2.319e-002	3.915e-004
46	2.964e-002	-5.663e-003	7.376e-003	-1.128e-002	-2.257e-002	-3.905e-004
47	6.763e-004	1.765e-002	-1.031e-003	4.627e-002	-2.620e-002	5.795e-002
48	-5.632e-004	2.118e-002	-4.848e-004	5.312e-002	2.655e-002	-6.403e-002
49	-1.223e-002	-2.342e-003	-3.168e-003	3.180e-002	-1.399e-002	-8.905e-002
50	1.280e-002	-2.544e-003	-2.463e-003	3.257e-002	1.569e-002	9.840e-002
51	2.323e-002	-1.134e-003	2.112e-002	3.989e-002	-1.264e-003	-3.617e-002
52	-2.610e-002	-1.259e-003	2.582e-002	4.842e-002	3.538e-003	3.864e-002
53	1.596e-002	9.399e-005	2.097e-002	-3.835e-002	1.146e-002	5.509e-002
54	-1.728e-002	4.822e-005	2.606e-002	-4.550e-002	-8.619e-003	-6.231e-002
55	-5.927e-003	1.321e-003	2.405e-003	-5.095e-003	2.418e-002	5.808e-004

Vettori modali 58 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
56	7.221e-003	1.355e-003	3.898e-003	-5.368e-003	-2.078e-002	-5.765e-004
57	1.554e-002	2.595e-003	2.051e-002	4.382e-002	1.153e-002	-5.491e-002
58	-1.686e-002	2.714e-003	2.568e-002	5.152e-002	-8.687e-003	6.212e-002
59	2.314e-002	3.822e-003	2.334e-002	-3.750e-002	-1.124e-003	3.482e-002
60	-2.601e-002	4.023e-003	2.830e-002	-4.606e-002	3.402e-003	-3.729e-002
61	-1.165e-002	4.977e-003	-3.019e-003	-4.296e-002	-1.378e-002	8.797e-002
62	1.222e-002	5.257e-003	-2.274e-003	-4.443e-002	1.549e-002	-9.730e-002
63	1.242e-002	-2.805e-002	-4.530e-003	2.972e-002	-2.059e-002	9.293e-002
64	1.252e-002	1.870e-003	-4.364e-004	3.292e-003	2.274e-002	-2.614e-004
65	1.231e-002	3.167e-002	-4.285e-003	-2.232e-002	-1.879e-002	-9.371e-002
66	-1.116e-002	-2.798e-002	-5.296e-003	3.076e-002	2.077e-002	-8.270e-002
67	-9.561e-003	1.752e-003	-2.041e-003	3.290e-003	-2.175e-002	3.079e-004
68	-1.105e-002	3.132e-002	-5.099e-003	-2.340e-002	1.899e-002	8.351e-002
69	-9.547e-003	5.698e-004	-9.399e-002	-2.094e-001	-5.675e-003	8.087e-002
70	-3.084e-002	1.703e-003	-1.118e-001	1.572e-001	-1.052e-002	-1.242e-002
71	-9.309e-004	-3.987e-003	-6.614e-003	-1.310e-001	-1.598e-002	8.718e-002
72	-3.035e-002	-2.896e-003	-1.128e-001	-1.621e-001	-1.093e-002	1.095e-002
73	-9.014e-003	-1.751e-003	-9.638e-002	2.105e-001	-5.879e-003	-7.976e-002
74	1.824e-002	-5.735e-004	-4.985e-003	3.568e-003	-8.285e-004	6.996e-005
75	-2.811e-004	2.804e-003	-6.315e-003	1.363e-001	-1.537e-002	-8.994e-002
76	1.533e-003	-4.455e-003	-7.429e-003	-1.303e-001	1.410e-002	-7.602e-002
77	2.709e-002	-3.224e-003	-1.168e-001	-1.696e-001	8.361e-003	-8.658e-003
78	7.747e-003	-1.933e-003	-1.009e-001	2.161e-001	2.618e-003	7.127e-002
79	-1.653e-002	-6.059e-004	-6.676e-003	3.328e-003	-3.125e-003	2.108e-005
80	8.242e-003	6.867e-004	-9.864e-002	-2.149e-001	2.444e-003	-7.241e-002
81	2.759e-002	1.967e-003	-1.158e-001	1.649e-001	8.014e-003	1.000e-002
82	9.170e-004	3.210e-003	-7.185e-003	1.350e-001	1.358e-002	7.883e-002
83	-2.095e-003	3.319e-003	-7.125e-003	-2.059e-002	8.542e-004	3.923e-002
84	1.848e-003	-4.507e-003	-7.585e-003	1.494e-002	-1.053e-003	2.610e-002
85	2.444e-003	2.819e-003	-7.821e-003	-1.233e-002	-1.805e-003	-2.235e-002
86	-1.577e-002	-8.710e-004	-7.058e-003	6.413e-004	1.525e-002	1.441e-003
87	-1.447e-003	-5.072e-003	-6.825e-003	2.391e-002	2.092e-004	-4.293e-002
88	1.690e-002	-8.969e-004	-5.659e-003	9.227e-004	-1.783e-002	-1.299e-003
89	-1.368e-003	2.475e-003	-6.602e-003	2.317e-002	6.609e-003	-5.265e-002
90	5.182e-002	1.420e-003	-1.431e-002	-2.860e-002	-1.070e-002	-9.437e-002
91	5.283e-002	3.379e-004	-1.861e-002	1.514e-002	-2.801e-002	8.664e-002
92	1.226e-002	-7.503e-004	-9.316e-003	-3.201e-004	-4.532e-002	-1.453e-003
93	5.253e-002	-1.835e-003	-1.805e-002	-1.338e-002	-2.862e-002	-8.411e-002
94	5.076e-002	-2.887e-003	-1.342e-002	2.785e-002	-1.191e-002	9.391e-002
95	-9.091e-004	-3.884e-003	-6.444e-003	-2.450e-002	4.797e-003	4.717e-002
96	1.750e-003	3.288e-003	-7.299e-003	2.919e-002	-4.981e-003	8.032e-002
97	-6.765e-002	1.996e-003	-1.392e-002	-2.948e-002	1.280e-002	1.151e-001
98	-6.486e-002	6.661e-004	-1.929e-002	1.268e-002	3.057e-002	-1.187e-001
99	-1.114e-002	-6.759e-004	-1.064e-002	-4.609e-004	4.835e-002	1.553e-003
100	-6.469e-002	-2.012e-003	-1.883e-002	-1.098e-002	3.118e-002	1.164e-001
101	-6.668e-002	-3.312e-003	-1.309e-002	2.887e-002	1.402e-002	-1.150e-001
102	1.354e-003	-4.550e-003	-7.215e-003	-3.091e-002	-3.141e-003	-7.503e-002
103	-3.024e-004	-3.641e-003	-5.073e-003	-7.633e-002	1.202e-002	2.894e-002
104	1.075e-003	-7.014e-003	-6.114e-003	-7.608e-002	-1.054e-002	-4.029e-002
105	-3.598e-003	-6.634e-005	-1.867e-002	-2.019e-003	5.363e-002	3.971e-003
106	5.432e-003	-1.420e-004	-1.677e-002	-1.997e-003	-5.000e-002	-4.140e-003
107	1.222e-003	7.145e-003	-5.872e-003	7.142e-002	-1.282e-002	4.765e-002
108	-5.084e-004	3.622e-003	-4.900e-003	7.196e-002	1.441e-002	-3.663e-002
109	4.869e-004	-1.829e-004	-2.236e-003	-1.300e-001	1.658e-002	1.907e-002
110	-9.390e-005	7.810e-004	-2.403e-002	-2.071e-003	1.074e-002	3.424e-003

Vettori modali 58 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
111	2.091e-003	7.451e-004	-2.233e-002	-2.091e-003	-1.620e-002	-3.669e-003
112	3.318e-004	-3.953e-003	-3.126e-003	-1.278e-001	-1.954e-002	-1.019e-002
113	3.327e-004	5.640e-003	-2.535e-003	1.223e-001	-2.108e-002	1.561e-002
114	4.384e-004	1.776e-003	-1.686e-003	1.247e-001	1.831e-002	-2.496e-002
115	3.782e-004	1.763e-003	3.656e-004	1.803e-001	-2.681e-003	-1.637e-002
116	1.346e-002	1.597e-003	8.378e-002	7.875e-002	-3.534e-003	-2.021e-002
117	1.180e-002	1.402e-003	4.867e-002	-1.892e-001	-4.387e-003	2.480e-002
118	9.978e-004	1.181e-003	-2.335e-002	-9.774e-004	-5.240e-003	-4.633e-005
119	1.175e-002	1.001e-003	4.863e-002	1.903e-001	-4.426e-003	-2.463e-002
120	1.337e-002	8.016e-004	8.412e-002	-7.899e-002	-3.611e-003	2.012e-002
121	3.992e-004	5.878e-004	-3.693e-004	-1.849e-001	-2.796e-003	1.610e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	5.698e-005	-8.808e-006	2.808e-003	3.675e-002	-1.819e-002	2.194e-007
124	-4.633e-005	-1.654e-005	2.942e-003	3.591e-002	1.808e-002	-1.138e-007
125	1.803e-004	2.179e-004	-2.248e-003	5.896e-003	-1.807e-002	-1.456e-007
126	-9.513e-005	1.731e-004	1.319e-002	-6.032e-003	6.101e-002	8.324e-008
127	3.118e-004	2.094e-004	1.350e-002	-2.699e-003	-4.941e-002	-5.829e-008
128	4.647e-009	6.473e-010	2.025e-010	3.342e-002	4.639e-004	-4.666e-008
129	3.844e-009	1.389e-009	-3.813e-011	-2.286e-002	-4.540e-004	-1.103e-007
130	-3.484e-006	1.837e-005	-6.943e-006	1.559e-003	5.427e-004	-1.335e-008
131	-2.103e-009	3.747e-010	1.415e-010	3.760e-002	-5.978e-004	7.712e-009
132	-8.777e-006	6.081e-005	1.531e-002	2.267e-002	3.867e-002	5.820e-008
133	5.322e-005	5.024e-005	1.569e-002	2.474e-002	-1.861e-002	-1.536e-008
134	-1.054e-004	1.094e-004	1.783e-002	-1.251e-002	7.989e-002	2.525e-007
135	2.215e-004	1.166e-004	1.803e-002	-1.542e-002	-5.036e-002	4.648e-008
136	1.232e-004	2.103e-004	-5.311e-003	6.941e-003	-8.151e-003	5.574e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.803e-004	2.179e-004	-2.248e-003	-5.300e-003	-1.763e-002	1.563e-007
139	-9.513e-005	1.731e-004	1.319e-002	8.750e-003	6.145e-002	-9.588e-008
140	3.118e-004	2.095e-004	1.350e-002	5.998e-003	-4.985e-002	1.336e-007
141	5.084e-005	3.840e-004	2.785e-003	-3.641e-002	-1.852e-002	-2.926e-007
142	-3.797e-005	5.140e-004	2.923e-003	-3.607e-002	1.784e-002	2.293e-007
143	1.232e-004	2.103e-004	-5.311e-003	-6.979e-003	-8.587e-003	-1.281e-008
144	-1.154e-004	2.567e-004	1.849e-002	1.241e-002	8.160e-002	-3.057e-007
145	2.456e-004	3.314e-004	1.872e-002	1.487e-002	-5.341e-002	-1.364e-007
146	-2.134e-005	3.131e-004	1.554e-002	-2.425e-002	4.013e-002	-1.272e-007
147	7.463e-005	4.243e-004	1.594e-002	-2.591e-002	-2.007e-002	-1.086e-008
148	4.500e-009	3.820e-004	2.239e-010	-3.318e-002	3.132e-004	2.534e-008
149	3.147e-009	3.475e-004	-8.767e-011	2.288e-002	-3.055e-004	2.027e-007
150	-6.192e-006	3.879e-004	-6.370e-006	-2.365e-003	3.860e-004	-2.840e-008
151	-3.080e-009	5.104e-004	2.430e-010	-3.689e-002	-4.479e-004	-5.334e-010

Vettori modali 59 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	4.372e-004	4.320e-005	9.154e-005	3.369e-003	6.407e-003	8.733e-009
2	2.923e-004	-1.399e-004	-1.152e-004	-1.878e-003	-4.153e-003	-7.573e-008
3	1.411e-004	2.866e-005	-6.072e-006	-4.568e-003	3.602e-003	-6.011e-008
4	1.231e-004	-1.173e-004	1.857e-005	2.056e-004	-3.670e-003	-1.497e-008
5	2.046e-005	1.374e-005	1.639e-005	4.603e-004	-7.307e-004	-3.092e-004
6	3.189e-005	-1.154e-005	-4.618e-004	-6.064e-003	2.376e-003	-4.663e-004
7	1.046e-004	-5.266e-006	3.568e-005	1.995e-004	-3.944e-003	3.048e-008
8	1.188e-004	1.081e-005	-3.855e-005	4.178e-003	3.273e-003	1.104e-008
9	2.626e-004	-7.273e-006	-1.091e-004	1.617e-003	-4.533e-003	5.474e-009
10	4.115e-004	-8.532e-006	9.636e-005	-2.915e-003	6.191e-003	-1.914e-007
11	5.583e-004	1.158e-006	-1.275e-003	-2.093e-005	8.592e-003	1.352e-004
12	5.799e-004	-9.513e-005	3.683e-003	-1.272e-004	3.924e-003	2.533e-005

Vettori modali 59 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
13	5.523e-004	4.795e-005	-5.542e-003	-6.141e-005	9.186e-003	1.904e-005
14	3.329e-005	-2.942e-004	3.083e-005	-6.473e-004	-7.200e-004	4.353e-004
15	4.319e-005	1.939e-004	-4.721e-004	6.192e-003	2.147e-003	5.727e-004
16	0.000e+000	0.000e+000	0.000e+000	7.732e-005	-3.268e-006	-1.982e-004
17	0.000e+000	0.000e+000	0.000e+000	2.085e-003	-2.387e-006	-1.409e-004
18	1.228e-005	-6.646e-006	8.648e-007	-4.858e-004	-4.425e-006	7.795e-005
19	0.000e+000	0.000e+000	0.000e+000	-5.627e-003	1.465e-005	-3.139e-004
20	2.092e-004	1.701e-005	1.320e-003	4.606e-003	6.460e-004	-4.998e-004
21	2.422e-004	-6.778e-006	8.695e-004	1.038e-003	-1.166e-003	-5.746e-004
22	2.118e-004	-2.842e-005	-3.604e-003	-7.287e-003	4.391e-003	-3.906e-004
23	4.409e-004	-2.000e-005	3.331e-003	2.425e-003	2.285e-003	-4.375e-004
24	4.647e-004	-1.695e-005	9.233e-004	-7.613e-004	-1.172e-004	-3.492e-004
25	4.041e-004	-7.763e-006	-5.853e-003	-1.070e-003	6.789e-003	-4.178e-004
26	5.619e-004	-2.358e-005	5.443e-004	-6.827e-007	6.736e-003	5.333e-005
27	4.565e-004	-1.832e-004	3.300e-003	-2.341e-003	2.289e-003	3.862e-004
28	4.896e-004	-2.922e-005	9.229e-004	7.614e-004	-1.803e-004	2.748e-004
29	4.217e-004	1.145e-004	-5.908e-003	1.001e-003	6.708e-003	3.744e-004
30	2.366e-004	-2.534e-004	1.348e-003	-4.520e-003	6.535e-004	4.894e-004
31	2.753e-004	-3.681e-005	8.695e-004	-1.037e-003	-2.066e-003	5.670e-004
32	2.350e-004	1.685e-004	-3.659e-003	7.355e-003	4.229e-003	3.869e-004
33	0.000e+000	-2.923e-004	0.000e+000	-2.546e-004	-2.865e-006	4.007e-004
34	0.000e+000	-3.679e-005	0.000e+000	-2.085e-003	-3.065e-006	3.949e-004
35	7.181e-006	3.738e-005	9.412e-007	5.282e-004	-4.322e-006	2.697e-004
36	0.000e+000	1.931e-004	0.000e+000	5.755e-003	1.391e-005	5.003e-004
37	-2.483e-004	6.293e-003	-8.748e-004	-1.381e-002	-7.337e-005	-8.285e-004
38	8.686e-004	-6.092e-004	6.276e-004	5.175e-003	1.410e-004	-5.715e-003
39	4.220e-003	7.022e-004	2.857e-003	-1.704e-003	4.593e-003	1.641e-005
40	2.003e-003	1.094e-005	-4.394e-003	1.653e-004	-3.565e-003	3.915e-005
41	-2.347e-004	-5.568e-003	-8.727e-004	1.154e-002	-9.127e-005	9.252e-004
42	7.938e-004	7.069e-004	6.209e-004	-4.903e-003	9.909e-005	5.746e-003
43	1.447e-005	7.144e-003	-1.748e-003	1.131e-002	9.877e-004	-1.348e-003
44	6.241e-005	-2.372e-003	1.704e-003	-2.420e-004	-2.754e-003	-1.096e-002
45	2.618e-003	8.100e-004	1.973e-003	1.424e-003	-9.864e-003	7.480e-006
46	-1.471e-003	-5.936e-005	-3.156e-003	5.443e-005	-7.265e-003	5.926e-005
47	1.147e-005	-6.161e-003	-1.759e-003	-9.751e-003	9.520e-004	1.415e-003
48	4.488e-005	2.318e-003	1.701e-003	4.697e-004	-2.533e-003	1.092e-002
49	6.138e-004	5.916e-004	-2.626e-003	7.967e-004	1.195e-003	-1.892e-003
50	-1.162e-003	-1.590e-004	2.796e-003	-6.029e-003	-1.134e-003	-1.647e-002
51	-6.720e-004	3.491e-004	-4.208e-003	-1.940e-003	3.755e-004	4.958e-003
52	3.296e-003	-1.172e-004	-8.103e-004	-7.146e-003	-3.491e-004	-5.678e-004
53	-2.343e-003	1.001e-004	-2.379e-003	8.530e-003	-4.439e-004	8.031e-004
54	1.514e-004	-7.324e-005	-2.623e-003	2.677e-004	4.362e-004	1.042e-002
55	-1.961e-003	-1.508e-004	1.003e-003	8.475e-004	-1.263e-003	-1.882e-006
56	-3.203e-003	-2.787e-005	-1.789e-003	-1.299e-004	1.222e-003	8.036e-005
57	-2.337e-003	-4.085e-004	-2.290e-003	-9.413e-003	-4.381e-004	-8.141e-004
58	9.778e-005	1.738e-005	-2.656e-003	-1.789e-004	4.503e-004	-1.040e-002
59	-6.675e-004	-6.585e-004	-4.563e-003	1.525e-003	3.872e-004	-4.939e-003
60	3.288e-003	6.231e-005	-7.802e-004	7.242e-003	-3.210e-004	3.916e-004
61	6.037e-004	-8.962e-004	-2.649e-003	1.036e-003	1.213e-003	1.929e-003
62	-1.087e-003	1.061e-004	2.797e-003	5.774e-003	-1.092e-003	1.635e-002
63	-1.062e-003	1.283e-003	3.731e-003	-1.316e-003	1.245e-003	-3.852e-002
64	-1.331e-003	8.048e-005	-4.036e-004	-1.968e-004	4.330e-003	8.985e-005
65	-1.038e-003	-1.123e-003	3.736e-003	9.291e-004	1.041e-003	3.864e-002
66	7.921e-004	2.822e-003	-3.283e-003	-2.612e-003	-1.397e-003	-2.502e-002
67	6.956e-004	-3.285e-004	2.052e-004	-2.416e-004	7.142e-003	5.556e-005

Vettori modali 59 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
68	8.032e-004	-3.462e-003	-3.317e-003	2.014e-003	-1.335e-003	2.503e-002
69	2.707e-002	-1.039e-003	4.253e-003	6.975e-003	-1.140e-002	-7.258e-002
70	3.554e-002	-2.141e-003	4.881e-003	-3.887e-003	-7.603e-003	4.743e-002
71	-1.158e-003	3.368e-003	4.640e-003	-1.070e-002	-3.831e-003	-6.171e-002
72	3.551e-002	2.310e-003	4.908e-003	3.730e-003	-7.616e-003	-4.744e-002
73	2.708e-002	1.208e-003	4.190e-003	-7.077e-003	-1.140e-002	7.248e-002
74	-2.767e-003	8.348e-005	1.061e-003	1.953e-004	-1.519e-002	9.984e-005
75	-1.205e-003	-3.204e-003	4.649e-003	1.109e-002	-3.811e-003	6.207e-002
76	-1.160e-003	-2.780e-003	-3.909e-003	2.901e-002	-6.226e-003	-4.934e-002
77	3.128e-002	-1.885e-003	1.050e-002	1.851e-002	-9.418e-003	-4.569e-002
78	2.578e-002	-9.547e-004	8.862e-003	-2.210e-002	-1.261e-002	6.135e-002
79	-2.441e-004	-6.391e-006	-6.377e-004	-6.661e-004	-1.580e-002	1.160e-004
80	2.569e-002	9.444e-004	8.481e-003	2.205e-002	-1.258e-002	-6.129e-002
81	3.125e-002	1.878e-003	1.038e-002	-1.769e-002	-9.353e-003	4.546e-002
82	-1.111e-003	2.776e-003	-3.954e-003	-3.009e-002	-6.129e-003	4.932e-002
83	-1.793e-003	7.635e-003	4.735e-003	-8.989e-003	7.876e-004	2.608e-002
84	-1.937e-003	8.301e-003	-3.964e-003	-1.332e-002	6.455e-004	-3.175e-002
85	-2.001e-003	-8.091e-003	-3.911e-003	1.212e-002	5.719e-004	3.172e-002
86	-3.382e-003	1.061e-004	4.119e-006	-5.142e-004	-9.714e-003	6.074e-005
87	-1.821e-003	-7.613e-003	4.753e-003	9.757e-003	9.706e-004	-2.561e-002
88	-5.641e-003	1.249e-005	5.642e-004	4.040e-004	-6.862e-003	2.357e-004
89	-9.187e-004	-4.504e-003	5.815e-003	6.025e-002	1.337e-002	1.387e-001
90	-1.060e-001	-3.073e-003	5.911e-002	8.225e-002	1.908e-002	1.582e-001
91	-9.101e-002	-1.585e-003	4.979e-002	-1.106e-001	2.480e-002	-2.007e-001
92	-4.391e-003	-6.630e-005	2.357e-003	2.555e-004	3.051e-002	1.582e-004
93	-9.108e-002	1.450e-003	4.987e-002	1.104e-001	2.487e-002	2.006e-001
94	-1.060e-001	2.938e-003	5.909e-002	-8.244e-002	1.922e-002	-1.584e-001
95	-9.151e-004	4.372e-003	5.858e-003	-5.965e-002	1.358e-002	-1.385e-001
96	-1.090e-003	4.103e-003	-5.013e-003	-6.249e-002	1.380e-002	1.316e-001
97	-9.891e-002	2.835e-003	-5.692e-002	-7.809e-002	1.717e-002	1.453e-001
98	-8.381e-002	1.514e-003	-4.715e-002	1.078e-001	2.054e-002	-1.886e-001
99	-2.831e-003	1.641e-004	-1.237e-003	-2.142e-004	2.391e-002	-3.498e-005
100	-8.392e-002	-1.184e-003	-4.732e-002	-1.079e-001	2.052e-002	1.889e-001
101	-9.906e-002	-2.510e-003	-5.702e-002	7.840e-002	1.713e-002	-1.455e-001
102	-1.024e-003	-3.789e-003	-5.069e-003	6.209e-002	1.374e-002	-1.321e-001
103	9.734e-004	2.528e-002	7.459e-003	-6.209e-002	5.881e-003	-3.847e-002
104	8.936e-004	-2.460e-002	-6.790e-003	7.075e-002	7.144e-003	-3.484e-002
105	1.595e-003	1.264e-004	-5.234e-003	3.241e-005	2.516e-002	-5.258e-004
106	1.002e-003	-1.095e-004	7.416e-003	2.309e-004	3.214e-002	2.649e-005
107	8.435e-004	2.482e-002	-6.756e-003	-7.074e-002	7.362e-003	3.385e-002
108	9.491e-004	-2.551e-002	7.389e-003	6.270e-002	5.756e-003	3.848e-002
109	9.321e-004	2.585e-002	5.909e-003	-3.707e-002	-2.167e-002	7.735e-002
110	2.937e-003	1.369e-005	-5.504e-003	1.142e-004	-1.939e-002	-6.191e-004
111	2.799e-003	-1.147e-004	8.441e-003	1.581e-004	-1.740e-002	-1.318e-004
112	9.418e-004	-2.560e-002	-5.588e-003	5.249e-002	-1.946e-002	7.889e-002
113	9.099e-004	2.562e-002	-5.599e-003	-5.225e-002	-1.919e-002	-7.997e-002
114	9.037e-004	-2.609e-002	5.831e-003	3.756e-002	-2.164e-002	-7.767e-002
115	6.741e-004	-1.110e-004	-3.854e-005	-1.098e-002	-3.507e-002	-2.042e-001
116	1.487e-001	-1.022e-004	-5.169e-003	-4.851e-003	-3.843e-002	-2.174e-001
117	1.251e-001	-9.147e-005	-2.977e-003	1.176e-002	-4.178e-002	2.851e-001
118	3.131e-003	-7.905e-005	1.495e-003	5.938e-005	-4.514e-002	-2.673e-004
119	1.252e-001	-6.952e-005	-2.980e-003	-1.183e-002	-4.185e-002	-2.849e-001
120	1.486e-001	-5.868e-005	-5.194e-003	4.885e-003	-3.855e-002	2.176e-001
121	7.001e-004	-4.675e-005	1.792e-005	1.130e-002	-3.526e-002	2.036e-001
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000

Vettori modali 59 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
123	2.046e-005	1.374e-005	1.639e-005	2.953e-003	4.646e-003	2.027e-007
124	3.189e-005	-1.155e-005	-4.618e-004	-8.583e-003	5.660e-004	1.567e-007
125	5.583e-004	1.156e-006	-1.275e-003	-4.134e-003	8.748e-003	-2.085e-007
126	5.799e-004	-9.512e-005	3.683e-003	-3.401e-003	2.128e-003	-1.853e-008
127	5.523e-004	4.795e-005	-5.542e-003	3.890e-003	9.535e-003	-3.110e-008
128	6.219e-009	4.147e-010	1.802e-011	-2.522e-003	-2.192e-003	-9.578e-008
129	8.257e-009	-1.503e-010	2.800e-011	2.445e-003	2.227e-003	8.418e-008
130	1.228e-005	-6.646e-006	8.647e-007	-4.320e-003	-2.208e-003	-1.862e-008
131	3.831e-009	-7.771e-010	-7.688e-011	-2.947e-003	2.254e-003	-4.982e-008
132	2.092e-004	1.702e-005	1.320e-003	3.234e-003	1.325e-002	1.765e-008
133	2.118e-004	-2.842e-005	-3.604e-003	-6.351e-003	1.218e-002	-1.366e-008
134	4.409e-004	-1.999e-005	3.331e-003	4.798e-003	6.994e-003	-9.628e-008
135	4.041e-004	-7.769e-006	-5.853e-003	-2.631e-003	2.459e-002	3.493e-008
136	5.619e-004	-2.357e-005	5.443e-004	-7.530e-004	6.832e-003	1.426e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	5.583e-004	1.161e-006	-1.275e-003	3.705e-003	8.799e-003	8.371e-008
139	5.799e-004	-9.513e-005	3.683e-003	2.360e-003	2.174e-003	5.472e-008
140	5.523e-004	4.796e-005	-5.542e-003	-3.676e-003	9.491e-003	5.722e-008
141	3.329e-005	-2.942e-004	3.083e-005	-2.332e-003	4.256e-003	-5.860e-008
142	4.319e-005	1.939e-004	-4.721e-004	8.369e-003	1.815e-004	-3.935e-008
143	5.619e-004	-2.358e-005	5.443e-004	7.534e-004	6.794e-003	-1.859e-008
144	4.565e-004	-1.832e-004	3.300e-003	-3.884e-003	6.969e-003	-5.432e-008
145	4.217e-004	1.145e-004	-5.908e-003	2.207e-003	2.463e-002	-6.954e-008
146	2.366e-004	-2.535e-004	1.348e-003	-3.924e-003	1.314e-002	-2.412e-009
147	2.350e-004	1.685e-004	-3.659e-003	6.784e-003	1.224e-002	9.007e-009
148	2.990e-009	-2.923e-004	-1.361e-010	1.482e-003	-2.090e-003	4.637e-008
149	4.640e-009	-3.679e-005	2.984e-011	-2.446e-003	2.111e-003	-9.438e-008
150	7.184e-006	3.738e-005	9.412e-007	4.392e-003	-2.103e-003	1.829e-008
151	1.877e-009	1.931e-004	5.367e-011	3.484e-003	2.129e-003	3.703e-008

Vettori modali 60 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.597e-003	-4.560e-004	-6.419e-005	-6.069e-003	1.896e-003	-8.447e-007
2	-1.571e-003	4.943e-004	-2.085e-004	3.112e-003	-1.027e-002	-4.903e-007
3	-8.774e-004	-4.908e-004	-6.179e-006	5.403e-003	7.417e-003	-2.115e-007
4	-6.346e-004	3.736e-004	1.594e-004	-3.837e-003	9.558e-004	2.334e-007
5	-1.919e-004	-6.247e-005	1.284e-003	1.639e-002	-5.591e-003	2.779e-003
6	-1.770e-004	6.114e-005	-1.509e-003	-1.920e-002	-4.610e-003	2.536e-003
7	-5.422e-004	-1.608e-005	7.514e-005	1.667e-003	2.464e-003	-2.356e-007
8	-7.550e-004	-3.015e-005	1.576e-004	-3.914e-003	9.666e-003	3.218e-007
9	-1.422e-003	-2.056e-005	-2.379e-004	-1.754e-003	-8.219e-003	5.913e-007
10	-2.455e-003	-5.316e-005	-8.949e-005	4.294e-003	2.787e-003	1.581e-006
11	-3.285e-003	-1.737e-004	-1.620e-003	-1.731e-005	8.736e-003	-7.306e-004
12	-3.266e-003	3.537e-004	4.752e-003	-2.013e-005	4.809e-003	-1.491e-004
13	-3.290e-003	-4.194e-004	-5.477e-003	-8.159e-005	7.434e-003	-8.826e-005
14	-2.539e-004	1.233e-003	1.219e-003	-1.558e-002	-5.055e-003	-3.385e-003
15	-2.401e-004	-1.368e-003	-1.436e-003	1.828e-002	-4.266e-003	-3.137e-003
16	0.000e+000	0.000e+000	0.000e+000	1.587e-002	-4.077e-005	1.951e-003
17	0.000e+000	0.000e+000	0.000e+000	1.414e-003	1.346e-005	5.892e-004
18	-5.839e-005	-3.142e-007	-2.646e-006	-5.286e-003	9.333e-006	-4.953e-004
19	0.000e+000	0.000e+000	0.000e+000	-1.869e-002	-3.189e-005	1.787e-003
20	-1.531e-003	-1.272e-004	6.782e-003	8.106e-003	-2.515e-003	2.987e-003
21	-1.365e-003	-1.315e-005	5.878e-004	6.928e-004	-3.624e-003	3.306e-003
22	-1.417e-003	9.567e-005	-7.793e-003	-8.975e-003	-1.048e-003	3.091e-003
23	-2.681e-003	6.510e-006	7.316e-003	-5.066e-003	1.147e-003	1.892e-003
24	-2.656e-003	-1.703e-005	6.206e-004	-5.174e-004	4.237e-004	2.125e-003

Vettori modali 60 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
25	-2.763e-003	-5.264e-005	-8.294e-003	5.738e-003	3.193e-003	2.058e-003
26	-3.283e-003	-3.813e-005	3.701e-004	1.482e-005	8.063e-003	-2.971e-004
27	-2.754e-003	7.602e-004	7.150e-003	4.648e-003	1.336e-003	-1.634e-003
28	-2.785e-003	-5.564e-005	6.321e-004	5.268e-004	7.462e-004	-1.727e-003
29	-2.864e-003	-8.503e-004	-8.163e-003	-5.277e-003	3.314e-003	-1.819e-003
30	-1.663e-003	1.066e-003	6.518e-003	-7.978e-003	-2.137e-003	-2.936e-003
31	-1.541e-003	-5.436e-005	5.960e-004	-7.139e-004	1.132e-003	-3.244e-003
32	-1.550e-003	-1.178e-003	-7.521e-003	8.927e-003	-8.053e-004	-3.074e-003
33	0.000e+000	1.229e-003	0.000e+000	-1.507e-002	-3.955e-005	-2.936e-003
34	0.000e+000	-6.965e-005	0.000e+000	-1.428e-003	1.759e-005	-2.008e-003
35	-2.997e-005	-4.637e-004	-3.393e-006	4.976e-003	1.063e-005	-1.516e-003
36	0.000e+000	-1.366e-003	0.000e+000	1.778e-002	-3.352e-005	-2.818e-003
37	-2.147e-003	-2.122e-002	1.149e-005	3.463e-002	-9.330e-005	1.366e-002
38	-1.795e-003	2.532e-002	-2.198e-004	-4.156e-002	-9.336e-005	1.060e-002
39	-3.073e-003	-1.223e-003	2.735e-003	3.677e-003	8.806e-004	-1.634e-004
40	-3.699e-003	1.671e-003	-3.447e-003	-4.754e-003	-2.150e-003	-1.013e-004
41	-1.999e-003	2.042e-002	-1.624e-005	-2.991e-002	5.285e-005	-1.400e-002
42	-1.718e-003	-2.394e-002	-1.881e-004	3.529e-002	3.556e-005	-1.097e-002
43	7.989e-006	-1.885e-002	-1.261e-003	-4.033e-002	7.183e-003	2.454e-002
44	-4.268e-005	2.255e-002	1.074e-003	4.833e-002	5.802e-003	1.866e-002
45	-3.432e-004	-1.659e-003	6.604e-004	-2.415e-003	9.490e-003	-1.778e-004
46	-1.905e-003	2.161e-003	-1.344e-003	3.362e-003	9.614e-003	-1.143e-004
47	5.575e-005	1.708e-002	-1.252e-003	3.859e-002	6.731e-003	-2.462e-002
48	-5.121e-006	-2.008e-002	1.064e-003	-4.532e-002	5.556e-003	-1.881e-002
49	3.388e-003	-3.221e-003	-2.567e-003	2.296e-002	4.096e-003	3.595e-002
50	2.550e-003	3.490e-003	2.406e-003	-2.594e-002	2.603e-003	2.711e-002
51	-8.281e-003	-2.123e-003	9.177e-003	1.473e-002	6.637e-003	6.513e-003
52	-5.700e-003	2.263e-003	-1.339e-002	-2.220e-002	5.485e-003	3.598e-003
53	-2.696e-003	-9.844e-004	7.166e-003	-2.019e-002	9.177e-003	-2.344e-002
54	-1.325e-003	9.932e-004	-1.135e-002	2.759e-002	8.367e-003	-1.694e-002
55	5.517e-003	1.732e-004	-1.530e-003	-1.824e-003	1.172e-002	-1.928e-004
56	4.444e-003	-2.960e-004	8.907e-004	2.361e-003	1.125e-002	-1.279e-004
57	-2.581e-003	1.344e-003	7.024e-003	2.221e-002	9.133e-003	2.344e-002
58	-1.255e-003	-1.603e-003	-1.112e-002	-3.008e-002	8.326e-003	1.695e-002
59	-8.277e-003	2.489e-003	1.000e-002	-1.394e-002	6.548e-003	-6.129e-003
60	-5.703e-003	-2.879e-003	-1.439e-002	2.110e-002	5.403e-003	-3.367e-003
61	3.231e-003	3.587e-003	-2.519e-003	-2.694e-002	3.962e-003	-3.575e-002
62	2.460e-003	-4.099e-003	2.353e-003	3.105e-002	2.481e-003	-2.703e-002
63	2.032e-003	2.847e-002	3.762e-003	-3.022e-002	-3.968e-003	5.269e-002
64	7.150e-003	-9.775e-004	3.406e-003	-1.471e-004	-2.546e-003	-3.310e-004
65	1.959e-003	-3.039e-002	3.670e-003	2.962e-002	-3.834e-003	-5.295e-002
66	3.193e-003	-2.635e-002	-3.816e-003	2.852e-002	-4.797e-003	6.076e-002
67	8.974e-003	7.926e-004	-3.813e-003	-1.501e-004	-1.786e-003	-3.543e-004
68	3.114e-003	2.794e-002	-3.735e-003	-2.859e-002	-4.448e-003	-6.109e-002
69	-3.593e-002	-1.194e-003	1.133e-001	2.473e-001	3.566e-003	9.960e-002
70	-4.788e-002	-2.171e-003	1.306e-001	-1.976e-001	4.350e-003	-6.368e-002
71	1.285e-003	2.748e-003	5.110e-003	1.398e-001	5.501e-003	7.959e-002
72	-4.791e-002	1.796e-003	1.308e-001	2.000e-001	4.595e-003	6.440e-002
73	-3.621e-002	8.087e-004	1.144e-001	-2.473e-001	3.689e-003	-9.955e-002
74	4.842e-003	-1.940e-004	5.981e-003	-2.063e-003	2.783e-003	-5.444e-004
75	1.202e-003	-3.107e-003	4.981e-003	-1.434e-001	5.133e-003	-8.019e-002
76	1.513e-003	-2.479e-003	-5.052e-003	-1.308e-001	3.821e-003	8.684e-002
77	-5.037e-002	-1.597e-003	-1.240e-001	-1.901e-001	2.827e-003	6.609e-002
78	-3.719e-002	-6.833e-004	-1.087e-001	2.338e-001	1.833e-003	-1.059e-001
79	6.110e-003	2.432e-004	-6.136e-003	1.710e-003	8.392e-004	-5.241e-004

Vettori modali 60 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
80	-3.698e-002	1.171e-003	-1.079e-001	-2.340e-001	1.727e-003	1.061e-001
81	-5.040e-002	2.077e-003	-1.239e-001	1.882e-001	2.614e-003	-6.556e-002
82	1.508e-003	2.942e-003	-4.938e-003	1.339e-001	3.502e-003	-8.773e-002
83	2.757e-003	-1.087e-002	5.162e-003	-1.616e-002	6.110e-003	3.322e-002
84	2.695e-003	-1.101e-002	-4.873e-003	-1.444e-002	4.828e-003	-3.837e-002
85	2.794e-003	1.068e-002	-5.033e-003	1.878e-002	5.519e-003	3.722e-002
86	7.047e-003	-1.539e-004	-5.193e-003	2.013e-003	-5.529e-004	-8.020e-004
87	2.585e-003	1.135e-002	4.990e-003	1.147e-002	5.518e-003	-3.402e-002
88	6.103e-003	2.336e-004	5.175e-003	-2.102e-003	1.392e-003	-6.806e-004
89	3.713e-003	-4.131e-003	5.233e-003	-1.126e-001	4.673e-003	4.166e-002
90	-9.178e-003	-2.612e-003	-6.313e-002	-9.139e-002	5.338e-003	5.838e-003
91	-2.303e-003	-1.042e-003	-4.972e-002	1.299e-001	6.003e-003	-2.688e-002
92	6.916e-003	5.470e-004	4.259e-003	-1.087e-003	6.668e-003	-3.081e-004
93	-1.759e-003	2.146e-003	-5.040e-002	-1.301e-001	5.916e-003	2.603e-002
94	-8.740e-003	3.703e-003	-6.340e-002	9.271e-002	5.163e-003	-4.595e-003
95	3.472e-003	5.190e-003	5.002e-003	1.104e-001	4.411e-003	-4.081e-002
96	3.708e-003	3.994e-003	-5.071e-003	1.122e-001	4.531e-003	3.985e-002
97	-6.722e-003	2.543e-003	6.366e-002	9.242e-002	4.347e-003	1.189e-003
98	2.634e-004	1.042e-003	5.035e-002	-1.306e-001	4.163e-003	-2.277e-002
99	7.529e-003	-4.777e-004	-4.019e-003	1.080e-003	3.979e-003	-4.223e-004
100	7.454e-004	-2.008e-003	5.093e-002	1.306e-001	4.003e-003	2.221e-002
101	-6.411e-003	-3.500e-003	6.382e-002	-9.356e-002	4.027e-003	-6.361e-005
102	3.516e-003	-4.925e-003	-4.834e-003	-1.098e-001	4.050e-003	-3.951e-002
103	4.135e-003	1.820e-003	5.426e-003	6.097e-002	-3.879e-005	-3.851e-002
104	4.139e-003	-1.595e-003	-5.234e-003	-5.827e-002	-2.838e-005	-3.778e-002
105	9.033e-003	-5.195e-004	-5.060e-003	4.935e-004	7.046e-003	9.423e-004
106	8.800e-003	5.372e-004	5.731e-003	-3.380e-004	9.871e-003	1.330e-003
107	4.356e-003	5.932e-004	-5.501e-003	5.996e-002	-1.140e-004	3.962e-002
108	4.372e-003	-8.197e-004	5.648e-003	-6.222e-002	-3.922e-004	4.103e-002
109	3.837e-003	3.378e-003	3.979e-003	2.603e-002	-1.553e-002	-9.221e-003
110	9.290e-003	-3.124e-004	-4.179e-003	1.445e-004	-1.587e-002	1.520e-003
111	9.240e-003	2.485e-004	5.178e-003	1.956e-005	-1.486e-002	1.870e-003
112	3.844e-003	-3.345e-003	-3.843e-003	-2.105e-002	-1.505e-002	-8.909e-003
113	4.036e-003	2.672e-003	-4.044e-003	2.199e-002	-1.568e-002	1.181e-002
114	4.031e-003	-2.851e-003	4.094e-003	-2.644e-002	-1.634e-002	1.262e-002
115	3.753e-003	-5.758e-005	-1.886e-005	-3.445e-003	-2.433e-002	-4.411e-002
116	6.087e-002	-5.686e-005	-1.654e-003	-1.537e-003	-2.590e-002	-1.028e-001
117	5.866e-002	-5.504e-005	-9.281e-004	3.833e-003	-2.747e-002	1.073e-001
118	9.213e-003	-5.216e-005	5.265e-004	2.728e-005	-2.904e-002	1.083e-003
119	5.867e-002	-5.158e-005	-9.404e-004	-3.891e-003	-2.717e-002	-1.087e-001
120	6.144e-002	-5.000e-005	-1.674e-003	1.594e-003	-2.530e-002	1.027e-001
121	3.580e-003	-4.745e-005	3.324e-005	3.688e-003	-2.343e-002	4.724e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.919e-004	-6.249e-005	1.284e-003	7.029e-003	5.143e-003	-1.125e-006
124	-1.770e-004	6.116e-005	-1.509e-003	-9.567e-003	3.859e-003	-7.842e-007
125	-3.285e-003	-1.737e-004	-1.620e-003	-1.068e-002	4.956e-003	1.076e-006
126	-3.266e-003	3.537e-004	4.752e-003	6.926e-003	4.525e-004	8.869e-008
127	-3.290e-003	-4.194e-004	-5.477e-003	-7.269e-003	1.163e-002	3.171e-007
128	-3.391e-008	-7.414e-009	-4.766e-010	2.516e-002	4.319e-003	4.094e-007
129	-4.945e-008	-2.212e-009	2.631e-011	1.669e-003	-4.510e-003	-3.713e-007
130	-5.842e-005	-3.112e-007	-2.646e-006	7.228e-003	4.402e-003	1.161e-007
131	-1.907e-008	6.582e-009	4.918e-010	-2.832e-002	-4.599e-003	2.151e-007
132	-1.531e-003	-1.272e-004	6.782e-003	1.927e-002	5.058e-002	-4.349e-008
133	-1.417e-003	9.570e-005	-7.793e-003	-2.045e-002	1.392e-002	1.274e-007
134	-2.681e-003	6.476e-006	7.316e-003	-1.711e-002	1.871e-002	5.182e-007

Vettori modali 60 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
135	-2.763e-003	-5.261e-005	-8.294e-003	1.841e-002	4.747e-002	-1.551e-007
136	-3.283e-003	-3.814e-005	3.701e-004	-5.066e-004	1.212e-002	-6.570e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.285e-003	-1.737e-004	-1.620e-003	1.234e-002	4.554e-003	-4.042e-007
139	-3.266e-003	3.538e-004	4.752e-003	-2.690e-003	7.326e-005	-2.749e-007
140	-3.290e-003	-4.195e-004	-5.477e-003	5.324e-003	1.199e-002	-5.272e-007
141	-2.539e-004	1.233e-003	1.219e-003	-1.058e-002	7.417e-003	4.064e-007
142	-2.401e-004	-1.368e-003	-1.436e-003	1.050e-002	6.027e-003	1.394e-007
143	-3.283e-003	-3.812e-005	3.701e-004	5.307e-004	1.245e-002	-2.141e-008
144	-2.754e-003	7.602e-004	7.150e-003	1.223e-002	1.789e-002	2.438e-007
145	-2.864e-003	-8.504e-004	-8.163e-003	-1.599e-002	4.763e-002	3.802e-007
146	-1.663e-003	1.066e-003	6.518e-003	-1.474e-002	5.049e-002	-4.209e-008
147	-1.550e-003	-1.178e-003	-7.521e-003	1.854e-002	1.437e-002	-9.180e-008
148	-1.703e-008	1.229e-003	3.381e-010	-1.970e-002	3.800e-003	-1.834e-007
149	-3.011e-008	-6.965e-005	5.978e-011	-1.674e-003	-3.911e-003	3.926e-007
150	-2.999e-005	-4.637e-004	-3.393e-006	-7.023e-003	3.867e-003	-9.599e-008
151	-8.309e-009	-1.366e-003	-2.154e-010	2.522e-002	-3.957e-003	-1.550e-007

Vettori modali 61 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-6.458e-006	2.946e-004	-4.314e-006	2.475e-003	2.024e-003	-1.560e-007
2	-9.010e-006	3.354e-004	-3.167e-005	-3.743e-004	-2.869e-003	-4.409e-008
3	1.803e-005	3.244e-004	2.902e-005	-2.557e-003	9.256e-005	-9.795e-008
4	-1.052e-005	3.442e-004	7.894e-005	-1.685e-004	-9.567e-004	4.465e-008
5	-2.267e-005	-6.707e-006	6.026e-004	7.461e-003	-6.158e-003	3.625e-004
6	2.512e-005	-5.426e-006	5.680e-004	7.030e-003	6.156e-003	-3.668e-004
7	2.034e-006	2.132e-005	7.118e-005	7.619e-005	-1.076e-003	-3.240e-008
8	7.485e-006	6.227e-005	3.966e-005	3.802e-003	-8.299e-004	2.803e-008
9	7.491e-006	6.917e-005	-4.547e-005	4.744e-004	-2.889e-003	7.452e-008
10	-1.717e-005	1.216e-004	-7.727e-006	-3.795e-003	2.612e-003	5.040e-008
11	-3.825e-006	2.157e-004	-4.928e-005	8.696e-005	1.976e-003	3.402e-005
12	-5.965e-006	2.181e-004	-1.523e-003	3.078e-004	-4.200e-003	2.936e-006
13	1.998e-006	2.193e-004	-1.585e-003	3.102e-004	4.264e-003	-1.137e-005
14	-3.578e-005	4.574e-004	5.814e-004	-7.183e-003	-6.818e-003	-4.929e-004
15	3.197e-005	4.588e-004	5.475e-004	-6.761e-003	6.842e-003	4.419e-004
16	0.000e+000	0.000e+000	0.000e+000	7.568e-003	-3.756e-005	2.149e-004
17	0.000e+000	0.000e+000	0.000e+000	8.540e-004	5.528e-008	7.417e-005
18	-1.527e-007	3.605e-005	1.891e-006	2.948e-003	-1.230e-005	1.366e-004
19	0.000e+000	0.000e+000	0.000e+000	7.135e-003	3.724e-005	-2.725e-004
20	-2.236e-005	5.972e-005	1.871e-003	-9.881e-004	-5.579e-003	-1.649e-004
21	-2.747e-006	7.319e-005	3.502e-004	4.059e-004	-5.628e-004	-8.717e-006
22	6.620e-006	6.299e-005	1.709e-003	-1.128e-003	5.596e-003	1.689e-004
23	2.303e-005	1.348e-004	1.177e-005	-4.922e-003	-4.890e-003	1.589e-005
24	-6.161e-006	1.423e-004	3.610e-004	-3.324e-004	7.994e-004	-2.332e-006
25	-1.229e-005	1.375e-004	-1.267e-004	-4.737e-003	4.930e-003	-3.245e-005
26	-1.765e-006	2.082e-004	1.979e-004	-2.465e-005	5.437e-005	1.215e-005
27	9.506e-006	3.063e-004	1.195e-004	4.808e-003	-5.122e-003	1.504e-005
28	-8.897e-006	2.589e-004	3.410e-004	3.117e-004	8.600e-004	3.045e-006
29	7.620e-007	3.069e-004	-1.822e-005	4.624e-003	5.172e-003	7.804e-006
30	-4.746e-005	3.846e-004	1.859e-003	7.569e-004	-6.044e-003	1.859e-004
31	-2.072e-006	2.903e-004	3.329e-004	-3.774e-004	-4.120e-004	-2.248e-005
32	2.663e-005	3.857e-004	1.700e-003	8.981e-004	6.079e-003	-1.676e-004
33	0.000e+000	4.540e-004	0.000e+000	-7.310e-003	-4.189e-005	-4.177e-004
34	0.000e+000	2.944e-004	0.000e+000	-8.163e-004	6.728e-007	3.351e-005
35	-3.227e-006	3.261e-004	1.962e-006	-2.839e-003	-1.333e-005	2.027e-004
36	0.000e+000	4.566e-004	0.000e+000	-6.885e-003	4.077e-005	3.697e-004

Vettori modali 61 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
37	-2.184e-003	-1.804e-002	8.531e-004	3.353e-002	-2.064e-004	1.824e-002
38	2.185e-003	-1.762e-002	8.193e-004	3.292e-002	2.031e-004	-1.820e-002
39	-3.332e-003	-1.353e-003	-1.778e-003	3.299e-003	-3.584e-003	7.100e-005
40	3.310e-003	-1.372e-003	-1.832e-003	3.342e-003	3.512e-003	-7.863e-005
41	-2.432e-003	1.654e-002	8.490e-004	-2.920e-002	-2.482e-004	-1.847e-002
42	2.438e-003	1.614e-002	8.176e-004	-2.862e-002	2.569e-004	1.840e-002
43	1.659e-004	-1.764e-002	1.086e-003	-3.406e-002	8.133e-003	3.611e-002
44	-1.656e-004	-1.730e-002	1.053e-003	-3.323e-002	-8.131e-003	-3.604e-002
45	-9.257e-004	-1.528e-003	-1.995e-003	-2.858e-003	1.293e-002	1.391e-004
46	8.930e-004	-1.549e-003	-2.040e-003	-2.894e-003	-1.288e-002	-1.459e-004
47	1.358e-004	1.576e-002	1.099e-003	3.069e-002	8.857e-003	-3.645e-002
48	-1.321e-004	1.544e-002	1.070e-003	2.990e-002	-8.870e-003	3.636e-002
49	4.556e-003	-2.304e-003	1.305e-003	1.266e-002	7.441e-003	5.486e-002
50	-4.550e-003	-2.263e-003	1.275e-003	1.214e-002	-7.419e-003	-5.475e-002
51	-1.383e-002	-1.445e-003	9.872e-003	1.046e-002	1.217e-002	1.065e-002
52	1.380e-002	-1.417e-003	9.317e-003	9.597e-003	-1.211e-002	-1.062e-002
53	-4.780e-003	-5.568e-004	6.539e-003	-2.133e-002	1.690e-002	-3.828e-002
54	4.767e-003	-5.431e-004	6.045e-003	-2.029e-002	-1.681e-002	3.818e-002
55	8.611e-003	3.419e-004	-2.178e-003	-1.498e-003	2.162e-002	2.104e-004
56	-8.590e-003	3.411e-004	-2.213e-003	-1.499e-003	-2.150e-002	-2.164e-004
57	-4.935e-003	1.255e-003	6.413e-003	2.297e-002	1.690e-002	3.835e-002
58	4.926e-003	1.240e-003	5.938e-003	2.197e-002	-1.682e-002	-3.825e-002
59	-1.386e-002	2.143e-003	1.053e-002	-9.804e-003	1.218e-002	-1.117e-002
60	1.383e-002	2.114e-003	1.000e-002	-8.968e-003	-1.213e-002	1.116e-002
61	4.791e-003	2.989e-003	1.336e-003	-1.593e-002	7.454e-003	-5.531e-002
62	-4.790e-003	2.948e-003	1.311e-003	-1.542e-002	-7.441e-003	5.520e-002
63	-5.456e-003	-1.755e-002	1.295e-003	1.940e-002	5.331e-003	-8.409e-002
64	-1.563e-002	5.209e-004	-2.599e-003	8.180e-004	1.376e-003	-4.142e-005
65	-5.466e-003	1.855e-002	1.347e-003	-1.753e-002	6.114e-003	8.388e-002
66	5.465e-003	-1.783e-002	1.312e-003	1.955e-002	-5.353e-003	8.422e-002
67	1.568e-002	5.200e-004	-2.594e-003	8.223e-004	-1.425e-003	4.196e-005
68	5.473e-003	1.882e-002	1.358e-003	-1.767e-002	-6.119e-003	-8.400e-002
69	4.641e-002	-1.873e-004	-6.851e-002	-1.505e-001	3.716e-003	-1.391e-001
70	6.497e-002	-2.378e-004	-7.823e-002	1.239e-001	2.278e-003	8.259e-002
71	-2.037e-003	-2.585e-006	1.290e-003	-9.632e-002	6.739e-004	-1.149e-001
72	6.514e-002	-4.730e-005	-7.855e-002	-1.254e-001	2.167e-003	-8.331e-002
73	4.666e-002	-9.110e-005	-6.921e-002	1.509e-001	3.660e-003	1.395e-001
74	-9.785e-003	-1.331e-004	-2.951e-003	9.959e-004	5.153e-003	1.426e-004
75	-1.750e-003	-2.836e-004	1.357e-003	9.781e-002	8.413e-004	1.140e-001
76	2.010e-003	-5.250e-005	1.293e-003	-9.729e-002	-8.024e-004	1.151e-001
77	-6.539e-002	-8.178e-005	-7.935e-002	-1.266e-001	-2.348e-003	8.373e-002
78	-4.691e-002	-1.095e-004	-6.992e-002	1.524e-001	-3.893e-003	-1.400e-001
79	9.744e-003	-1.350e-004	-2.979e-003	9.951e-004	-5.438e-003	-1.352e-004
80	-4.666e-002	-1.726e-004	-6.921e-002	-1.520e-001	-3.941e-003	1.396e-001
81	-6.522e-002	-2.068e-004	-7.904e-002	1.251e-001	-2.444e-003	-8.302e-002
82	1.731e-003	-2.370e-004	1.353e-003	9.876e-002	-9.464e-004	-1.142e-001
83	-2.443e-003	1.297e-002	1.813e-003	-1.764e-003	1.749e-003	-7.685e-003
84	2.151e-003	-1.352e-002	1.873e-003	2.680e-003	-1.333e-003	-6.580e-003
85	2.408e-003	1.306e-002	1.822e-003	-1.647e-003	-1.714e-003	7.590e-003
86	9.421e-003	-2.271e-004	-1.392e-003	2.356e-004	-1.282e-002	2.903e-004
87	-2.174e-003	-1.343e-002	1.873e-003	2.834e-003	1.386e-003	6.654e-003
88	-9.484e-003	-2.264e-004	-1.387e-003	2.382e-004	1.284e-002	-2.762e-004
89	-1.776e-003	1.784e-003	3.128e-003	9.488e-002	1.062e-002	7.800e-002
90	-7.868e-002	1.140e-003	8.735e-002	1.326e-001	1.825e-002	1.280e-001
91	-7.178e-002	4.731e-004	7.538e-002	-1.675e-001	2.587e-002	-1.463e-001

Vettori modali 61 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
92	-6.485e-003	-2.029e-004	2.591e-003	3.184e-005	3.350e-002	-2.738e-004
93	-7.201e-002	-8.766e-004	7.568e-002	1.681e-001	2.561e-002	1.472e-001
94	-7.908e-002	-1.533e-003	8.770e-002	-1.332e-001	1.772e-002	-1.285e-001
95	-1.596e-003	-2.160e-003	3.121e-003	-9.529e-002	9.829e-003	-7.956e-002
96	1.766e-003	1.850e-003	3.121e-003	9.483e-002	-1.039e-002	-7.791e-002
97	7.855e-002	1.185e-003	8.723e-002	1.324e-001	-1.797e-002	-1.278e-001
98	7.165e-002	4.967e-004	7.525e-002	-1.673e-001	-2.554e-002	1.461e-001
99	6.463e-003	-2.013e-004	2.558e-003	2.865e-005	-3.311e-002	2.935e-004
100	7.186e-002	-8.966e-004	7.555e-002	1.679e-001	-2.528e-002	-1.470e-001
101	7.893e-002	-1.575e-003	8.756e-002	-1.330e-001	-1.744e-002	1.282e-001
102	1.600e-003	-2.222e-003	3.102e-003	-9.527e-002	-9.602e-003	7.943e-002
103	-4.166e-004	1.071e-002	4.243e-003	-2.255e-002	5.127e-003	-1.017e-002
104	4.439e-004	1.061e-002	4.200e-003	-2.233e-002	-5.026e-003	1.007e-002
105	2.201e-003	-5.631e-005	7.078e-003	-4.317e-004	-2.614e-002	1.118e-003
106	-2.179e-003	-5.815e-005	7.157e-003	-4.410e-004	2.633e-002	-1.125e-003
107	5.068e-004	-1.061e-002	4.355e-003	2.105e-002	-5.966e-003	-8.128e-003
108	-4.926e-004	-1.071e-002	4.388e-003	2.131e-002	6.082e-003	8.220e-003
109	-1.460e-004	8.685e-003	4.206e-003	3.959e-002	-3.720e-003	1.764e-002
110	5.870e-004	1.790e-004	9.236e-003	-4.389e-004	-1.808e-003	1.027e-003
111	-5.595e-004	1.796e-004	9.308e-003	-4.483e-004	1.570e-003	-1.034e-003
112	1.754e-004	8.577e-003	4.166e-003	3.979e-002	3.589e-003	-1.737e-002
113	1.788e-004	-8.158e-003	4.465e-003	-4.139e-002	2.958e-003	1.878e-002
114	-1.608e-004	-8.269e-003	4.499e-003	-4.117e-002	-3.060e-003	-1.906e-002
115	8.485e-006	-3.896e-003	3.847e-003	-9.478e-002	-1.085e-004	-5.000e-004
116	4.445e-004	-2.538e-003	-4.683e-002	-5.952e-002	-1.465e-004	-6.874e-004
117	3.866e-004	-1.132e-003	-3.245e-002	1.028e-001	-1.844e-004	8.536e-004
118	1.270e-005	2.975e-004	8.662e-003	-9.935e-005	-2.224e-004	9.754e-006
119	3.677e-004	1.741e-003	-3.233e-002	-1.025e-001	-1.898e-004	-8.227e-004
120	4.283e-004	3.150e-003	-4.670e-002	5.905e-002	-1.573e-004	6.468e-004
121	1.378e-005	4.498e-003	3.487e-003	9.326e-002	-1.247e-004	4.785e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.266e-005	-6.704e-006	6.026e-004	6.398e-003	5.084e-003	9.404e-008
124	2.512e-005	-5.422e-006	5.680e-004	4.608e-003	-5.212e-003	-9.778e-008
125	-3.827e-006	2.157e-004	-4.928e-005	2.744e-003	2.974e-003	-8.104e-008
126	-5.963e-006	2.181e-004	-1.523e-003	9.697e-004	-4.057e-003	6.757e-008
127	1.996e-006	2.193e-004	-1.585e-003	2.345e-003	3.600e-003	-7.028e-008
128	2.415e-010	3.681e-009	2.765e-010	8.540e-003	-8.621e-004	3.025e-008
129	3.974e-010	8.222e-009	1.105e-010	9.742e-004	8.600e-004	-1.518e-008
130	-1.528e-007	3.605e-005	1.891e-006	-3.748e-003	-8.795e-004	-2.104e-008
131	-7.461e-010	2.039e-009	1.526e-010	9.496e-003	8.771e-004	-1.868e-008
132	-2.236e-005	5.972e-005	1.871e-003	-3.467e-004	1.412e-002	2.087e-008
133	6.618e-006	6.299e-005	1.709e-003	8.228e-004	-4.400e-003	-3.977e-008
134	2.303e-005	1.348e-004	1.177e-005	-7.101e-003	-1.798e-003	-6.085e-008
135	-1.229e-005	1.375e-004	-1.267e-004	-8.165e-003	-5.038e-003	2.908e-008
136	-1.764e-006	2.082e-004	1.979e-004	-3.141e-004	-8.563e-004	2.824e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.826e-006	2.157e-004	-4.928e-005	-1.504e-003	3.001e-003	4.481e-008
139	-5.964e-006	2.181e-004	-1.523e-003	-6.437e-004	-4.034e-003	-6.711e-008
140	1.997e-006	2.193e-004	-1.585e-003	-1.900e-003	3.574e-003	9.765e-008
141	-3.578e-005	4.574e-004	5.814e-004	-5.856e-003	4.723e-003	-1.752e-007
142	3.197e-005	4.588e-004	5.475e-004	-4.196e-003	-5.384e-003	1.676e-007
143	-1.764e-006	2.082e-004	1.979e-004	2.537e-004	-8.805e-004	-3.238e-008
144	9.507e-006	3.063e-004	1.195e-004	7.208e-003	-1.493e-003	1.312e-007
145	7.622e-007	3.069e-004	-1.822e-005	8.156e-003	-4.677e-003	-5.877e-008
146	-4.745e-005	3.846e-004	1.859e-003	-2.335e-004	1.399e-002	-5.816e-008

Vettori modali 61 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
147	2.663e-005	3.857e-004	1.700e-003	-1.282e-003	-5.762e-003	2.402e-008
148	1.607e-009	4.540e-004	2.634e-010	-8.566e-003	-7.421e-004	-8.402e-009
149	1.093e-009	2.944e-004	1.200e-011	-9.553e-004	7.467e-004	2.020e-008
150	-3.228e-006	3.261e-004	1.962e-006	2.433e-003	-7.683e-004	-1.854e-008
151	-1.695e-009	4.565e-004	1.843e-010	-9.385e-003	7.567e-004	6.573e-009

Vettori modali 62 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-4.608e-004	-1.576e-004	-1.418e-004	2.800e-004	-6.235e-003	-2.721e-008
2	-2.811e-004	1.353e-004	2.118e-004	5.297e-004	-6.757e-003	4.915e-009
3	-1.413e-004	-1.264e-004	-8.669e-005	1.011e-003	-6.103e-003	8.817e-008
4	-1.105e-004	7.347e-005	-1.014e-006	-4.594e-003	-2.080e-003	5.104e-008
5	-1.677e-005	-3.329e-006	9.956e-004	1.317e-002	4.079e-002	3.269e-004
6	-6.696e-006	2.640e-006	-1.021e-003	-1.348e-002	4.272e-002	1.624e-004
7	-1.420e-004	-9.758e-006	9.272e-006	-2.642e-003	3.340e-003	-3.379e-008
8	-1.998e-004	-2.362e-005	9.660e-005	-3.095e-003	8.250e-003	1.336e-007
9	-3.547e-004	2.081e-005	-2.114e-004	-9.301e-004	3.755e-003	1.525e-007
10	-5.960e-004	-6.493e-005	6.192e-005	4.138e-003	4.373e-003	4.078e-007
11	-6.843e-004	-1.012e-004	4.463e-005	8.087e-003	-1.709e-004	-4.104e-004
12	-6.797e-004	2.256e-004	-7.982e-005	-2.412e-002	2.864e-005	-1.923e-004
13	-6.811e-004	-2.830e-004	8.416e-005	2.421e-002	2.723e-005	-3.183e-004
14	-6.652e-005	2.980e-004	-9.976e-004	1.321e-002	-4.049e-002	-8.107e-004
15	-7.400e-005	-3.202e-004	1.026e-003	-1.355e-002	-4.243e-002	-9.245e-004
16	0.000e+000	0.000e+000	0.000e+000	1.208e-002	3.387e-004	1.258e-004
17	0.000e+000	0.000e+000	0.000e+000	-4.441e-005	-1.812e-004	1.907e-004
18	-1.209e-005	1.224e-005	3.787e-005	-4.164e-003	-1.205e-004	-2.995e-005
19	0.000e+000	0.000e+000	0.000e+000	-1.240e-002	3.552e-004	3.430e-005
20	-4.229e-004	2.448e-005	7.255e-003	1.264e-002	2.873e-002	1.013e-003
21	-3.209e-004	-6.611e-006	-1.817e-005	-2.044e-005	-6.342e-003	7.655e-004
22	-3.463e-004	-4.223e-005	-7.235e-003	-1.230e-002	3.010e-002	1.070e-003
23	-6.821e-004	9.603e-005	8.869e-003	-8.131e-003	1.438e-002	1.799e-004
24	-6.120e-004	-7.093e-006	-1.626e-005	2.642e-005	-6.037e-003	4.195e-004
25	-7.309e-004	-1.307e-004	-8.752e-003	8.003e-003	1.506e-002	3.143e-004
26	-6.849e-004	-1.838e-005	5.409e-007	2.593e-005	-1.947e-004	-2.591e-004
27	-4.406e-004	2.603e-004	-9.017e-003	-8.033e-003	-1.424e-002	-6.024e-004
28	-5.378e-004	-1.681e-005	5.705e-006	1.726e-006	7.200e-003	-3.605e-004
29	-4.102e-004	-3.026e-004	8.911e-003	7.915e-003	-1.492e-002	-5.258e-004
30	-2.069e-004	2.946e-004	-7.316e-003	1.284e-002	-2.850e-002	-2.347e-004
31	-2.990e-004	-1.876e-005	3.963e-006	-9.024e-006	7.632e-003	-6.146e-004
32	-2.463e-004	-3.260e-004	7.310e-003	-1.251e-002	-2.987e-002	-1.877e-004
33	0.000e+000	2.975e-004	0.000e+000	1.210e-002	-3.360e-004	-8.048e-004
34	0.000e+000	-2.186e-005	0.000e+000	-7.552e-006	1.795e-004	-4.079e-004
35	-7.432e-006	-1.016e-004	-3.740e-005	-4.159e-003	1.190e-004	-2.957e-004
36	0.000e+000	-3.209e-004	0.000e+000	-1.246e-002	-3.517e-004	-8.714e-004
37	1.461e-002	-4.555e-003	-1.720e-003	1.255e-003	3.091e-003	-7.341e-003
38	1.531e-002	6.397e-003	1.624e-003	-4.892e-003	3.218e-003	-7.858e-003
39	-5.562e-005	2.429e-002	-6.856e-005	-3.396e-002	1.973e-003	7.705e-003
40	-5.802e-005	-2.863e-002	7.360e-005	4.272e-002	1.975e-003	7.954e-003
41	-1.456e-002	-4.140e-003	1.761e-003	1.294e-003	-2.905e-003	-9.355e-003
42	-1.526e-002	6.041e-003	-1.661e-003	-5.091e-003	-3.035e-003	-9.888e-003
43	1.679e-003	-1.589e-003	-4.398e-003	-8.526e-003	-4.281e-002	-1.501e-002
44	1.752e-003	3.432e-003	4.234e-003	1.214e-002	-4.487e-002	-1.588e-002
45	6.823e-004	1.779e-002	-5.577e-005	5.288e-002	3.832e-004	1.560e-002
46	6.838e-004	-2.218e-002	6.142e-005	-6.154e-002	3.968e-004	1.623e-002
47	-1.591e-003	-1.456e-003	4.481e-003	-7.690e-003	4.281e-002	-1.790e-002
48	-1.663e-003	3.370e-003	-4.312e-003	1.141e-002	4.488e-002	-1.885e-002

Vettori modali 62 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
49	-1.323e-002	-2.938e-003	-7.102e-003	2.250e-002	2.812e-003	-2.305e-002
50	-1.388e-002	3.079e-003	6.870e-003	-2.358e-002	2.905e-003	-2.429e-002
51	1.397e-003	-2.863e-003	1.655e-002	4.610e-002	1.559e-003	-3.062e-002
52	1.424e-003	2.959e-003	-1.917e-002	-5.065e-002	1.632e-003	-3.197e-002
53	9.200e-003	-2.730e-003	2.041e-002	-3.250e-002	3.066e-004	3.369e-003
54	9.577e-003	2.777e-003	-2.290e-002	3.751e-002	3.584e-004	3.474e-003
55	3.339e-004	-2.541e-003	-4.105e-005	-2.129e-002	-9.463e-004	2.389e-002
56	3.463e-004	2.539e-003	4.718e-005	2.241e-002	-9.151e-004	2.490e-002
57	-9.772e-003	-2.726e-003	-1.958e-002	-3.033e-002	-1.352e-003	6.785e-003
58	-1.017e-002	2.776e-003	2.212e-002	3.543e-002	-1.351e-003	7.016e-003
59	-2.709e-003	-2.856e-003	-1.549e-002	4.468e-002	-1.758e-003	-3.174e-002
60	-2.784e-003	2.956e-003	1.816e-002	-4.933e-002	-1.787e-003	-3.313e-002
61	1.343e-002	-2.928e-003	7.227e-003	2.155e-002	-2.164e-003	-2.686e-002
62	1.409e-002	3.076e-003	-6.989e-003	-2.264e-002	-2.223e-003	-2.825e-002
63	3.757e-003	2.753e-003	9.465e-003	1.641e-002	5.987e-002	2.152e-002
64	2.490e-005	-4.393e-003	5.079e-005	5.792e-003	-4.570e-004	-1.605e-002
65	-3.158e-003	2.675e-003	-9.601e-003	1.607e-002	-5.959e-002	1.938e-002
66	3.715e-003	-2.438e-003	-9.700e-003	-1.599e-002	5.773e-002	2.155e-002
67	8.600e-007	3.952e-003	-4.560e-005	-5.484e-003	-4.551e-004	-1.581e-002
68	-3.138e-003	-2.337e-003	9.840e-003	-1.567e-002	-5.745e-002	1.954e-002
69	2.559e-002	-4.124e-003	-1.635e-002	-4.143e-002	-2.021e-002	-1.744e-002
70	7.284e-003	-2.996e-003	-2.228e-002	2.004e-002	-4.059e-002	8.234e-002
71	3.481e-002	-1.785e-003	1.199e-002	-1.265e-002	5.954e-002	6.968e-002
72	-7.074e-003	-2.981e-003	2.155e-002	1.924e-002	3.975e-002	8.246e-002
73	-2.555e-002	-4.116e-003	1.584e-002	-3.991e-002	1.996e-002	-1.696e-002
74	-5.639e-005	-5.167e-003	5.349e-005	4.118e-003	1.753e-004	-5.911e-002
75	-3.457e-002	-1.807e-003	-1.214e-002	-1.208e-002	-6.097e-002	6.945e-002
76	3.411e-002	1.699e-003	-1.222e-002	1.336e-002	5.974e-002	6.843e-002
77	-6.781e-003	2.855e-003	-2.082e-002	-1.726e-002	3.990e-002	8.037e-002
78	-2.483e-002	3.952e-003	-1.494e-002	3.849e-002	2.005e-002	-1.635e-002
79	-6.637e-005	4.969e-003	-4.941e-005	-5.072e-003	2.076e-004	-5.754e-002
80	2.489e-002	3.960e-003	1.539e-002	3.986e-002	-2.024e-002	-1.693e-002
81	7.031e-003	2.870e-003	2.147e-002	-1.797e-002	-4.069e-002	8.028e-002
82	-3.389e-002	1.722e-003	1.238e-002	1.289e-002	-6.114e-002	6.832e-002
83	4.415e-002	8.460e-004	1.664e-002	-5.753e-002	4.774e-002	6.752e-002
84	-4.364e-002	-8.286e-004	1.727e-002	5.724e-002	-5.053e-002	6.737e-002
85	4.361e-002	-8.848e-004	-1.701e-002	5.714e-002	4.913e-002	6.731e-002
86	-3.664e-006	8.538e-003	-8.135e-005	-5.859e-002	4.684e-004	-6.217e-002
87	-4.419e-002	7.858e-004	-1.689e-002	-5.758e-002	-4.916e-002	6.750e-002
88	1.655e-006	-8.753e-003	8.306e-005	5.914e-002	4.470e-004	-6.300e-002
89	4.873e-002	-1.702e-003	2.106e-002	-2.474e-002	1.493e-002	1.092e-001
90	-6.497e-002	-2.067e-003	5.626e-002	7.752e-002	1.002e-002	2.340e-001
91	-9.611e-002	-2.388e-003	4.971e-002	-1.038e-001	5.120e-003	-1.271e-001
92	5.661e-005	-2.662e-003	1.306e-004	-1.823e-002	2.169e-004	-1.375e-001
93	9.611e-002	-2.389e-003	-4.915e-002	-1.034e-001	-5.051e-003	-1.268e-001
94	6.481e-002	-2.068e-003	-5.596e-002	7.616e-002	-1.032e-002	2.341e-001
95	-4.893e-002	-1.705e-003	-2.143e-002	-2.560e-002	-1.559e-002	1.094e-001
96	4.843e-002	1.621e-003	-2.162e-002	2.586e-002	1.668e-002	1.088e-001
97	-6.398e-002	2.004e-003	-5.522e-002	-7.408e-002	1.120e-002	2.310e-001
98	-9.477e-002	2.346e-003	-4.823e-002	1.018e-001	5.715e-003	-1.253e-001
99	5.400e-005	2.641e-003	-1.309e-004	1.614e-002	2.328e-004	-1.357e-001
100	9.476e-002	2.347e-003	4.768e-002	1.014e-001	-5.619e-003	-1.249e-001
101	6.382e-002	2.005e-003	5.492e-002	-7.272e-002	-1.147e-002	2.312e-001
102	-4.863e-002	1.622e-003	2.200e-002	2.672e-002	-1.732e-002	1.090e-001
103	-4.810e-002	-1.970e-003	-2.044e-002	-6.774e-002	2.914e-002	-7.988e-003

Vettori modali 62 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
104	-4.799e-002	1.872e-003	2.128e-002	6.846e-002	2.742e-002	-6.691e-003
105	5.711e-005	1.228e-004	-1.350e-004	-6.643e-002	-1.606e-004	2.378e-002
106	5.795e-005	1.963e-004	1.326e-004	6.467e-002	-1.722e-004	2.383e-002
107	4.777e-002	1.913e-003	-2.088e-002	6.794e-002	-2.707e-002	-6.961e-003
108	4.788e-002	-2.011e-003	2.004e-002	-6.721e-002	-2.880e-002	-8.261e-003
109	-4.450e-002	6.137e-003	-1.221e-002	-5.415e-002	6.203e-002	-1.157e-002
110	3.536e-005	1.117e-002	-8.303e-005	-6.529e-002	-4.022e-004	1.395e-002
111	3.552e-005	-1.080e-002	7.942e-005	6.338e-002	-4.053e-004	1.471e-002
112	-4.449e-002	-6.031e-003	1.330e-002	5.522e-002	6.094e-002	-1.010e-002
113	4.432e-002	-6.008e-003	-1.305e-002	5.499e-002	-5.975e-002	-1.032e-002
114	4.433e-002	6.114e-003	1.195e-002	-5.389e-002	-6.085e-002	-1.180e-002
115	4.234e-002	1.154e-004	-6.016e-004	1.019e-003	-6.944e-002	1.032e-001
116	-1.057e-001	1.328e-004	1.052e-004	1.505e-003	-4.644e-002	3.107e-001
117	-1.381e-001	1.476e-004	4.709e-004	-2.401e-004	-2.343e-002	-2.026e-001
118	2.415e-005	1.593e-004	-1.854e-006	-1.223e-003	-4.240e-004	-1.705e-001
119	1.379e-001	1.477e-004	-4.630e-004	-2.105e-004	2.335e-002	-2.021e-001
120	1.055e-001	1.330e-004	-9.257e-005	1.490e-003	4.712e-002	3.105e-001
121	-4.247e-002	1.157e-004	6.004e-004	9.921e-004	7.090e-002	1.032e-001
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.678e-005	-3.334e-006	9.956e-004	1.103e-002	3.172e-003	-1.041e-007
124	-6.702e-006	2.646e-006	-1.021e-003	-1.034e-002	2.656e-003	-6.880e-009
125	-6.843e-004	-1.012e-004	4.463e-005	-4.621e-003	-1.675e-003	3.614e-007
126	-6.797e-004	2.256e-004	-7.982e-005	-2.341e-002	-1.507e-003	1.051e-007
127	-6.811e-004	-2.830e-004	8.416e-005	2.208e-002	1.528e-003	2.053e-007
128	-5.772e-009	2.082e-010	5.166e-011	1.382e-002	1.207e-003	6.673e-008
129	-1.164e-008	-4.094e-010	-2.334e-011	-4.904e-005	-1.239e-003	-1.047e-007
130	-1.210e-005	1.224e-005	3.787e-005	4.884e-003	8.671e-004	4.204e-008
131	-2.438e-009	-4.592e-010	-2.837e-011	-1.515e-002	-7.147e-004	5.304e-008
132	-4.229e-004	2.448e-005	7.255e-003	1.880e-002	4.126e-002	4.178e-008
133	-3.463e-004	-4.223e-005	-7.235e-003	-1.927e-002	1.356e-002	4.783e-008
134	-6.821e-004	9.602e-005	8.869e-003	-1.235e-002	3.142e-002	1.089e-007
135	-7.309e-004	-1.307e-004	-8.752e-003	1.320e-002	4.779e-002	-7.774e-008
136	-6.849e-004	-1.838e-005	5.409e-007	2.913e-005	1.294e-003	-1.473e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-6.843e-004	-1.012e-004	4.463e-005	-1.961e-003	-2.958e-004	8.272e-008
139	-6.797e-004	2.256e-004	-7.982e-005	-2.639e-002	-1.555e-004	1.060e-008
140	-6.811e-004	-2.830e-004	8.416e-005	2.528e-002	1.142e-004	6.548e-008
141	-6.652e-005	2.980e-004	-9.976e-004	1.391e-002	-4.705e-003	2.110e-007
142	-7.399e-005	-3.202e-004	1.026e-003	-1.347e-002	-4.355e-003	1.853e-007
143	-6.849e-004	-1.837e-005	5.409e-007	1.276e-005	-8.103e-005	-1.574e-008
144	-4.406e-004	2.603e-004	-9.017e-003	-9.347e-003	-3.297e-002	1.268e-007
145	-4.102e-004	-3.026e-004	8.911e-003	1.001e-002	-4.541e-002	1.629e-009
146	-2.069e-004	2.946e-004	-7.316e-003	1.615e-002	-3.853e-002	7.308e-008
147	-2.463e-004	-3.260e-004	7.310e-003	-1.642e-002	-1.988e-002	2.511e-008
148	-4.798e-009	2.975e-004	-2.052e-012	1.106e-002	1.393e-003	-6.262e-008
149	-4.511e-009	-2.186e-005	1.972e-011	-4.620e-006	-1.425e-003	4.482e-008
150	-7.436e-006	-1.016e-004	-3.740e-005	9.911e-006	1.750e-003	-8.608e-010
151	-3.483e-009	-3.209e-004	3.103e-011	-1.219e-002	-1.963e-003	-4.213e-008

Vettori modali 63 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.772e-005	-4.653e-004	-8.866e-005	5.833e-003	3.788e-003	1.951e-007
2	4.250e-005	-5.016e-004	-2.899e-004	3.121e-003	-4.536e-003	-4.025e-008
3	-2.924e-005	-4.981e-004	-2.399e-004	-6.186e-003	-5.152e-003	3.244e-007
4	1.372e-005	-4.975e-004	-1.742e-004	-3.451e-003	1.384e-003	-9.540e-008
5	-1.370e-004	-3.009e-005	4.042e-005	2.498e-004	-1.438e-001	1.666e-003

Vettori modali 63 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
6	1.349e-004	-3.063e-005	6.381e-005	5.561e-004	1.431e-001	-1.718e-003
7	-1.592e-005	-5.929e-005	1.187e-004	-2.731e-003	-1.905e-003	-4.112e-008
8	6.244e-006	-1.354e-004	1.389e-004	-1.564e-002	1.075e-002	1.774e-007
9	-6.885e-005	-1.603e-004	2.914e-004	2.516e-003	5.823e-003	-9.960e-008
10	3.848e-005	-2.321e-004	5.746e-005	1.573e-002	-6.867e-003	3.344e-008
11	-2.367e-006	-4.110e-004	-2.014e-005	2.220e-003	-2.757e-004	-3.129e-004
12	-2.654e-005	-4.723e-004	2.105e-004	6.555e-003	4.720e-004	-3.028e-004
13	8.628e-006	-4.828e-004	1.710e-004	6.044e-003	-4.331e-004	2.174e-004
14	1.300e-004	-5.710e-004	-2.558e-005	4.396e-005	1.444e-001	1.555e-003
15	-1.353e-004	-5.763e-004	-3.592e-005	1.935e-004	-1.438e-001	-1.658e-003
16	0.000e+000	0.000e+000	0.000e+000	6.328e-004	-8.742e-004	1.570e-003
17	0.000e+000	0.000e+000	0.000e+000	-4.640e-004	-4.567e-006	-2.481e-004
18	1.142e-005	-2.780e-006	4.656e-005	-3.235e-006	-2.946e-004	3.151e-004
19	0.000e+000	0.000e+000	0.000e+000	9.183e-004	8.786e-004	-1.448e-003
20	-9.989e-005	-1.637e-004	-6.637e-004	-2.644e-003	-1.011e-001	-6.365e-004
21	-4.649e-006	-1.405e-004	-2.005e-004	-2.727e-004	7.275e-004	6.864e-005
22	1.563e-004	-1.663e-004	-4.946e-004	-2.360e-003	1.007e-001	6.449e-004
23	-3.915e-005	-3.156e-004	-1.491e-003	3.337e-004	-5.032e-002	1.248e-004
24	-2.784e-006	-2.674e-004	-2.160e-004	2.189e-004	6.318e-004	-9.737e-006
25	-4.909e-006	-3.187e-004	-1.303e-003	7.757e-005	5.012e-002	5.887e-006
26	-8.888e-006	-3.641e-004	-5.067e-005	3.088e-004	3.696e-005	-4.250e-006
27	-4.140e-005	-5.048e-004	1.914e-003	1.540e-004	5.114e-002	1.628e-004
28	-4.720e-006	-4.303e-004	2.855e-005	2.484e-005	-1.391e-003	-1.185e-005
29	4.169e-005	-5.114e-004	1.677e-003	2.426e-005	-5.091e-002	-8.271e-005
30	3.977e-005	-5.415e-004	8.699e-004	-3.215e-003	1.018e-001	-7.461e-004
31	-3.684e-006	-4.528e-004	1.237e-005	-5.756e-005	1.477e-003	2.041e-005
32	-9.496e-005	-5.480e-004	7.216e-004	-2.837e-003	-1.014e-001	7.349e-004
33	0.000e+000	-5.713e-004	0.000e+000	4.576e-004	8.762e-004	1.523e-003
34	0.000e+000	-4.411e-004	0.000e+000	-7.818e-006	7.458e-006	-9.811e-005
35	-7.742e-006	-4.276e-004	-4.729e-005	1.870e-004	2.969e-004	1.855e-004
36	0.000e+000	-5.790e-004	0.000e+000	5.766e-004	-8.847e-004	-1.542e-003
37	-5.139e-002	-3.093e-003	8.764e-004	5.684e-003	-9.030e-003	3.161e-002
38	5.116e-002	-3.072e-003	8.481e-004	5.450e-003	8.994e-003	-3.138e-002
39	-1.538e-004	-2.112e-002	1.743e-004	3.731e-002	-5.324e-004	-2.503e-002
40	1.369e-004	-2.131e-002	1.452e-004	3.800e-002	5.335e-004	2.486e-002
41	5.159e-002	-4.222e-003	-9.561e-004	6.483e-003	9.075e-003	3.169e-002
42	-5.138e-002	-3.754e-003	-8.862e-004	5.415e-003	-9.024e-003	-3.179e-002
43	-4.650e-003	-2.235e-003	1.693e-003	-9.539e-003	1.524e-001	6.155e-002
44	4.633e-003	-2.142e-003	1.613e-003	-9.484e-003	-1.517e-001	-6.105e-002
45	-2.514e-004	-1.841e-002	1.342e-004	-4.641e-002	2.868e-004	-4.976e-002
46	2.533e-004	-1.874e-002	1.162e-004	-4.669e-002	-2.090e-004	4.949e-002
47	4.670e-003	-2.898e-003	-1.865e-003	-1.179e-002	-1.530e-001	6.183e-002
48	-4.642e-003	-2.383e-003	-1.717e-003	-1.084e-002	1.524e-001	-6.191e-002
49	4.797e-002	4.731e-003	2.507e-003	-1.286e-002	-1.017e-002	9.296e-002
50	-4.773e-002	4.664e-003	2.376e-003	-1.237e-002	1.018e-002	-9.216e-002
51	-3.507e-003	4.673e-003	-6.306e-003	-1.406e-002	-6.634e-003	1.012e-001
52	3.340e-003	4.606e-003	-6.075e-003	-1.343e-002	6.707e-003	-1.006e-001
53	-2.867e-002	4.517e-003	-6.313e-003	1.318e-002	-3.102e-003	-1.199e-002
54	2.846e-002	4.451e-003	-6.046e-003	1.270e-002	3.231e-003	1.155e-002
55	3.615e-005	4.267e-003	8.881e-005	1.851e-003	4.308e-004	-7.570e-002
56	3.209e-005	4.203e-003	8.286e-005	1.648e-003	-2.448e-004	7.534e-002
57	2.883e-002	4.497e-003	4.452e-003	8.365e-003	3.685e-003	-1.209e-002
58	-2.874e-002	4.444e-003	4.781e-003	9.283e-003	-3.517e-003	1.235e-002
59	3.576e-003	4.633e-003	3.957e-003	-1.080e-002	6.939e-003	1.016e-001
60	-3.666e-003	4.592e-003	4.434e-003	-1.121e-002	-6.788e-003	-1.013e-001

Vettori modali 63 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
61	-4.815e-002	4.673e-003	-2.773e-003	-1.098e-002	1.019e-002	9.344e-002
62	4.799e-002	4.644e-003	-2.546e-003	-1.089e-002	-1.006e-002	-9.351e-002
63	5.698e-003	2.884e-003	3.109e-003	1.611e-002	1.641e-001	5.438e-003
64	6.056e-005	-7.278e-003	7.988e-005	2.826e-002	2.005e-004	-2.226e-002
65	-5.581e-003	2.707e-003	-3.303e-003	1.562e-002	-1.647e-001	4.724e-003
66	-5.719e-003	2.962e-003	3.287e-003	1.641e-002	-1.651e-001	-5.529e-003
67	7.616e-005	-7.298e-003	8.828e-005	2.841e-002	-2.142e-004	2.272e-002
68	5.715e-003	2.640e-003	-3.586e-003	1.588e-002	1.657e-001	-5.538e-003
69	5.870e-002	-8.162e-003	-4.161e-002	-7.887e-002	-3.186e-003	-4.697e-002
70	2.206e-002	-6.430e-003	-4.139e-002	7.809e-002	-6.320e-003	1.736e-001
71	6.030e-002	-4.540e-003	3.810e-003	4.195e-003	9.180e-003	1.080e-001
72	-2.213e-002	-6.414e-003	4.049e-002	7.713e-002	6.102e-003	1.731e-001
73	-5.853e-002	-8.154e-003	4.100e-002	-7.698e-002	3.025e-003	-4.731e-002
74	1.132e-004	-9.724e-003	7.500e-005	-2.537e-002	-5.237e-005	-1.249e-001
75	-6.049e-002	-4.562e-003	-4.026e-003	4.758e-003	-9.454e-003	1.080e-001
76	-6.093e-002	-4.567e-003	4.035e-003	4.019e-003	-1.057e-002	-1.091e-001
77	2.243e-002	-6.465e-003	4.093e-002	7.751e-002	-7.095e-003	-1.751e-001
78	5.925e-002	-8.228e-003	4.131e-002	-7.779e-002	-3.625e-003	4.788e-002
79	-6.324e-005	-9.819e-003	8.577e-005	-2.518e-002	-1.544e-004	1.262e-001
80	-5.951e-002	-8.239e-003	-4.185e-002	-7.960e-002	3.475e-003	4.805e-002
81	-2.256e-002	-6.486e-003	-4.178e-002	7.824e-002	7.104e-003	-1.758e-001
82	6.116e-002	-4.598e-003	-4.362e-003	4.239e-003	1.073e-002	-1.096e-001
83	5.217e-002	-2.787e-003	3.716e-004	-5.591e-002	-9.824e-002	3.846e-002
84	5.324e-002	-2.870e-003	-9.644e-004	-5.725e-002	-9.743e-002	-3.940e-002
85	-5.301e-002	-2.811e-003	6.372e-004	-5.706e-002	9.720e-002	-3.921e-002
86	-7.190e-005	-9.161e-003	9.378e-005	5.228e-002	2.187e-005	6.249e-002
87	-5.237e-002	-2.853e-003	-5.892e-004	-5.589e-002	9.846e-002	3.833e-002
88	9.125e-005	-9.057e-003	7.015e-005	5.098e-002	-1.634e-004	-6.174e-002
89	3.172e-002	-3.047e-003	-1.520e-002	2.477e-002	-1.639e-001	5.103e-002
90	-5.079e-002	-2.132e-003	5.029e-002	1.468e-001	-1.093e-001	1.837e-001
91	-7.684e-002	-1.173e-003	6.626e-002	-9.552e-002	-5.478e-002	-9.767e-002
92	5.960e-005	-1.892e-004	5.084e-005	-8.314e-002	-2.301e-004	-1.153e-001
93	7.675e-002	-1.177e-003	-6.593e-002	-9.512e-002	5.466e-002	-9.708e-002
94	5.054e-002	-2.141e-003	-5.006e-002	1.460e-001	1.096e-001	1.836e-001
95	-3.186e-002	-3.060e-003	1.503e-002	2.427e-002	1.644e-001	5.090e-002
96	-3.268e-002	-3.073e-003	-1.484e-002	2.423e-002	1.634e-001	-5.304e-002
97	5.204e-002	-2.163e-003	5.131e-002	1.482e-001	1.090e-001	-1.883e-001
98	7.870e-002	-1.207e-003	6.718e-002	-9.737e-002	5.458e-002	1.001e-001
99	-5.550e-005	-2.258e-004	8.614e-005	-8.339e-002	1.719e-004	1.179e-001
100	-7.858e-002	-1.210e-003	-6.684e-002	-9.717e-002	-5.456e-002	9.950e-002
101	-5.176e-002	-2.168e-003	-5.115e-002	1.474e-001	-1.093e-001	-1.882e-001
102	3.284e-002	-3.081e-003	1.456e-002	2.364e-002	-1.640e-001	-5.298e-002
103	-1.176e-002	-4.226e-003	4.176e-002	2.248e-002	1.760e-001	-5.267e-002
104	1.273e-002	-4.246e-003	4.130e-002	2.112e-002	-1.766e-001	5.275e-002
105	-2.437e-005	1.668e-002	4.700e-005	-7.886e-002	3.221e-004	-1.935e-003
106	2.667e-005	1.667e-002	1.006e-005	-8.010e-002	-2.881e-004	1.526e-003
107	-1.266e-002	-4.288e-003	-4.146e-002	2.152e-002	1.758e-001	5.287e-002
108	1.170e-002	-4.257e-003	-4.183e-002	2.278e-002	-1.754e-001	-5.278e-002
109	-9.998e-004	4.987e-003	6.808e-002	6.218e-002	1.128e-001	-7.139e-002
110	-6.874e-007	1.797e-002	-7.276e-006	-1.065e-001	2.719e-004	-4.516e-002
111	8.008e-006	1.816e-002	-3.087e-005	-1.077e-001	-1.616e-004	4.486e-002
112	1.892e-003	5.110e-003	6.780e-002	6.112e-002	-1.142e-001	7.153e-002
113	-1.885e-003	5.073e-003	-6.783e-002	6.136e-002	1.136e-001	7.170e-002
114	9.852e-004	4.964e-003	-6.806e-002	6.236e-002	-1.125e-001	-7.152e-002
115	-4.319e-004	1.074e-002	-7.901e-002	1.321e-001	6.653e-004	-9.185e-004

Vettori modali 63 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
116	8.894e-004	1.265e-002	1.503e-002	2.012e-001	4.648e-004	-2.807e-003
117	1.213e-003	1.429e-002	6.334e-002	-3.450e-002	2.643e-004	1.725e-003
118	4.990e-006	1.564e-002	-4.051e-005	-1.587e-001	6.377e-005	1.514e-003
119	-1.256e-003	1.430e-002	-6.337e-002	-3.431e-002	-2.243e-004	1.855e-003
120	-9.502e-004	1.266e-002	-1.497e-002	2.013e-001	-5.123e-004	-2.881e-003
121	4.241e-004	1.076e-002	7.906e-002	1.320e-001	-8.003e-004	-9.790e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.370e-004	-3.009e-005	4.042e-005	1.296e-003	1.240e-003	-5.865e-007
124	1.349e-004	-3.063e-005	6.381e-005	4.093e-003	-5.548e-003	5.453e-007
125	-2.365e-006	-4.110e-004	-2.014e-005	-1.464e-002	-1.395e-003	1.979e-007
126	-2.655e-005	-4.723e-004	2.105e-004	5.379e-003	-3.997e-004	-2.025e-007
127	8.631e-006	-4.828e-004	1.710e-004	2.326e-003	5.871e-004	2.015e-007
128	-8.921e-009	-1.115e-008	-7.522e-010	1.999e-005	-5.283e-003	5.489e-008
129	-5.475e-009	-1.220e-008	-5.720e-011	-4.870e-004	5.243e-003	2.311e-008
130	1.142e-005	-2.785e-006	4.656e-005	1.705e-002	-5.645e-003	2.385e-008
131	6.544e-009	-7.871e-009	-5.209e-010	-2.215e-003	5.930e-003	4.667e-008
132	-9.988e-005	-1.637e-004	-6.637e-004	-4.686e-003	-1.157e-002	-6.451e-008
133	1.563e-004	-1.663e-004	-4.946e-004	-6.753e-003	-2.026e-002	4.106e-008
134	-3.915e-005	-3.156e-004	-1.491e-003	1.405e-003	-4.278e-003	1.506e-007
135	-4.910e-006	-3.187e-004	-1.303e-003	3.536e-003	1.918e-002	-6.362e-008
136	-8.890e-006	-3.641e-004	-5.067e-005	4.367e-004	1.140e-003	-2.468e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-2.369e-006	-4.110e-004	-2.014e-005	-5.401e-003	2.140e-004	9.286e-008
139	-2.654e-005	-4.723e-004	2.105e-004	6.020e-003	1.235e-003	6.453e-008
140	8.626e-006	-4.828e-004	1.710e-004	4.085e-003	-1.038e-003	-5.426e-008
141	1.300e-004	-5.710e-004	-2.558e-005	7.383e-004	-8.222e-005	-2.317e-007
142	-1.353e-004	-5.763e-004	-3.592e-005	2.183e-003	2.565e-003	2.476e-007
143	-8.887e-006	-3.641e-004	-5.067e-005	3.050e-004	-4.852e-004	4.605e-008
144	-4.140e-005	-5.048e-004	1.914e-003	7.886e-004	6.779e-003	-2.011e-007
145	4.169e-005	-5.114e-004	1.677e-003	1.935e-003	-1.534e-002	2.400e-008
146	3.976e-005	-5.415e-004	8.699e-004	-4.984e-003	1.146e-002	6.782e-008
147	-9.495e-005	-5.480e-004	7.216e-004	-5.767e-003	7.316e-003	4.660e-008
148	5.791e-009	-5.713e-004	-6.355e-011	-1.653e-004	5.422e-003	8.129e-008
149	3.043e-009	-4.411e-004	-5.398e-011	1.539e-005	-5.386e-003	-3.332e-008
150	-7.746e-006	-4.276e-004	-4.729e-005	7.562e-003	5.814e-003	-4.153e-009
151	-4.097e-009	-5.790e-004	3.814e-011	-1.297e-003	-6.083e-003	-2.699e-008

Vettori modali 64 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-9.195e-003	-1.338e-003	-8.004e-004	-4.089e-002	-1.061e-002	-2.649e-006
2	-5.637e-003	2.188e-003	1.568e-004	1.627e-002	-2.343e-002	-1.249e-006
3	-3.101e-003	-1.314e-003	1.527e-006	4.244e-002	2.052e-002	-5.355e-007
4	-2.301e-003	1.737e-003	-3.082e-005	-2.139e-002	1.054e-002	7.164e-007
5	-5.492e-004	-2.292e-004	2.224e-003	2.572e-002	1.207e-002	7.962e-003
6	-5.386e-004	2.166e-004	-1.774e-003	-2.053e-002	2.239e-002	7.752e-003
7	-1.958e-003	2.672e-005	-2.840e-004	1.306e-002	1.645e-002	-8.028e-007
8	-2.672e-003	-1.211e-004	5.454e-004	-3.569e-002	2.870e-002	9.923e-007
9	-5.084e-003	4.883e-005	2.053e-005	-1.152e-002	-1.597e-002	1.828e-006
10	-8.700e-003	-3.495e-005	-8.766e-004	3.340e-002	-6.412e-003	5.463e-006
11	-1.149e-002	-3.808e-004	7.269e-003	3.910e-004	-2.821e-002	-2.684e-003
12	-1.135e-002	1.582e-003	-2.330e-002	-1.133e-003	-2.905e-002	-5.660e-004
13	-1.147e-002	-1.296e-003	1.791e-002	1.125e-003	-1.863e-002	-3.632e-004
14	-7.852e-004	5.043e-003	1.868e-003	-2.131e-002	1.461e-002	-1.026e-002
15	-7.629e-004	-4.475e-003	-1.459e-003	1.663e-002	2.382e-002	-9.878e-003
16	0.000e+000	0.000e+000	0.000e+000	2.884e-002	1.237e-004	5.540e-003
17	0.000e+000	0.000e+000	0.000e+000	-2.716e-004	-1.009e-004	2.496e-003

Vettori modali 64 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
18	-2.197e-004	9.067e-005	2.355e-005	-7.843e-003	-7.614e-005	-1.436e-003
19	0.000e+000	0.000e+000	0.000e+000	-2.299e-002	2.045e-004	5.374e-003
20	-5.017e-003	-3.870e-004	8.262e-004	-2.536e-002	-8.982e-005	1.070e-002
21	-4.896e-003	3.581e-005	-1.056e-004	-8.426e-005	-1.955e-003	1.174e-002
22	-4.781e-003	4.228e-004	-1.085e-003	1.872e-002	1.026e-002	1.073e-002
23	-9.235e-003	2.233e-004	-1.554e-002	-2.957e-002	-1.457e-002	6.960e-003
24	-9.447e-003	1.032e-004	-6.627e-005	2.333e-004	1.546e-003	7.226e-003
25	-9.381e-003	-6.132e-005	1.145e-002	2.353e-002	-4.184e-003	7.447e-003
26	-1.149e-002	1.164e-004	4.846e-005	2.415e-005	-3.310e-002	-1.101e-003
27	-9.501e-003	3.151e-003	-1.703e-002	2.710e-002	-1.368e-002	-5.999e-003
28	-9.912e-003	1.282e-004	-4.872e-005	-2.246e-004	3.324e-003	-5.776e-003
29	-9.722e-003	-2.749e-003	1.280e-002	-2.139e-002	-3.681e-003	-6.600e-003
30	-5.505e-003	4.372e-003	-9.135e-004	2.707e-002	1.694e-003	-1.048e-002
31	-5.531e-003	1.757e-004	-9.726e-005	4.110e-005	1.601e-002	-1.153e-002
32	-5.240e-003	-3.874e-003	4.618e-004	-2.027e-002	1.127e-002	-1.064e-002
33	0.000e+000	5.019e-003	0.000e+000	-2.438e-002	1.322e-004	-9.292e-003
34	0.000e+000	1.358e-004	0.000e+000	2.683e-004	-8.676e-005	-7.594e-003
35	-1.177e-004	-1.341e-003	2.097e-005	6.527e-003	-7.181e-005	-5.635e-003
36	0.000e+000	-4.464e-003	0.000e+000	1.904e-002	1.999e-004	-9.051e-003
37	3.887e-003	-7.813e-002	8.931e-003	1.419e-001	1.402e-003	-4.504e-003
38	7.570e-003	5.767e-002	-6.965e-003	-1.036e-001	2.088e-003	-7.139e-004
39	3.480e-004	-4.159e-003	-2.021e-002	1.396e-002	5.365e-002	-6.417e-004
40	-5.565e-003	2.945e-003	1.577e-002	-1.063e-002	3.582e-002	-4.139e-004
41	4.612e-003	7.871e-002	8.643e-003	-1.312e-001	1.916e-003	3.277e-003
42	7.913e-003	-5.837e-002	-6.700e-003	9.453e-002	2.523e-003	-6.188e-004
43	2.383e-004	-7.136e-002	1.543e-002	-1.595e-001	-1.288e-002	-1.697e-002
44	7.464e-004	5.221e-002	-1.199e-002	1.178e-001	-2.290e-002	-9.180e-003
45	1.922e-002	-5.976e-003	-1.665e-002	-8.618e-003	8.383e-004	-7.174e-004
46	1.149e-002	4.509e-003	1.326e-002	6.015e-003	1.534e-002	-4.646e-004
47	3.865e-004	6.842e-002	1.522e-002	1.598e-001	-1.512e-002	1.681e-002
48	8.617e-004	-4.975e-002	-1.179e-002	-1.187e-001	-2.400e-002	8.641e-003
49	-5.366e-003	-5.683e-003	2.187e-002	7.951e-002	-4.603e-003	-3.005e-002
50	-7.403e-003	4.226e-003	-1.697e-002	-6.035e-002	6.440e-004	-1.806e-002
51	5.734e-003	-3.745e-003	1.406e-001	1.947e-001	-2.494e-002	-1.050e-002
52	2.607e-004	2.814e-003	-1.059e-001	-1.446e-001	-1.428e-002	-1.283e-002
53	3.486e-003	-1.726e-003	1.115e-001	-2.902e-001	-4.527e-002	1.596e-002
54	3.555e-003	1.341e-003	-8.316e-002	2.193e-001	-2.921e-002	-6.826e-005
55	-2.554e-003	3.292e-004	-1.251e-002	-4.366e-003	-6.560e-002	-7.969e-004
56	2.410e-003	-1.599e-004	1.030e-002	3.650e-003	-4.414e-002	-5.178e-004
57	4.006e-003	2.459e-003	1.133e-001	2.997e-001	-4.532e-002	-1.603e-002
58	3.866e-003	-1.712e-003	-8.432e-002	-2.266e-001	-2.929e-002	6.813e-005
59	5.756e-003	4.535e-003	1.448e-001	-1.971e-001	-2.503e-002	1.226e-002
60	2.644e-004	-3.228e-003	-1.091e-001	1.461e-001	-1.445e-002	1.384e-002
61	-6.097e-003	6.515e-003	2.173e-002	-9.137e-002	-4.751e-003	3.101e-002
62	-7.777e-003	-4.674e-003	-1.683e-002	7.007e-002	3.959e-004	1.835e-002
63	7.617e-004	1.432e-002	-1.894e-002	1.685e-002	2.319e-002	-2.734e-002
64	-1.939e-002	-1.797e-003	1.125e-002	1.214e-003	-2.419e-002	-8.931e-004
65	6.577e-004	-1.819e-002	-1.882e-002	-1.554e-002	2.431e-002	2.579e-002
66	-2.513e-003	-1.969e-002	2.433e-002	-2.094e-002	1.185e-002	-4.271e-002
67	-2.763e-002	2.018e-003	-1.365e-002	-7.258e-004	-1.387e-002	-7.807e-004
68	-2.560e-003	2.421e-002	2.423e-002	2.070e-002	1.421e-002	4.118e-002
69	4.346e-003	-1.137e-003	-6.852e-003	-5.278e-002	2.126e-002	-4.857e-002
70	1.799e-002	-1.541e-003	-2.263e-002	-3.900e-003	6.085e-004	3.544e-003
71	4.145e-003	5.242e-004	-2.058e-002	1.040e-002	-2.014e-002	-3.709e-002
72	1.814e-002	1.129e-004	-2.271e-002	8.920e-003	5.390e-004	-2.678e-003

Vettori modali 64 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
73	3.920e-003	-3.008e-004	-4.813e-003	5.387e-002	2.122e-002	4.923e-002
74	-1.231e-002	-7.081e-004	1.199e-002	-4.426e-003	4.191e-002	-1.288e-003
75	4.470e-003	-1.912e-003	-2.050e-002	-1.810e-002	-2.004e-002	3.361e-002
76	-1.406e-003	-9.514e-004	2.638e-002	-1.755e-002	-1.781e-002	-5.602e-002
77	2.229e-002	-4.395e-004	2.773e-002	-1.174e-002	6.482e-003	-1.766e-002
78	9.396e-003	8.189e-005	5.904e-003	-6.524e-002	3.077e-002	5.819e-002
79	-1.153e-002	6.015e-004	-1.454e-002	4.824e-003	5.506e-002	-7.637e-004
80	9.359e-003	1.154e-003	7.874e-003	6.350e-002	3.081e-002	-5.720e-002
81	2.199e-002	1.682e-003	2.737e-002	6.769e-003	6.566e-003	1.716e-002
82	-6.255e-004	2.174e-003	2.631e-002	2.626e-002	-1.768e-002	5.186e-002
83	-1.232e-003	9.998e-004	-2.305e-002	1.080e-002	-3.569e-002	-2.442e-002
84	-5.229e-003	3.549e-004	2.857e-002	2.833e-002	-2.924e-002	2.966e-002
85	-5.892e-003	-1.327e-003	2.859e-002	-1.719e-002	-2.796e-002	-3.414e-002
86	-1.915e-003	-5.624e-004	-1.896e-002	6.406e-003	5.176e-002	-1.501e-003
87	-9.549e-004	-3.054e-004	-2.299e-002	-2.180e-002	-3.620e-002	1.983e-002
88	-3.958e-003	3.947e-004	1.575e-002	-5.947e-003	4.944e-002	-1.897e-003
89	-5.164e-003	1.013e-003	-2.621e-002	1.683e-002	-1.083e-002	-1.017e-002
90	-2.571e-003	1.122e-003	-1.123e-002	4.937e-002	-6.670e-004	-4.308e-003
91	3.656e-005	1.208e-003	1.365e-002	3.834e-002	9.495e-003	-5.565e-003
92	1.647e-003	1.268e-003	2.027e-002	-3.086e-003	1.966e-002	-1.603e-004
93	-9.594e-005	1.350e-003	1.262e-002	-3.672e-002	9.415e-003	6.048e-003
94	-2.765e-003	1.403e-003	-1.075e-002	-4.664e-002	-8.279e-004	3.930e-003
95	-4.957e-003	1.426e-003	-2.619e-002	-2.270e-002	-1.107e-002	9.040e-003
96	-8.201e-003	-1.154e-003	3.058e-002	-2.145e-002	2.432e-003	-1.182e-002
97	-5.660e-003	-1.260e-003	1.282e-002	-5.705e-002	6.588e-003	-6.136e-003
98	-4.115e-004	-1.338e-003	-1.572e-002	-4.375e-002	1.074e-002	-1.300e-002
99	3.422e-003	-1.389e-003	-2.337e-002	2.677e-003	1.490e-002	5.878e-004
100	-1.240e-003	-1.471e-003	-1.523e-002	4.143e-002	1.026e-002	1.407e-002
101	-6.194e-003	-1.522e-003	1.197e-002	5.560e-002	5.613e-003	4.068e-003
102	-7.764e-003	-1.541e-003	3.073e-002	2.744e-002	9.701e-004	1.100e-002
103	-3.721e-003	2.456e-003	-2.453e-002	-1.697e-002	3.335e-002	8.287e-003
104	-4.879e-003	-2.662e-003	2.703e-002	1.920e-002	4.754e-002	1.030e-002
105	2.234e-003	-1.351e-003	-2.178e-002	1.500e-003	-3.425e-002	3.039e-003
106	1.382e-003	1.397e-003	1.982e-002	-2.156e-003	-2.465e-002	2.418e-003
107	-5.176e-003	-5.599e-005	2.671e-002	-1.648e-002	4.837e-002	-3.826e-003
108	-3.934e-003	1.958e-004	-2.456e-002	1.383e-002	3.293e-002	-3.485e-003
109	8.912e-005	1.893e-003	-1.519e-002	-9.447e-003	7.044e-002	9.303e-003
110	-1.503e-003	-7.403e-004	-1.268e-002	4.139e-004	-6.548e-002	4.490e-003
111	-1.654e-003	9.276e-004	1.230e-002	-1.219e-003	-5.793e-002	4.140e-003
112	-1.128e-004	-1.866e-003	1.561e-002	9.393e-003	7.954e-002	1.067e-002
113	-3.759e-004	4.910e-004	1.522e-002	-8.574e-003	7.949e-002	-1.288e-003
114	-1.648e-004	-2.505e-004	-1.535e-002	8.401e-003	6.960e-002	-1.493e-003
115	1.754e-003	1.186e-004	-5.404e-004	1.300e-003	8.339e-002	-4.501e-003
116	6.229e-003	1.220e-004	5.570e-004	2.161e-003	3.365e-002	-5.242e-003
117	3.384e-003	1.227e-004	8.699e-004	-1.005e-003	-1.608e-002	1.514e-002
118	-3.187e-003	1.209e-004	1.944e-004	-4.389e-004	-6.582e-002	4.368e-003
119	9.801e-004	1.160e-004	5.773e-004	9.390e-004	-1.584e-002	-1.534e-002
120	5.903e-003	1.086e-004	5.204e-004	-1.251e-003	3.413e-002	-6.037e-004
121	2.021e-003	9.886e-005	-2.280e-004	-1.040e-003	8.410e-002	1.116e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-5.492e-004	-2.293e-004	2.224e-003	-1.365e-002	-5.350e-003	-3.824e-006
124	-5.386e-004	2.167e-004	-1.774e-003	1.799e-002	-1.029e-002	-2.749e-006
125	-1.149e-002	-3.808e-004	7.269e-003	2.173e-003	-4.341e-002	3.836e-006
126	-1.135e-002	1.582e-003	-2.330e-002	4.203e-002	-4.822e-002	4.508e-007
127	-1.147e-002	-1.295e-003	1.791e-002	-3.970e-002	-2.064e-003	9.731e-007

Vettori modali 64 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
128	-1.191e-007	-1.618e-008	-9.992e-010	6.920e-002	2.796e-002	1.577e-006
129	-1.708e-007	9.425e-010	-1.617e-010	-3.618e-004	-2.861e-002	-1.389e-006
130	-2.198e-004	9.068e-005	2.355e-005	4.806e-002	2.787e-002	4.197e-007
131	-6.792e-008	2.026e-008	1.587e-009	-6.283e-002	-2.844e-002	8.165e-007
132	-5.017e-003	-3.871e-004	8.262e-004	7.479e-003	2.038e-002	-2.945e-007
133	-4.781e-003	4.230e-004	-1.085e-003	-1.513e-002	-4.939e-002	4.141e-007
134	-9.235e-003	2.231e-004	-1.554e-002	-7.284e-002	-4.572e-002	1.624e-006
135	-9.381e-003	-6.120e-005	1.145e-002	6.514e-002	-3.493e-002	-5.958e-007
136	-1.149e-002	1.164e-004	4.846e-005	1.712e-004	-1.833e-002	-2.478e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.149e-002	-3.808e-004	7.269e-003	4.725e-003	-4.480e-002	-1.349e-006
139	-1.135e-002	1.582e-003	-2.330e-002	-3.031e-002	-4.953e-002	-1.112e-006
140	-1.147e-002	-1.296e-003	1.791e-002	3.590e-002	-8.010e-004	-1.636e-006
141	-7.852e-004	5.043e-003	1.868e-003	3.606e-003	2.433e-003	1.138e-006
142	-7.629e-004	-4.475e-003	-1.459e-003	-1.556e-002	-2.229e-003	4.330e-007
143	-1.149e-002	1.165e-004	4.846e-005	-1.571e-004	-1.719e-002	7.938e-009
144	-9.501e-003	3.151e-003	-1.703e-002	5.526e-002	-5.177e-002	1.299e-006
145	-9.722e-003	-2.749e-003	1.280e-002	-5.611e-002	-3.802e-002	1.338e-006
146	-5.505e-003	4.372e-003	-9.135e-004	9.280e-003	1.532e-002	5.069e-008
147	-5.240e-003	-3.875e-003	4.618e-004	6.704e-003	-5.005e-002	-3.039e-007
148	-5.595e-008	5.019e-003	1.856e-009	-4.921e-002	2.639e-002	-7.012e-007
149	-9.849e-008	1.357e-004	-1.495e-010	3.737e-004	-2.675e-002	1.440e-006
150	-1.177e-004	-1.341e-003	2.097e-005	-4.909e-002	2.623e-002	-3.782e-007
151	-2.909e-008	-4.464e-003	-9.336e-010	5.127e-002	-2.642e-002	-5.848e-007

Vettori modali 65 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.665e-002	-3.776e-003	-1.732e-003	-7.161e-002	-5.452e-002	-1.029e-005
2	-1.610e-002	4.190e-003	2.408e-004	3.498e-002	-8.087e-002	-4.567e-006
3	-8.648e-003	-3.776e-003	-9.611e-006	8.007e-002	1.900e-002	-1.856e-006
4	-6.404e-003	3.050e-003	4.265e-004	-5.152e-002	2.431e-002	2.236e-006
5	-1.782e-003	-4.718e-004	3.700e-004	5.146e-003	-6.276e-003	2.608e-002
6	-1.771e-003	4.454e-004	-6.705e-004	-8.522e-003	-1.596e-002	2.559e-002
7	-5.669e-003	-2.690e-005	-1.202e-004	3.312e-002	3.778e-002	-2.434e-006
8	-7.681e-003	-3.517e-004	1.144e-003	-6.742e-002	3.944e-002	2.476e-006
9	-1.491e-002	-1.993e-004	-4.939e-005	-2.478e-002	-6.394e-002	5.100e-006
10	-2.553e-002	-2.897e-004	-1.883e-003	5.768e-002	-4.572e-002	1.550e-005
11	-3.427e-002	-1.374e-003	-1.437e-003	1.103e-003	3.785e-003	-6.034e-003
12	-3.420e-002	2.982e-003	7.134e-003	-3.675e-003	1.042e-002	-1.265e-003
13	-3.425e-002	-3.415e-003	-2.215e-003	3.130e-003	6.358e-004	-7.979e-004
14	-2.281e-003	1.012e-002	-4.817e-004	5.418e-003	-2.777e-003	-3.094e-002
15	-2.276e-003	-1.094e-002	1.718e-004	-1.936e-003	-1.148e-002	-3.039e-002
16	0.000e+000	0.000e+000	0.000e+000	4.364e-003	-4.068e-005	1.795e-002
17	0.000e+000	0.000e+000	0.000e+000	-1.834e-003	4.896e-006	6.555e-003
18	-6.444e-004	4.248e-005	-5.721e-007	-3.993e-003	1.237e-005	-5.011e-003
19	0.000e+000	0.000e+000	0.000e+000	-8.311e-003	-7.296e-005	1.777e-002
20	-1.502e-002	-1.407e-003	4.667e-003	1.185e-002	-1.338e-003	3.112e-002
21	-1.438e-002	-8.325e-005	-7.429e-004	-7.895e-004	6.892e-003	3.479e-002
22	-1.428e-002	1.151e-003	-3.980e-003	-5.585e-003	-1.105e-002	3.113e-002
23	-2.771e-002	-2.227e-004	8.528e-003	1.656e-003	4.541e-003	2.130e-002
24	-2.792e-002	-7.614e-005	-6.633e-004	1.045e-003	3.606e-002	2.179e-002
25	-2.809e-002	-9.808e-005	-4.515e-003	3.262e-003	-5.207e-003	2.238e-002
26	-3.429e-002	-2.533e-004	-1.471e-004	8.999e-005	7.413e-003	-2.472e-003
27	-2.826e-002	6.655e-003	4.420e-003	-7.720e-003	5.773e-003	-1.925e-002
28	-2.894e-002	-3.989e-004	-5.951e-004	-9.969e-004	4.055e-002	-1.858e-002
29	-2.886e-002	-7.217e-003	-8.147e-004	2.544e-003	-3.631e-003	-2.045e-002

Vettori modali 65 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
30	-1.605e-002	9.209e-003	2.353e-004	-6.833e-003	1.126e-003	-3.064e-002
31	-1.579e-002	-3.507e-004	-7.001e-004	6.492e-004	4.674e-002	-3.423e-002
32	-1.533e-002	-9.874e-003	2.144e-004	1.272e-003	-7.898e-003	-3.095e-002
33	0.000e+000	1.010e-002	0.000e+000	6.322e-003	-3.537e-005	-2.589e-002
34	0.000e+000	-4.505e-004	0.000e+000	1.776e-003	3.711e-005	-1.814e-002
35	-4.123e-004	-3.716e-003	-5.886e-006	4.332e-004	1.907e-005	-1.136e-002
36	0.000e+000	-1.095e-002	0.000e+000	-2.253e-003	-7.509e-005	-2.603e-002
37	-3.080e-003	1.356e-002	-1.645e-003	-3.218e-002	5.392e-003	1.285e-001
38	-6.471e-003	3.470e-003	3.248e-005	-1.051e-004	5.028e-003	1.337e-001
39	-2.688e-002	-7.944e-003	5.615e-003	2.741e-002	4.897e-002	-1.253e-003
40	-2.380e-002	7.791e-003	-1.268e-003	-2.805e-002	6.162e-002	-1.010e-003
41	-2.210e-003	-9.613e-003	-2.316e-003	4.685e-002	6.357e-003	-1.315e-001
42	-5.259e-003	-5.319e-003	7.363e-004	-2.141e-002	6.048e-003	-1.365e-001
43	4.707e-003	1.547e-002	-3.622e-003	2.635e-002	2.428e-002	2.310e-001
44	4.628e-003	4.753e-004	7.347e-004	8.760e-003	3.486e-002	2.418e-001
45	1.575e-002	-1.172e-002	3.965e-003	-1.628e-002	9.826e-002	-1.240e-003
46	2.157e-002	1.181e-002	-2.910e-004	1.621e-002	9.328e-002	-1.222e-003
47	4.959e-003	-1.829e-002	-4.095e-003	-1.962e-002	2.150e-002	-2.321e-001
48	4.902e-003	5.191e-003	1.284e-003	-1.080e-002	3.106e-002	-2.425e-001
49	2.527e-002	2.007e-003	-5.603e-003	-8.128e-003	6.424e-002	3.384e-001
50	2.906e-002	-1.019e-003	1.453e-003	-7.947e-003	6.488e-002	3.553e-001
51	-1.069e-001	1.441e-003	-1.779e-002	-1.655e-002	7.360e-002	9.687e-002
52	-1.106e-001	-8.690e-004	-1.209e-002	-2.650e-002	7.230e-002	1.064e-001
53	-4.305e-002	8.443e-004	-1.141e-002	3.755e-002	8.296e-002	-2.929e-001
54	-4.646e-002	-7.004e-004	-1.263e-002	2.472e-002	7.972e-002	-3.022e-001
55	6.282e-002	2.289e-004	2.134e-003	-7.350e-003	9.231e-002	-1.227e-003
56	6.351e-002	-5.164e-004	7.410e-004	8.972e-003	8.714e-002	-1.445e-003
57	-4.231e-002	-2.276e-004	-6.493e-003	-1.718e-002	8.281e-002	2.929e-001
58	-4.554e-002	-4.766e-004	-1.598e-002	-4.365e-002	7.961e-002	3.021e-001
59	-1.069e-001	-6.792e-004	-8.517e-003	8.576e-003	7.330e-002	-9.443e-002
60	-1.106e-001	-4.265e-004	-2.047e-002	3.118e-002	7.207e-002	-1.033e-001
61	2.434e-002	-1.116e-003	-5.858e-003	-1.310e-002	6.379e-002	-3.376e-001
62	2.781e-002	-3.670e-004	1.825e-003	3.180e-002	6.454e-002	-3.538e-001
63	4.880e-002	-4.294e-003	2.322e-003	8.286e-003	-2.146e-002	2.359e-001
64	8.567e-002	-4.230e-003	2.331e-003	2.127e-003	-5.828e-002	-1.825e-003
65	4.867e-002	-4.978e-003	2.620e-003	-6.602e-003	-1.754e-002	-2.391e-001
66	4.792e-002	7.980e-003	-6.901e-003	-4.119e-003	-1.061e-002	2.278e-001
67	8.386e-002	3.725e-003	8.338e-004	-2.911e-003	-6.376e-002	-1.972e-003
68	4.773e-002	4.820e-004	-7.079e-003	1.061e-003	-7.811e-003	-2.312e-001
69	-2.001e-002	-2.333e-003	-6.446e-003	-2.006e-002	-1.057e-001	1.013e-001
70	-3.869e-002	-3.200e-003	-7.823e-003	1.593e-002	-9.363e-002	-4.571e-002
71	1.039e-002	1.188e-003	3.182e-003	-3.699e-002	-8.133e-002	1.104e-001
72	-3.821e-002	3.206e-004	-8.273e-003	-4.575e-003	-9.346e-002	4.615e-002
73	-2.045e-002	-5.538e-004	-1.900e-003	2.308e-002	-1.056e-001	-9.957e-002
74	1.769e-002	-1.416e-003	3.949e-003	-1.029e-002	-1.177e-001	-2.224e-003
75	1.156e-002	-3.996e-003	3.397e-003	1.874e-002	-8.159e-002	-1.186e-001
76	1.405e-002	-6.243e-004	-8.107e-003	3.765e-002	-7.792e-002	1.115e-001
77	-3.644e-002	1.035e-004	1.727e-003	5.518e-003	-9.080e-002	5.344e-002
78	-2.254e-002	8.291e-004	1.560e-004	-7.354e-003	-1.037e-001	-9.340e-002
79	1.451e-002	1.537e-003	-5.518e-004	9.454e-003	-1.166e-001	-2.756e-003
80	-2.173e-002	2.298e-003	4.479e-003	4.919e-003	-1.038e-001	9.505e-002
81	-3.687e-002	3.008e-003	1.496e-003	-1.615e-002	-9.097e-002	-5.183e-002
82	1.480e-002	3.654e-003	-8.200e-003	-2.069e-002	-7.818e-002	-1.193e-001
83	-3.073e-004	2.694e-003	-8.485e-004	-2.754e-002	-4.027e-002	3.262e-002
84	3.786e-003	5.730e-004	-4.005e-003	-5.028e-003	-4.640e-002	-4.325e-002

Vettori modali 65 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
85	3.262e-003	-2.120e-003	-4.011e-003	2.919e-002	-4.437e-002	3.353e-002
86	1.316e-003	-8.607e-004	4.357e-003	1.290e-002	-3.682e-002	-4.286e-003
87	5.634e-004	-7.800e-004	-7.585e-004	2.882e-003	-4.300e-002	-4.207e-002
88	3.971e-003	1.069e-003	-9.551e-004	-1.349e-002	-4.087e-002	-3.717e-003
89	-4.251e-003	1.224e-003	-3.441e-003	4.355e-002	-1.352e-002	-1.070e-002
90	-1.560e-003	1.837e-003	3.965e-002	7.148e-002	-1.223e-002	-3.247e-003
91	-9.686e-005	2.410e-003	3.537e-002	-8.346e-002	-1.095e-002	-2.636e-003
92	5.703e-004	2.930e-003	-2.739e-003	-6.279e-003	-9.662e-003	2.934e-004
93	-6.821e-004	3.515e-003	3.346e-002	8.719e-002	-1.181e-002	3.527e-003
94	-1.972e-003	4.024e-003	4.080e-002	-6.651e-002	-1.396e-002	1.708e-003
95	-3.818e-003	4.445e-003	-3.685e-003	-5.658e-002	-1.612e-002	9.516e-003
96	-1.807e-003	-1.117e-003	-6.090e-004	-3.778e-002	-2.362e-002	-1.081e-002
97	1.381e-003	-1.706e-003	-3.885e-002	-6.022e-002	-1.679e-002	-1.799e-003
98	2.882e-004	-2.257e-003	-3.133e-002	8.393e-002	-9.968e-003	4.731e-003
99	-1.248e-003	-2.760e-003	5.639e-003	6.455e-003	-3.143e-003	-4.584e-004
100	1.985e-004	-3.321e-003	-2.919e-002	-8.739e-002	-1.047e-002	-3.966e-003
101	1.082e-003	-3.811e-003	-3.985e-002	5.476e-002	-1.780e-002	1.554e-003
102	-1.580e-003	-4.217e-003	-3.754e-004	5.098e-002	-2.513e-002	9.019e-003
103	-4.801e-003	6.714e-003	-4.811e-003	-3.267e-002	6.875e-004	2.573e-002
104	-3.852e-003	-6.251e-003	2.327e-003	2.951e-002	-1.065e-002	2.312e-002
105	-1.199e-003	-2.969e-003	5.405e-003	4.054e-003	6.361e-003	5.515e-003
106	-3.972e-004	2.963e-003	-3.756e-003	-3.475e-003	-3.084e-003	6.420e-003
107	-3.991e-003	4.942e-004	1.999e-003	-2.216e-002	-1.084e-002	-1.202e-002
108	-5.015e-003	-8.933e-004	-4.304e-003	2.614e-002	1.592e-003	-1.273e-002
109	-4.272e-003	3.509e-003	-3.320e-003	-1.395e-002	1.476e-002	2.676e-002
110	-4.425e-004	-1.860e-003	3.295e-003	1.932e-003	1.664e-002	9.060e-003
111	-3.004e-004	1.663e-003	-3.101e-003	-1.174e-003	1.004e-002	9.701e-003
112	-4.102e-003	-3.364e-003	2.533e-003	1.232e-002	7.264e-003	2.423e-002
113	-4.298e-003	-1.194e-004	2.377e-003	-9.489e-003	5.655e-003	-6.557e-003
114	-4.477e-003	-3.599e-004	-2.827e-003	1.184e-002	1.382e-002	-7.386e-003
115	-4.126e-003	-2.108e-004	1.694e-004	4.656e-004	1.589e-002	5.841e-003
116	-1.493e-002	-1.915e-004	4.772e-005	-7.523e-004	1.684e-002	1.654e-002
117	-1.077e-002	-1.679e-004	-2.859e-004	-3.420e-004	1.779e-002	-2.987e-002
118	-8.053e-005	-1.407e-004	-2.270e-004	3.790e-004	1.873e-002	8.807e-003
119	-1.493e-002	-1.135e-004	-5.477e-005	3.543e-004	1.843e-002	2.787e-002
120	-1.483e-002	-8.378e-005	6.574e-005	5.943e-005	1.812e-002	-2.680e-002
121	-3.896e-003	-5.225e-005	-3.154e-005	-4.448e-004	1.781e-002	9.410e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.782e-003	-4.721e-004	3.700e-004	-8.367e-002	-4.811e-002	-1.237e-005
124	-1.771e-003	4.457e-004	-6.705e-004	6.776e-002	-3.077e-002	-8.986e-006
125	-3.427e-002	-1.374e-003	-1.437e-003	-4.288e-002	-3.457e-002	1.077e-005
126	-3.420e-002	2.982e-003	7.134e-003	8.511e-002	-2.460e-002	8.743e-007
127	-3.425e-002	-3.414e-003	-2.215e-003	-7.438e-002	3.835e-002	2.974e-006
128	-3.684e-007	-6.059e-008	-4.743e-009	9.361e-002	6.121e-002	4.746e-006
129	-5.127e-007	-2.228e-008	-2.380e-011	-2.143e-003	-6.329e-002	-4.049e-006
130	-6.447e-004	4.251e-005	-5.711e-007	9.127e-002	6.197e-002	1.178e-006
131	-2.134e-007	6.025e-008	5.291e-009	-8.628e-002	-6.418e-002	2.522e-006
132	-1.502e-002	-1.407e-003	4.667e-003	1.056e-001	9.738e-002	-5.189e-007
133	-1.428e-002	1.151e-003	-3.980e-003	-8.487e-002	-1.003e-001	7.457e-007
134	-2.770e-002	-2.231e-004	8.528e-003	-8.996e-002	-9.731e-003	4.319e-006
135	-2.809e-002	-9.776e-005	-4.515e-003	8.243e-002	9.616e-002	-1.736e-006
136	-3.429e-002	-2.533e-004	-1.471e-004	8.331e-004	4.587e-002	-6.716e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.427e-002	-1.374e-003	-1.437e-003	5.553e-002	-3.756e-002	-5.589e-006
139	-3.420e-002	2.982e-003	7.134e-003	-6.082e-002	-2.741e-002	-2.358e-006

Vettori modali 65 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
140	-3.425e-002	-3.415e-003	-2.215e-003	6.825e-002	4.105e-002	-4.747e-006
141	-2.281e-003	1.012e-002	-4.817e-004	6.139e-002	-3.072e-002	7.290e-006
142	-2.276e-003	-1.094e-002	1.718e-004	-6.504e-002	-1.315e-002	4.219e-006
143	-3.429e-002	-2.532e-004	-1.471e-004	-7.128e-004	4.831e-002	1.356e-006
144	-2.826e-002	6.655e-003	4.420e-003	4.946e-002	-2.606e-002	2.074e-006
145	-2.886e-002	-7.217e-003	-8.147e-004	-6.189e-002	8.406e-002	3.932e-006
146	-1.605e-002	9.209e-003	2.353e-004	-6.599e-002	8.309e-002	-8.417e-009
147	-1.533e-002	-9.874e-003	2.144e-004	6.589e-002	-1.014e-001	-4.510e-007
148	-2.307e-007	1.010e-002	1.704e-009	-4.764e-002	5.742e-002	-2.386e-006
149	-3.530e-007	-4.506e-004	2.158e-010	2.165e-003	-5.885e-002	4.452e-006
150	-4.125e-004	-3.716e-003	-5.886e-006	-9.127e-002	5.804e-002	-1.320e-006
151	-1.257e-007	-1.095e-002	-2.732e-010	5.973e-002	-5.938e-002	-1.824e-006

Vettori modali 66 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.002e-003	1.218e-003	-2.180e-004	1.824e-002	5.029e-002	-3.228e-006
2	-9.953e-004	1.806e-003	-3.691e-004	-4.464e-003	-6.730e-002	-2.026e-006
3	-5.944e-004	1.278e-003	-1.995e-004	-2.534e-002	3.019e-002	-1.278e-006
4	-3.927e-004	1.756e-003	1.998e-004	-2.362e-002	-3.280e-002	6.348e-007
5	-2.363e-004	-4.254e-005	1.273e-003	1.475e-002	-4.569e-002	3.445e-003
6	-2.017e-005	1.169e-005	1.501e-003	1.700e-002	3.682e-002	4.248e-004
7	-2.951e-004	1.330e-004	1.655e-004	2.177e-002	-3.250e-002	-4.842e-007
8	-5.841e-004	3.282e-004	-7.056e-005	3.189e-002	2.694e-002	7.242e-007
9	-8.527e-004	3.370e-004	-4.543e-004	5.631e-003	-6.645e-002	1.742e-006
10	-1.987e-003	5.538e-004	-2.472e-004	-2.531e-002	5.315e-002	2.422e-006
11	-2.489e-003	9.626e-004	-1.005e-003	2.691e-005	3.450e-002	-1.517e-004
12	-2.207e-003	1.225e-003	-1.531e-002	-2.549e-004	-4.067e-002	-7.392e-005
13	-2.611e-003	8.797e-004	-2.278e-002	2.491e-004	4.958e-002	-7.103e-005
14	-3.209e-004	2.682e-003	1.083e-003	-1.237e-002	-4.380e-002	-4.272e-003
15	-2.422e-005	1.522e-003	1.420e-003	-1.598e-002	3.540e-002	-4.232e-004
16	0.000e+000	0.000e+000	0.000e+000	1.650e-002	-2.909e-004	2.393e-003
17	0.000e+000	0.000e+000	0.000e+000	2.158e-002	2.483e-005	7.239e-004
18	-4.878e-005	1.468e-004	7.795e-006	2.094e-002	-6.813e-005	2.211e-004
19	0.000e+000	0.000e+000	0.000e+000	1.965e-002	2.088e-004	5.640e-005
20	-1.104e-003	1.912e-004	-2.957e-004	-1.739e-002	-4.421e-002	1.187e-003
21	-1.023e-003	3.520e-004	8.814e-003	9.707e-003	2.098e-003	2.413e-003
22	-1.027e-003	3.969e-004	-1.927e-003	-2.617e-002	4.059e-002	2.986e-003
23	-1.654e-003	6.296e-004	-1.086e-002	-1.811e-002	-4.244e-002	1.376e-003
24	-1.982e-003	6.746e-004	8.555e-003	-9.868e-003	1.024e-002	1.514e-003
25	-2.139e-003	6.935e-004	-1.694e-002	-2.479e-002	4.509e-002	1.647e-003
26	-2.421e-003	9.863e-004	3.988e-003	-8.419e-005	5.884e-003	-8.091e-005
27	-1.745e-003	1.848e-003	-1.148e-002	1.681e-002	-4.177e-002	-1.109e-003
28	-2.050e-003	1.224e-003	8.488e-003	9.800e-003	1.047e-002	-1.327e-003
29	-2.130e-003	1.040e-003	-1.701e-002	2.428e-002	4.459e-002	-1.666e-003
30	-1.274e-003	2.347e-003	-1.148e-003	1.800e-002	-4.287e-002	-1.081e-003
31	-1.099e-003	1.358e-003	8.758e-003	-9.608e-003	5.210e-003	-2.542e-003
32	-9.976e-004	1.246e-003	-2.199e-003	2.611e-002	3.959e-002	-2.945e-003
33	0.000e+000	2.665e-003	0.000e+000	-1.411e-002	-2.818e-004	-3.727e-003
34	0.000e+000	1.366e-003	0.000e+000	-2.146e-002	2.981e-005	-8.033e-004
35	-5.030e-005	1.373e-003	6.255e-006	-2.052e-002	-6.259e-005	4.692e-004
36	0.000e+000	1.508e-003	0.000e+000	-1.863e-002	1.953e-004	-1.776e-004
37	-1.599e-002	-5.452e-002	5.204e-003	9.992e-002	1.538e-004	7.420e-002
38	1.276e-002	-7.022e-002	7.423e-003	1.302e-001	5.351e-004	-4.399e-002
39	7.007e-004	-3.066e-003	-1.420e-002	9.993e-003	3.665e-002	-2.002e-004
40	-5.542e-003	-2.069e-003	-2.101e-002	6.622e-003	-3.614e-002	5.350e-005
41	-1.538e-002	5.353e-002	5.045e-003	-9.149e-002	3.709e-004	-7.441e-002

Vettori modali 66 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
42	1.226e-002	6.867e-002	7.350e-003	-1.232e-001	4.816e-004	4.368e-002
43	1.648e-003	-4.942e-002	9.011e-003	-1.134e-001	5.657e-002	1.449e-001
44	-7.319e-004	-6.431e-002	1.317e-002	-1.456e-001	-4.330e-002	-8.841e-002
45	1.900e-002	-4.180e-003	-1.276e-002	-6.757e-003	2.337e-002	-3.264e-004
46	-1.892e-002	-2.735e-003	-1.874e-002	-4.699e-003	-4.505e-003	1.780e-004
47	1.714e-003	4.664e-002	8.887e-003	1.103e-001	5.472e-002	-1.445e-001
48	-7.568e-004	6.172e-002	1.311e-002	1.415e-001	-4.179e-002	8.779e-002
49	2.746e-002	-3.412e-003	1.277e-002	5.961e-002	3.090e-002	2.192e-001
50	-1.914e-002	-4.760e-003	1.886e-002	7.590e-002	-1.647e-002	-1.350e-001
51	-6.160e-002	-2.133e-003	1.021e-001	1.475e-001	3.768e-002	8.140e-002
52	3.668e-002	-3.058e-003	1.318e-001	1.835e-001	-1.648e-002	-5.460e-002
53	-3.220e-002	-8.079e-004	8.134e-002	-2.152e-001	4.447e-002	-1.666e-001
54	2.113e-002	-1.289e-003	1.026e-001	-2.793e-001	-1.649e-002	9.820e-002
55	3.077e-002	5.355e-004	-1.091e-002	-3.084e-003	5.125e-002	-4.588e-004
56	-1.674e-002	5.087e-004	-1.588e-002	-2.287e-003	-1.650e-002	3.087e-004
57	-3.186e-002	1.933e-003	8.217e-002	2.209e-001	4.451e-002	1.665e-001
58	2.088e-002	2.340e-003	1.027e-001	2.825e-001	-1.656e-002	-9.809e-002
59	-6.158e-002	3.288e-003	1.046e-001	-1.485e-001	3.778e-002	-8.018e-002
60	3.665e-002	4.119e-003	1.332e-001	-1.833e-001	-1.663e-002	5.368e-002
61	2.688e-002	4.571e-003	1.269e-002	-6.730e-002	3.104e-002	-2.181e-001
62	-1.868e-002	5.808e-003	1.881e-002	-8.119e-002	-1.670e-002	1.340e-001
63	-1.329e-002	-1.616e-002	2.084e-002	-2.209e-002	4.254e-002	-8.262e-002
64	-3.012e-002	6.739e-004	-1.771e-002	1.535e-003	-7.281e-003	-3.317e-004
65	-1.341e-002	1.767e-002	2.079e-002	2.530e-002	4.089e-002	8.225e-002
66	2.404e-002	-1.176e-002	1.377e-002	-1.771e-002	-5.292e-002	1.411e-001
67	5.527e-002	1.079e-003	-1.281e-002	1.228e-003	-1.579e-003	1.192e-004
68	2.413e-002	1.421e-002	1.370e-002	2.064e-002	-5.092e-002	-1.411e-001
69	-1.365e-003	5.601e-004	8.874e-003	8.241e-002	3.283e-002	-5.288e-002
70	1.800e-002	1.440e-003	3.327e-002	1.976e-003	3.146e-002	-1.227e-002
71	1.096e-002	-2.887e-003	2.244e-002	6.740e-003	3.004e-002	-2.755e-002
72	1.789e-002	-2.075e-003	3.358e-002	-2.776e-003	3.142e-002	1.433e-002
73	-2.054e-003	-1.217e-003	8.613e-003	-8.328e-002	3.281e-002	5.269e-002
74	-1.746e-002	-3.317e-004	-1.923e-002	1.126e-003	3.419e-002	-1.005e-003
75	1.033e-002	2.287e-003	2.240e-002	-4.600e-003	3.009e-002	2.781e-002
76	-9.302e-003	-3.079e-003	1.450e-002	1.331e-002	-4.174e-002	5.913e-002
77	-3.030e-002	-2.150e-003	2.415e-002	-2.253e-003	-5.273e-002	-2.231e-003
78	-3.780e-003	-1.174e-003	5.513e-003	-6.124e-002	-6.373e-002	-8.521e-002
79	2.371e-002	-1.720e-004	-1.451e-002	2.171e-003	-7.472e-002	7.269e-004
80	-4.397e-003	8.430e-004	6.255e-003	6.011e-002	-6.374e-002	8.558e-002
81	-3.046e-002	1.839e-003	2.381e-002	2.637e-004	-5.276e-002	3.008e-004
82	-8.586e-003	2.795e-003	1.444e-002	-9.300e-003	-4.178e-002	-6.024e-002
83	1.298e-002	-2.530e-003	2.348e-002	1.238e-005	-5.802e-003	-1.031e-002
84	-1.149e-002	1.706e-003	1.567e-002	-4.367e-003	6.077e-003	-2.021e-002
85	-1.208e-002	-2.617e-003	1.568e-002	6.995e-003	7.396e-003	2.043e-002
86	1.278e-002	-5.085e-004	-1.073e-002	1.901e-003	-4.702e-002	7.276e-004
87	1.246e-002	1.799e-003	2.349e-002	1.326e-005	-4.704e-003	9.056e-003
88	-1.219e-002	-4.085e-004	-1.780e-002	4.948e-004	2.377e-002	-1.168e-003
89	9.615e-003	3.207e-004	2.110e-002	-3.130e-002	-3.620e-002	-5.185e-003
90	1.625e-002	1.373e-004	-8.774e-003	-6.817e-002	-1.484e-002	-1.491e-003
91	5.131e-003	-4.915e-005	-2.584e-002	6.476e-003	6.528e-003	3.957e-002
92	-8.241e-003	-2.345e-004	-1.558e-002	-8.535e-004	2.789e-002	-1.543e-003
93	6.144e-003	-4.325e-004	-2.655e-002	-6.960e-003	7.081e-003	-3.982e-002
94	1.650e-002	-6.210e-004	-9.078e-003	6.989e-002	-1.373e-002	4.053e-003
95	9.314e-003	-7.958e-004	2.127e-002	3.050e-002	-3.454e-002	3.521e-003
96	-8.551e-003	5.402e-004	1.300e-002	-3.943e-002	3.478e-002	3.429e-003

Vettori modali 66 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
97	-1.522e-002	1.827e-004	-2.365e-002	-6.947e-002	1.215e-002	3.859e-003
98	-5.843e-003	-1.788e-004	-3.015e-002	4.386e-002	-1.048e-002	-3.603e-002
99	6.664e-003	-5.364e-004	-6.955e-003	-1.675e-004	-3.312e-002	1.532e-003
100	-6.893e-003	-9.133e-004	-3.064e-002	-4.473e-002	-1.111e-002	3.637e-002
101	-1.551e-002	-1.270e-003	-2.407e-002	7.062e-002	1.091e-002	-6.519e-003
102	-8.212e-003	-1.599e-003	1.318e-002	4.002e-002	3.292e-002	-1.939e-003
103	3.898e-003	-2.896e-003	1.468e-002	1.912e-002	-5.068e-002	-1.089e-002
104	-3.657e-003	-4.065e-003	7.676e-003	2.451e-002	3.797e-002	1.534e-002
105	2.500e-003	-1.503e-004	-1.879e-003	-1.170e-003	-3.230e-002	2.322e-003
106	-3.753e-003	1.654e-004	-1.003e-002	-1.576e-003	4.361e-002	-1.687e-003
107	-3.784e-003	3.601e-003	7.209e-003	-2.587e-002	3.972e-002	-1.031e-002
108	4.002e-003	3.048e-003	1.425e-002	-2.121e-002	-5.238e-002	7.141e-003
109	1.918e-004	-1.784e-003	6.526e-003	1.305e-002	-3.990e-002	-1.243e-002
110	5.674e-004	3.464e-004	2.165e-003	-1.610e-003	-1.273e-002	1.962e-003
111	-5.294e-004	5.341e-004	-2.771e-003	-1.778e-003	3.675e-002	-9.616e-004
112	-1.193e-003	-2.384e-003	2.476e-003	1.528e-002	1.961e-002	1.702e-002
113	-1.218e-003	2.954e-003	1.761e-003	-1.680e-002	2.060e-002	-1.218e-002
114	1.920e-004	2.707e-003	5.841e-003	-1.484e-002	-4.101e-002	9.562e-003
115	-7.897e-004	1.913e-003	8.161e-004	-1.178e-002	-1.097e-002	9.152e-005
116	-1.804e-003	1.516e-003	-2.575e-003	-5.975e-004	-2.910e-003	1.416e-003
117	-1.090e-003	1.086e-003	-1.707e-004	7.913e-003	5.149e-003	-3.852e-003
118	3.292e-004	6.317e-004	2.073e-003	-1.595e-003	1.321e-002	4.688e-004
119	-1.310e-003	1.790e-004	-1.098e-003	-7.859e-003	5.179e-003	3.740e-003
120	-1.796e-003	-2.777e-004	-2.603e-003	3.396e-003	-2.850e-003	-1.962e-003
121	-7.758e-004	-7.283e-004	1.617e-003	1.148e-002	-1.088e-002	7.230e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.363e-004	-4.256e-005	1.273e-003	3.820e-003	4.390e-002	-2.886e-007
124	-2.018e-005	1.173e-005	1.501e-003	5.816e-003	-5.023e-002	-1.399e-006
125	-2.489e-003	9.625e-004	-1.005e-003	9.309e-003	2.929e-002	3.932e-007
126	-2.206e-003	1.225e-003	-1.531e-002	1.364e-002	-6.855e-002	4.029e-007
127	-2.611e-003	8.798e-004	-2.278e-002	1.433e-002	6.402e-002	-1.524e-007
128	-2.298e-008	1.728e-008	1.127e-009	2.735e-002	1.880e-003	4.546e-007
129	-3.255e-008	4.207e-008	6.288e-010	2.546e-002	-2.009e-003	-1.880e-007
130	-4.880e-005	1.468e-004	7.795e-006	-2.810e-002	1.816e-003	-2.659e-008
131	-2.129e-008	1.766e-008	1.312e-009	3.099e-002	-2.039e-003	7.317e-008
132	-1.104e-003	1.912e-004	-2.957e-004	-1.103e-002	6.693e-002	2.138e-008
133	-1.027e-003	3.969e-004	-1.927e-003	-2.225e-002	-1.288e-002	-2.576e-007
134	-1.654e-003	6.296e-004	-1.086e-002	-3.137e-002	-6.572e-002	-3.321e-007
135	-2.139e-003	6.936e-004	-1.694e-002	-3.772e-002	2.106e-002	-9.205e-009
136	-2.421e-003	9.863e-004	3.988e-003	-8.379e-003	1.347e-002	-3.420e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-2.489e-003	9.626e-004	-1.005e-003	-2.668e-003	2.888e-002	-3.644e-007
139	-2.206e-003	1.226e-003	-1.531e-002	-1.506e-002	-6.898e-002	-4.485e-007
140	-2.611e-003	8.797e-004	-2.278e-002	-1.602e-002	6.443e-002	1.179e-007
141	-3.209e-004	2.682e-003	1.083e-003	-7.541e-004	4.289e-002	-2.559e-007
142	-2.422e-005	1.522e-003	1.420e-003	-2.687e-003	-4.958e-002	1.427e-006
143	-2.421e-003	9.863e-004	3.988e-003	8.165e-003	1.387e-002	3.233e-008
144	-1.745e-003	1.848e-003	-1.148e-002	3.034e-002	-6.752e-002	1.052e-006
145	-2.130e-003	1.040e-003	-1.701e-002	3.912e-002	2.591e-002	9.066e-008
146	-1.274e-003	2.347e-003	-1.148e-003	1.116e-002	6.220e-002	-1.668e-007
147	-9.976e-004	1.246e-003	-2.199e-003	2.004e-002	-1.787e-002	2.152e-007
148	-9.329e-009	2.665e-003	1.259e-009	-2.566e-002	2.734e-003	-1.928e-007
149	-2.070e-008	1.366e-003	1.444e-010	-2.544e-002	-2.795e-003	1.475e-007
150	-5.032e-005	1.373e-003	6.254e-006	2.195e-002	2.632e-003	-1.871e-007
151	-2.053e-008	1.508e-003	1.037e-009	-3.226e-002	-2.856e-003	-1.030e-007

Vettori modali 67 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	2.093e-005	-7.731e-004	2.380e-004	-2.761e-002	-7.455e-002	2.752e-006
2	-3.860e-004	-6.351e-004	7.437e-004	5.197e-003	8.119e-002	2.301e-006
3	4.749e-005	-7.023e-004	6.186e-004	3.879e-002	-3.759e-002	9.281e-007
4	-1.785e-004	-6.474e-004	1.746e-004	3.101e-002	4.462e-002	-3.983e-007
5	-7.311e-005	-6.437e-007	8.698e-004	1.165e-002	1.511e-002	1.429e-003
6	7.593e-005	1.370e-005	6.865e-004	9.752e-003	-8.968e-003	-1.507e-003
7	-1.876e-004	-9.822e-005	1.607e-004	-3.097e-002	4.494e-002	2.030e-007
8	7.776e-005	-2.065e-004	6.084e-004	-4.087e-002	-3.554e-002	-4.738e-007
9	-3.962e-004	-1.744e-004	7.679e-004	-5.246e-003	8.160e-002	-1.690e-006
10	5.690e-005	-2.012e-004	2.441e-004	2.987e-002	-7.527e-002	-1.668e-006
11	-1.188e-004	-4.951e-004	-3.837e-004	5.997e-005	-3.320e-002	-1.616e-004
12	-7.103e-004	-4.289e-004	1.397e-002	-1.795e-005	3.048e-002	-2.309e-005
13	1.914e-004	-5.356e-004	1.878e-002	1.096e-004	-3.642e-002	1.204e-006
14	-5.964e-005	-7.708e-004	9.188e-004	-1.227e-002	1.462e-002	-1.295e-003
15	6.051e-005	-1.112e-003	7.652e-004	-1.073e-002	-8.375e-003	1.342e-003
16	0.000e+000	0.000e+000	0.000e+000	1.048e-002	1.071e-004	5.872e-004
17	0.000e+000	0.000e+000	0.000e+000	-2.791e-002	-3.015e-005	3.169e-005
18	1.018e-005	2.699e-005	2.641e-006	-1.594e-002	6.804e-006	1.758e-004
19	0.000e+000	0.000e+000	0.000e+000	7.993e-003	-3.145e-005	-5.977e-004
20	-1.818e-004	-1.372e-004	8.683e-003	2.018e-002	1.966e-002	9.589e-005
21	-8.890e-005	-1.583e-004	-1.140e-002	-1.252e-002	-6.061e-003	2.364e-004
22	5.924e-005	-1.318e-004	9.391e-003	2.515e-002	-1.709e-002	7.070e-004
23	-5.105e-004	-2.948e-004	1.514e-002	2.896e-003	2.507e-002	7.746e-004
24	-1.925e-004	-2.917e-004	-1.101e-002	1.295e-002	-5.215e-003	1.777e-004
25	-7.179e-005	-3.210e-004	1.865e-002	7.771e-003	-2.675e-002	-3.753e-004
26	-2.364e-004	-4.627e-004	-5.037e-003	3.517e-005	-3.609e-003	-6.257e-005
27	-4.947e-004	-5.533e-004	1.525e-002	-2.567e-003	2.489e-002	-8.000e-004
28	-2.047e-004	-6.017e-004	-1.099e-002	-1.292e-002	-5.065e-003	-1.298e-004
29	-1.040e-004	-7.557e-004	1.890e-002	-7.239e-003	-2.654e-002	4.523e-004
30	-1.540e-004	-6.751e-004	8.882e-003	-2.026e-002	1.931e-002	-1.152e-004
31	-1.127e-004	-6.569e-004	-1.138e-002	1.248e-002	-5.804e-003	-1.604e-004
32	1.003e-005	-9.544e-004	9.741e-003	-2.540e-002	-1.667e-002	-7.222e-004
33	0.000e+000	-7.616e-004	0.000e+000	-1.109e-002	1.043e-004	-3.808e-004
34	0.000e+000	-6.785e-004	0.000e+000	2.786e-002	-3.056e-005	-4.571e-004
35	1.889e-005	-8.874e-004	2.924e-006	1.558e-002	5.356e-006	-1.035e-003
36	0.000e+000	-1.102e-003	0.000e+000	-8.978e-003	-2.741e-005	3.701e-004
37	5.677e-003	1.775e-002	-2.246e-003	-4.283e-002	3.347e-003	1.029e-001
38	-3.542e-003	2.574e-002	-3.668e-003	-5.750e-002	-3.344e-003	-1.127e-001
39	-3.938e-002	9.533e-004	1.169e-002	-3.173e-003	-8.983e-002	1.848e-005
40	4.028e-002	1.159e-003	1.633e-002	-3.987e-003	9.661e-002	-4.520e-005
41	5.512e-003	-1.724e-002	-2.204e-003	3.988e-002	3.308e-003	-1.029e-001
42	-3.344e-003	-2.533e-002	-3.600e-003	5.400e-002	-3.298e-003	1.127e-001
43	4.321e-003	2.036e-002	-5.308e-003	3.548e-002	-1.710e-003	2.044e-001
44	-4.563e-003	2.758e-002	-7.934e-003	5.217e-002	-5.940e-003	-2.239e-001
45	-3.401e-002	1.301e-003	9.127e-003	2.163e-003	1.258e-001	6.005e-005
46	3.626e-002	1.637e-003	1.348e-002	2.591e-003	-1.301e-001	-9.161e-005
47	4.309e-003	-1.934e-002	-5.273e-003	-3.403e-002	-1.211e-003	-2.046e-001
48	-4.549e-003	-2.643e-002	-7.879e-003	-5.089e-002	-6.538e-003	2.241e-001
49	1.727e-002	1.527e-003	-8.381e-003	-7.632e-003	7.011e-002	3.109e-001
50	-2.105e-002	2.117e-003	-1.220e-002	-1.717e-002	-7.453e-002	-3.406e-001
51	-1.011e-001	9.658e-004	-2.815e-002	-3.019e-002	1.131e-001	7.360e-002
52	1.092e-001	1.365e-003	-4.523e-002	-4.937e-002	-1.224e-001	-8.416e-002
53	-3.335e-002	3.835e-004	-1.890e-002	6.173e-002	1.560e-001	-2.845e-001
54	3.740e-002	5.821e-004	-3.033e-002	9.976e-002	-1.702e-001	3.068e-001

Vettori modali 67 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
55	6.678e-002	-2.075e-004	6.200e-003	1.010e-003	1.989e-001	1.037e-004
56	-7.109e-002	-2.136e-004	1.014e-002	1.264e-003	-2.180e-001	-1.403e-004
57	-3.343e-002	-8.151e-004	-1.907e-002	-6.339e-002	1.560e-001	2.845e-001
58	3.750e-002	-1.030e-003	-3.060e-002	-1.020e-001	-1.702e-001	-3.069e-001
59	-1.011e-001	-1.405e-003	-2.886e-002	3.032e-002	1.130e-001	-7.391e-002
60	1.093e-001	-1.824e-003	-4.619e-002	4.966e-002	-1.223e-001	8.454e-002
61	1.742e-002	-1.963e-003	-8.355e-003	1.002e-002	7.005e-002	-3.112e-001
62	-2.123e-002	-2.577e-003	-1.216e-002	2.023e-002	-7.445e-002	3.409e-001
63	-5.117e-002	5.505e-003	-1.481e-002	6.514e-003	-4.804e-003	-2.502e-001
64	-1.225e-001	-4.378e-004	8.305e-003	-4.988e-004	8.276e-002	5.003e-005
65	-5.113e-002	-6.474e-003	-1.477e-002	-7.701e-003	-4.157e-003	2.502e-001
66	4.790e-002	3.763e-003	-1.035e-002	2.977e-003	1.173e-002	2.287e-001
67	1.112e-001	-3.126e-004	4.291e-003	-5.952e-004	-8.263e-002	-1.121e-004
68	4.787e-002	-4.460e-003	-1.033e-002	-4.278e-003	1.118e-002	-2.288e-001
69	3.462e-002	1.208e-003	-1.324e-002	-5.009e-002	1.455e-001	-1.303e-001
70	5.143e-002	2.319e-003	-2.365e-002	1.218e-002	1.076e-001	8.403e-002
71	-2.251e-002	-3.253e-003	-1.719e-002	2.190e-002	6.980e-002	-1.551e-001
72	5.147e-002	-2.186e-003	-2.375e-002	-1.131e-002	1.076e-001	-8.466e-002
73	3.482e-002	-1.069e-003	-1.291e-002	5.048e-002	1.455e-001	1.304e-001
74	-1.752e-002	7.121e-005	6.182e-003	-8.755e-004	1.833e-001	2.501e-004
75	-2.228e-002	3.377e-003	-1.716e-002	-2.348e-002	6.975e-002	1.548e-001
76	2.269e-002	-3.074e-003	-1.218e-002	2.243e-002	-6.914e-002	1.423e-001
77	-4.559e-002	-2.047e-003	-1.588e-002	-1.058e-002	-1.002e-001	8.075e-002
78	-3.262e-002	-9.733e-004	-1.035e-002	3.141e-002	-1.313e-001	-1.148e-001
79	1.416e-002	1.219e-004	2.183e-003	-5.609e-004	-1.625e-001	-3.389e-004
80	-3.239e-002	1.215e-003	-1.054e-002	-3.111e-002	-1.313e-001	1.147e-001
81	-4.557e-002	2.281e-003	-1.579e-002	1.109e-002	-1.002e-001	-8.008e-002
82	2.248e-002	3.297e-003	-1.215e-002	-2.345e-002	-6.913e-002	-1.422e-001
83	-1.316e-002	-1.327e-003	-1.395e-002	2.784e-002	3.799e-002	-5.806e-002
84	1.257e-002	1.765e-003	-8.496e-003	-2.683e-002	-4.386e-002	-5.464e-002
85	1.274e-002	-1.452e-003	-8.504e-003	2.659e-002	-4.421e-002	5.416e-002
86	-3.910e-003	1.724e-004	9.086e-003	-2.824e-004	-4.720e-002	-4.311e-004
87	-1.298e-002	1.693e-003	-1.394e-002	-2.889e-002	3.752e-002	5.824e-002
88	3.836e-003	2.005e-004	1.431e-002	-7.028e-004	6.272e-002	2.907e-004
89	-7.891e-003	2.807e-003	-1.056e-002	-4.961e-002	3.399e-002	-9.754e-003
90	8.964e-003	1.979e-003	-5.893e-002	-6.359e-002	1.930e-002	-3.941e-002
91	1.657e-002	1.106e-003	-3.723e-002	1.349e-001	4.600e-003	1.235e-002
92	7.298e-003	2.088e-004	1.620e-002	4.904e-005	-1.010e-002	5.675e-004
93	1.624e-002	-6.819e-004	-3.710e-002	-1.347e-001	4.395e-003	-1.234e-002
94	8.915e-003	-1.557e-003	-5.882e-002	6.328e-002	1.889e-002	3.855e-002
95	-7.793e-003	-2.398e-003	-1.062e-002	4.945e-002	3.338e-002	1.045e-002
96	6.762e-003	2.435e-003	-4.483e-003	-4.557e-002	-3.563e-002	1.093e-002
97	-1.004e-002	1.695e-003	-5.070e-002	-6.790e-002	-1.907e-002	3.732e-002
98	-1.602e-002	9.166e-004	-3.673e-002	1.128e-001	-2.510e-003	-1.584e-002
99	-5.844e-003	1.181e-004	9.825e-003	2.612e-004	1.405e-002	-5.944e-004
100	-1.566e-002	-6.758e-004	-3.651e-002	-1.127e-001	-2.334e-003	1.581e-002
101	-9.988e-003	-1.455e-003	-5.061e-002	6.739e-002	-1.872e-002	-3.640e-002
102	6.657e-003	-2.201e-003	-4.528e-003	4.585e-002	-3.510e-002	-1.165e-002
103	-3.216e-003	-6.282e-003	-4.824e-003	3.195e-002	4.155e-002	-1.665e-002
104	2.486e-003	-5.964e-003	7.426e-004	2.973e-002	-3.295e-002	1.510e-002
105	-2.766e-003	-3.927e-005	6.145e-003	5.813e-004	3.135e-002	-7.494e-004
106	3.963e-003	5.634e-005	1.216e-002	4.677e-004	-3.989e-002	9.453e-004
107	2.528e-003	5.936e-003	8.703e-004	-2.886e-002	-3.348e-002	-1.670e-002
108	-3.245e-003	6.440e-003	-4.678e-003	-3.133e-002	4.210e-002	1.863e-002
109	-3.439e-004	-4.532e-003	1.781e-003	2.334e-002	3.174e-002	-2.156e-002

Vettori modali 67 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
110	-5.311e-004	-2.005e-004	1.358e-003	6.684e-004	2.029e-002	-4.911e-004
111	7.564e-004	-1.454e-004	4.982e-003	6.275e-004	-3.805e-002	7.965e-004
112	5.401e-004	-4.363e-003	5.110e-003	2.234e-002	-1.550e-002	2.022e-002
113	5.504e-004	4.004e-003	5.318e-003	-2.152e-002	-1.585e-002	-2.146e-002
114	-3.416e-004	4.282e-003	2.003e-003	-2.262e-002	3.204e-002	2.340e-002
115	3.243e-004	2.104e-003	5.969e-003	-2.215e-002	9.016e-003	4.816e-004
116	5.336e-004	1.342e-003	-4.524e-003	-1.482e-002	2.794e-003	-4.462e-004
117	3.539e-004	5.495e-004	-5.138e-003	1.104e-002	-3.428e-003	1.115e-003
118	-1.202e-004	-2.552e-004	1.939e-004	5.798e-004	-9.651e-003	1.282e-004
119	3.097e-004	-1.062e-003	-4.820e-003	-1.110e-002	-3.415e-003	-1.181e-003
120	5.519e-004	-1.845e-003	-4.529e-003	1.388e-002	2.821e-003	3.349e-004
121	3.187e-004	-2.587e-003	5.724e-003	2.242e-002	9.057e-003	-2.162e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-7.310e-005	-6.470e-007	8.698e-004	1.629e-002	-4.539e-002	-7.586e-007
124	7.591e-005	1.370e-005	6.865e-004	2.500e-002	4.179e-002	8.119e-007
125	-1.188e-004	-4.951e-004	-3.837e-004	-1.698e-002	-1.651e-002	3.801e-008
126	-7.103e-004	-4.289e-004	1.397e-002	-9.871e-003	7.763e-002	-2.795e-007
127	1.914e-004	-5.356e-004	1.878e-002	-1.990e-002	-6.563e-002	2.305e-007
128	-1.319e-008	-1.172e-008	-7.816e-010	5.797e-003	-4.957e-003	1.503e-007
129	-1.028e-008	-1.947e-008	-2.895e-010	-3.306e-002	4.865e-003	-2.769e-007
130	1.019e-005	2.699e-005	2.641e-006	3.943e-002	-4.882e-003	6.036e-008
131	9.029e-009	-8.530e-009	-5.846e-010	-7.487e-003	5.048e-003	1.200e-008
132	-1.818e-004	-1.372e-004	8.683e-003	2.076e-002	-3.404e-002	3.817e-008
133	5.924e-005	-1.318e-004	9.391e-003	1.647e-002	-1.912e-002	3.158e-007
134	-5.105e-004	-2.948e-004	1.514e-002	5.222e-003	7.996e-002	5.774e-007
135	-7.179e-005	-3.210e-004	1.865e-002	2.042e-002	-1.147e-002	2.199e-008
136	-2.363e-004	-4.627e-004	-5.037e-003	1.093e-002	-2.330e-002	-1.653e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.188e-004	-4.951e-004	-3.837e-004	1.483e-002	-1.647e-002	1.874e-007
139	-7.103e-004	-4.289e-004	1.397e-002	1.166e-002	7.768e-002	2.358e-007
140	1.914e-004	-5.356e-004	1.878e-002	2.057e-002	-6.568e-002	-3.032e-007
141	-5.962e-005	-7.708e-004	9.188e-004	-1.869e-002	-4.433e-002	7.811e-007
142	6.049e-005	-1.112e-003	7.652e-004	-2.635e-002	4.205e-002	-1.008e-006
143	-2.363e-004	-4.627e-004	-5.037e-003	-1.084e-002	-2.336e-002	-7.443e-008
144	-4.947e-004	-5.533e-004	1.525e-002	-6.555e-003	8.006e-002	-6.783e-007
145	-1.040e-004	-7.557e-004	1.890e-002	-2.009e-002	-1.425e-002	-4.621e-008
146	-1.540e-004	-6.751e-004	8.882e-003	-1.909e-002	-3.244e-002	-4.052e-008
147	1.003e-005	-9.544e-004	9.741e-003	-1.643e-002	-1.753e-002	-2.917e-007
148	-1.291e-008	-7.616e-004	-5.486e-010	-4.517e-003	-5.436e-003	-1.104e-007
149	-8.573e-009	-6.785e-004	-8.923e-011	3.305e-002	5.343e-003	3.858e-007
150	1.890e-005	-8.874e-004	2.924e-006	-3.706e-002	-5.352e-003	3.364e-008
151	1.169e-008	-1.102e-003	-6.529e-010	6.854e-003	5.546e-003	1.565e-008

Vettori modali 68 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	3.600e-002	4.867e-003	2.446e-003	1.116e-001	7.093e-002	1.415e-005
2	2.170e-002	-5.886e-003	-3.696e-004	-4.551e-002	1.149e-001	6.400e-006
3	1.168e-002	4.763e-003	-1.728e-004	-1.216e-001	-4.790e-002	2.960e-006
4	8.631e-003	-4.381e-003	4.499e-005	7.419e-002	-3.097e-002	-2.891e-006
5	2.175e-003	6.161e-004	-4.387e-004	-5.377e-003	-2.694e-002	-3.148e-002
6	2.124e-003	-5.838e-004	2.334e-006	1.232e-005	-2.703e-002	-3.033e-002
7	7.627e-003	8.171e-006	6.541e-004	-4.551e-002	-5.035e-002	3.150e-006
8	1.038e-002	4.328e-004	-1.673e-003	1.018e-001	-7.852e-002	-3.663e-006
9	2.007e-002	1.770e-004	2.617e-004	3.169e-002	8.824e-002	-7.114e-006
10	3.450e-002	2.241e-004	2.584e-003	-9.117e-002	5.367e-002	-2.098e-005
11	4.613e-002	1.653e-003	-1.162e-003	-3.678e-003	1.686e-003	8.038e-003

Vettori modali 68 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
12	4.584e-002	-4.118e-003	-9.302e-004	1.799e-002	-1.278e-002	1.716e-003
13	4.601e-002	4.364e-003	1.468e-003	-1.085e-002	-1.516e-002	1.096e-003
14	2.834e-003	-1.403e-002	2.579e-003	-3.193e-002	-3.062e-002	3.779e-002
15	2.793e-003	1.430e-002	-2.029e-003	2.513e-002	-3.145e-002	3.668e-002
16	0.000e+000	0.000e+000	0.000e+000	-5.536e-003	-2.558e-004	-2.200e-002
17	0.000e+000	0.000e+000	0.000e+000	-2.537e-004	1.844e-004	-9.419e-003
18	8.642e-004	-2.211e-004	-4.098e-005	-1.566e-004	1.204e-004	5.993e-003
19	0.000e+000	0.000e+000	0.000e+000	3.758e-005	-3.012e-004	-2.139e-002
20	2.015e-002	1.857e-003	-4.640e-003	-1.072e-002	-2.275e-002	-4.358e-002
21	1.938e-002	4.137e-005	-1.160e-004	-1.937e-004	2.431e-004	-4.684e-002
22	1.907e-002	-1.617e-003	2.027e-003	7.032e-003	-2.352e-002	-4.376e-002
23	3.742e-002	2.227e-004	-6.958e-003	3.749e-003	-1.777e-002	-2.806e-002
24	3.768e-002	-2.441e-005	-2.132e-004	-2.141e-004	-4.406e-002	-2.929e-002
25	3.798e-002	-9.082e-006	4.314e-003	1.149e-004	-1.934e-002	-2.975e-002
26	4.617e-002	1.590e-004	-3.455e-004	-9.336e-005	4.560e-003	3.259e-003
27	3.808e-002	-9.184e-003	1.059e-002	1.892e-002	-1.906e-002	2.552e-002
28	3.909e-002	3.112e-004	-2.851e-004	1.633e-004	-5.531e-002	2.494e-002
29	3.896e-002	9.421e-003	-6.528e-003	-1.478e-002	-2.089e-002	2.724e-002
30	2.140e-002	-1.274e-002	1.262e-002	-1.236e-002	-2.534e-002	4.279e-002
31	2.131e-002	2.168e-004	-1.574e-004	3.598e-004	-5.847e-002	4.616e-002
32	2.043e-002	1.295e-002	-9.069e-003	6.729e-003	-2.663e-002	4.342e-002
33	0.000e+000	-1.399e-002	0.000e+000	-3.238e-002	-2.520e-004	3.260e-002
34	0.000e+000	3.320e-004	0.000e+000	2.887e-004	1.316e-004	2.498e-002
35	5.584e-004	4.841e-003	-3.201e-005	8.686e-003	1.063e-004	1.574e-002
36	0.000e+000	1.430e-002	0.000e+000	2.548e-002	-2.834e-004	3.235e-002
37	-7.572e-003	-3.022e-002	-4.544e-007	6.467e-002	-2.666e-003	4.030e-002
38	-7.647e-003	2.568e-002	-4.276e-004	-5.230e-002	-2.643e-003	3.853e-002
39	-8.053e-003	2.205e-002	-1.095e-003	-6.724e-002	-1.445e-001	1.582e-003
40	-6.872e-003	-1.350e-002	1.550e-003	4.664e-002	-1.413e-001	1.212e-003
41	-8.379e-003	7.534e-003	2.410e-003	-3.729e-002	-3.838e-003	-3.620e-002
42	-8.706e-003	-1.445e-002	-2.133e-003	5.599e-002	-3.850e-003	-3.457e-002
43	1.271e-003	-3.053e-002	4.378e-004	-6.338e-002	3.209e-002	1.121e-001
44	1.192e-003	2.489e-002	-8.470e-004	5.386e-002	3.191e-002	1.074e-001
45	-4.414e-002	2.954e-002	-1.233e-003	4.572e-002	4.197e-002	1.448e-003
46	-4.287e-002	-1.981e-002	1.593e-003	-2.829e-002	3.847e-002	1.328e-003
47	9.984e-004	1.264e-002	2.181e-003	1.848e-002	3.477e-002	-1.102e-001
48	9.108e-004	-2.117e-002	-2.185e-003	-3.286e-002	3.537e-002	-1.058e-001
49	1.984e-002	-1.965e-003	8.857e-004	2.783e-002	3.584e-002	1.873e-001
50	1.934e-002	2.271e-003	-1.264e-003	-2.928e-002	3.403e-002	1.796e-001
51	-5.376e-002	-1.132e-003	4.818e-002	8.475e-002	8.937e-002	5.791e-002
52	-5.127e-002	1.542e-003	-4.411e-002	-7.370e-002	8.624e-002	5.597e-002
53	-2.228e-002	-2.738e-004	4.290e-002	-1.006e-001	1.429e-001	-1.521e-001
54	-2.146e-002	7.771e-004	-3.776e-002	9.278e-002	1.384e-001	-1.449e-001
55	3.286e-002	5.909e-004	-1.345e-003	3.585e-003	1.964e-001	1.307e-003
56	3.114e-002	-5.282e-006	1.596e-003	-7.744e-003	1.907e-001	1.449e-003
57	-2.301e-002	8.763e-004	1.723e-002	3.988e-002	1.431e-001	1.519e-001
58	-2.232e-002	-4.563e-004	-2.528e-002	-5.567e-002	1.386e-001	1.449e-001
59	-5.369e-002	1.142e-003	1.913e-002	-3.333e-002	8.971e-002	-6.037e-002
60	-5.122e-002	-8.969e-004	-2.693e-002	4.965e-002	8.648e-002	-5.890e-002
61	2.075e-002	1.381e-003	1.883e-003	-3.809e-003	3.635e-002	-1.878e-001
62	2.048e-002	-1.317e-003	-2.180e-003	3.467e-003	3.440e-002	-1.805e-001
63	2.165e-002	8.501e-003	-6.865e-004	4.431e-003	-3.249e-002	1.402e-001
64	9.250e-002	4.229e-003	3.059e-003	-4.249e-003	-9.921e-003	2.386e-003
65	2.181e-002	1.633e-003	-1.499e-003	-7.863e-003	-3.583e-002	-1.365e-001
66	2.285e-002	-7.884e-003	2.419e-004	-3.825e-003	-3.248e-002	1.457e-001

Vettori modali 68 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
67	9.542e-002	-3.093e-003	-2.844e-003	6.068e-003	-1.239e-002	2.549e-003
68	2.308e-002	-1.496e-003	1.129e-003	7.998e-003	-3.498e-002	-1.418e-001
69	-1.724e-002	9.845e-004	5.584e-003	-9.790e-003	-1.096e-001	1.159e-001
70	-4.322e-002	1.485e-004	-1.884e-003	-1.331e-002	-6.292e-002	-3.294e-002
71	1.567e-004	4.178e-003	-6.256e-005	-3.020e-003	-1.793e-002	9.886e-002
72	-4.359e-002	3.458e-003	-2.262e-003	-2.385e-003	-6.403e-002	3.034e-002
73	-1.605e-002	2.658e-003	-7.217e-004	8.383e-003	-1.101e-001	-1.175e-001
74	2.527e-002	1.798e-003	4.523e-003	1.186e-002	-1.562e-001	3.372e-003
75	-5.089e-004	-6.908e-004	-7.466e-004	2.290e-002	-1.628e-002	-9.022e-002
76	6.462e-004	-4.382e-003	-4.408e-004	4.972e-003	-1.953e-002	1.020e-001
77	-4.453e-002	-3.641e-003	2.228e-003	2.681e-003	-6.655e-002	3.197e-002
78	-1.670e-002	-2.816e-003	7.167e-004	-8.358e-003	-1.136e-001	-1.199e-001
79	2.548e-002	-1.926e-003	-4.351e-003	-1.095e-002	-1.606e-001	3.854e-003
80	-1.829e-002	-1.089e-003	-6.099e-003	7.494e-003	-1.130e-001	1.185e-001
81	-4.428e-002	-2.272e-004	8.420e-004	1.389e-002	-6.549e-002	-3.571e-002
82	2.945e-004	6.399e-004	3.092e-004	-2.245e-002	-1.795e-002	-9.347e-002
83	1.195e-003	-1.542e-004	5.884e-004	4.511e-003	2.396e-002	3.344e-002
84	1.645e-003	1.564e-003	-5.097e-004	-2.507e-002	2.708e-002	-2.331e-002
85	1.488e-003	-1.171e-004	-1.035e-003	-3.275e-003	2.326e-002	3.475e-002
86	2.112e-003	7.833e-004	4.822e-003	-1.417e-002	-1.011e-001	5.423e-003
87	1.097e-003	-1.816e-003	1.514e-004	2.496e-002	2.837e-002	-2.275e-002
88	2.368e-003	-1.046e-003	-4.299e-003	1.504e-002	-1.001e-001	4.967e-003
89	5.099e-003	-4.836e-003	3.765e-003	4.787e-002	2.103e-002	-1.048e-002
90	6.338e-003	-4.419e-003	3.686e-002	3.702e-002	1.603e-004	9.838e-003
91	-2.726e-003	-3.901e-003	2.074e-002	-8.839e-002	-2.071e-002	2.072e-002
92	-8.462e-003	-3.293e-003	-1.184e-002	7.873e-003	-4.157e-002	1.084e-003
93	-4.060e-003	-2.759e-003	2.435e-002	8.626e-002	-1.941e-002	-1.924e-002
94	5.588e-003	-2.161e-003	3.661e-002	-4.588e-002	2.758e-003	-1.318e-002
95	5.665e-003	-1.513e-003	3.848e-003	-3.270e-002	2.492e-002	1.033e-002
96	5.287e-003	4.650e-003	-4.150e-003	-4.908e-002	2.032e-002	-9.757e-003
97	6.209e-003	4.208e-003	-3.825e-002	-3.801e-002	-7.492e-005	1.028e-002
98	-2.915e-003	3.670e-003	-2.141e-002	9.171e-002	-2.047e-002	2.061e-002
99	-8.730e-003	3.047e-003	1.235e-002	-8.156e-003	-4.086e-002	1.979e-003
100	-4.879e-003	2.483e-003	-2.544e-002	-9.011e-002	-1.944e-002	-1.890e-002
101	5.283e-003	1.862e-003	-3.825e-002	4.788e-002	1.971e-003	-1.519e-002
102	5.996e-003	1.199e-003	-4.059e-003	3.406e-002	2.338e-002	1.074e-002
103	7.205e-003	-3.181e-006	5.751e-003	-1.994e-002	1.090e-003	8.842e-003
104	7.337e-003	-2.131e-004	-5.706e-003	2.033e-002	-6.524e-004	1.073e-002
105	-1.105e-002	3.388e-003	1.500e-002	-4.439e-003	4.993e-003	-6.467e-003
106	-1.093e-002	-3.397e-003	-1.465e-002	3.613e-003	3.574e-003	-7.718e-003
107	6.390e-003	6.658e-003	-5.519e-003	-2.991e-002	-1.373e-003	-2.233e-002
108	6.308e-003	-6.565e-003	5.262e-003	2.858e-002	-4.264e-004	-2.325e-002
109	6.597e-003	-1.126e-004	4.176e-003	-8.962e-003	-1.723e-002	3.417e-003
110	-9.316e-003	2.045e-003	1.024e-002	-1.817e-003	4.538e-002	-1.049e-002
111	-9.292e-003	-1.783e-003	-1.013e-002	8.019e-004	4.429e-002	-1.142e-002
112	6.617e-003	2.267e-004	-3.872e-003	9.119e-003	-1.835e-002	5.203e-003
113	5.685e-003	3.902e-003	-3.760e-003	-1.348e-002	-1.699e-002	-2.472e-002
114	5.670e-003	-3.573e-003	3.646e-003	1.232e-002	-1.635e-002	-2.537e-002
115	5.183e-003	2.087e-004	-2.629e-005	-3.919e-004	-2.047e-002	-1.367e-002
116	-2.781e-003	2.076e-004	-6.497e-005	1.918e-004	5.425e-003	3.207e-002
117	-1.330e-002	2.018e-004	6.068e-005	1.760e-004	3.132e-002	2.542e-003
118	-8.124e-003	1.913e-004	3.128e-006	-4.642e-004	5.721e-002	-8.368e-003
119	-1.138e-002	1.817e-004	-1.986e-004	-1.283e-004	3.066e-002	3.850e-003
120	-4.953e-003	1.680e-004	-5.512e-005	6.081e-004	4.105e-003	-2.713e-002
121	6.079e-003	1.503e-004	2.065e-004	2.637e-004	-2.245e-002	-5.975e-003

Vettori modali 68 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.175e-003	6.165e-004	-4.387e-004	1.144e-001	6.262e-002	1.601e-005
124	2.124e-003	-5.843e-004	2.333e-006	-1.024e-001	7.057e-002	1.171e-005
125	4.613e-002	1.653e-003	-1.162e-003	6.011e-002	5.791e-002	-1.422e-005
126	4.584e-002	-4.118e-003	-9.302e-004	-1.038e-001	4.907e-002	-1.394e-006
127	4.601e-002	4.364e-003	1.468e-003	9.440e-002	-6.972e-002	-3.980e-006
128	4.821e-007	7.634e-008	5.944e-009	-1.261e-001	-8.893e-002	-6.175e-006
129	6.784e-007	2.333e-008	2.789e-010	-2.913e-004	9.163e-002	5.382e-006
130	8.647e-004	-2.211e-004	-4.098e-005	-1.393e-001	-8.938e-002	-1.643e-006
131	2.794e-007	-7.987e-008	-7.009e-009	1.048e-001	9.207e-002	-3.312e-006
132	2.015e-002	1.857e-003	-4.640e-003	-1.364e-001	-1.245e-001	7.927e-007
133	1.907e-002	-1.617e-003	2.027e-003	1.138e-001	1.814e-001	-1.040e-006
134	3.742e-002	2.232e-004	-6.958e-003	1.269e-001	2.467e-002	-5.556e-006
135	3.798e-002	-9.510e-006	4.314e-003	-1.043e-001	-1.135e-001	2.304e-006
136	4.617e-002	1.591e-004	-3.455e-004	-8.050e-005	-5.134e-002	8.948e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	4.613e-002	1.653e-003	-1.162e-003	-7.771e-002	6.175e-002	7.263e-006
139	4.584e-002	-4.118e-003	-9.302e-004	1.069e-001	5.268e-002	3.396e-006
140	4.601e-002	4.364e-003	1.468e-003	-1.030e-001	-7.317e-002	6.349e-006
141	2.834e-003	-1.403e-002	2.579e-003	-1.141e-001	5.224e-002	-9.190e-006
142	2.793e-003	1.430e-002	-2.029e-003	1.121e-001	5.219e-002	-5.402e-006
143	4.617e-002	1.589e-004	-3.455e-004	-1.476e-005	-5.445e-002	-1.774e-006
144	3.808e-002	-9.185e-003	1.059e-002	-6.015e-002	8.616e-002	-3.280e-006
145	3.896e-002	9.422e-003	-6.528e-003	7.000e-002	-6.932e-002	-5.224e-006
146	2.140e-002	-1.274e-002	1.262e-002	6.794e-002	-4.046e-002	-1.653e-007
147	2.043e-002	1.295e-002	-9.069e-003	-8.001e-002	2.018e-001	6.425e-007
148	2.978e-007	-1.399e-002	-2.751e-009	4.713e-002	-8.650e-002	3.110e-006
149	4.637e-007	3.320e-004	7.397e-011	2.265e-004	8.833e-002	-5.922e-006
150	5.587e-004	4.841e-003	-3.201e-005	1.424e-001	-8.676e-002	1.882e-006
151	1.633e-007	1.430e-002	4.134e-010	-6.006e-002	8.831e-002	2.406e-006

Vettori modali 69 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-5.975e-003	-8.418e-004	-5.003e-004	-1.357e-002	3.573e-003	-2.295e-006
2	-3.500e-003	9.062e-004	-1.377e-003	5.733e-003	-1.316e-002	-1.446e-006
3	-1.912e-003	-8.249e-004	-8.148e-005	1.289e-002	1.784e-002	-3.629e-007
4	-1.324e-003	6.085e-004	3.460e-004	1.822e-003	4.605e-003	2.875e-007
5	-2.369e-004	-2.065e-004	-9.987e-003	-1.233e-001	1.501e-004	3.561e-003
6	-3.868e-004	9.619e-005	3.031e-004	3.802e-003	1.084e-003	5.518e-003
7	-1.356e-003	1.615e-004	-5.544e-004	2.206e-002	7.493e-003	-7.228e-007
8	-1.814e-003	-7.994e-005	3.896e-004	-2.417e-002	3.324e-003	6.888e-007
9	-3.496e-003	1.971e-004	1.385e-003	-6.307e-003	-2.119e-002	1.101e-006
10	-5.948e-003	-2.923e-005	-3.702e-004	1.996e-002	-2.416e-002	3.671e-006
11	-7.835e-003	-3.011e-004	1.685e-004	-2.089e-004	-4.682e-005	-1.547e-003
12	-7.798e-003	1.919e-003	-1.133e-005	1.334e-001	1.296e-003	-4.082e-004
13	-7.825e-003	-8.713e-004	-2.769e-004	-1.234e-003	2.160e-003	-5.108e-004
14	-5.821e-004	1.400e-003	9.851e-003	-1.215e-001	8.488e-003	-8.007e-003
15	-4.597e-004	-2.478e-003	-9.703e-005	1.242e-003	8.774e-003	-6.035e-003
16	0.000e+000	0.000e+000	0.000e+000	-1.256e-001	8.556e-006	2.289e-003
17	0.000e+000	0.000e+000	0.000e+000	-9.655e-005	-1.537e-005	1.938e-003
18	-1.611e-004	6.513e-005	4.928e-006	1.196e-003	-1.535e-005	-1.084e-003
19	0.000e+000	0.000e+000	0.000e+000	3.782e-003	2.783e-005	3.885e-003
20	-2.612e-003	-8.339e-005	-5.952e-002	-8.445e-002	4.891e-004	6.759e-003
21	-3.433e-003	4.914e-005	-9.504e-006	1.430e-005	1.505e-002	8.127e-003
22	-3.340e-003	2.441e-004	1.305e-003	7.856e-004	1.402e-003	7.526e-003
23	-5.919e-003	6.796e-004	-6.261e-002	7.701e-002	8.926e-004	6.191e-003

Vettori modali 69 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
24	-6.560e-003	9.059e-005	-4.884e-006	3.926e-005	2.060e-002	4.913e-003
25	-6.574e-003	-7.623e-005	8.362e-004	-2.261e-003	1.781e-003	4.975e-003
26	-7.840e-003	4.118e-005	8.351e-005	3.035e-004	-6.003e-004	-1.337e-003
27	-6.887e-003	2.008e-003	6.225e-002	7.616e-002	3.828e-003	-3.016e-003
28	-6.408e-003	-7.614e-006	1.971e-004	9.039e-005	-3.251e-003	-4.408e-003
29	-6.469e-003	-1.697e-003	-8.508e-004	-6.044e-004	4.489e-003	-4.788e-003
30	-4.394e-003	1.822e-003	5.897e-002	-8.419e-002	6.361e-003	-7.950e-003
31	-3.403e-003	-3.510e-005	1.618e-004	-2.023e-004	-4.938e-003	-7.652e-003
32	-3.356e-003	-2.261e-003	-6.901e-004	1.172e-003	6.818e-003	-7.152e-003
33	0.000e+000	1.426e-003	0.000e+000	-1.239e-001	7.061e-005	-6.351e-003
34	0.000e+000	-5.366e-005	0.000e+000	-4.452e-004	-3.797e-005	-3.435e-003
35	-7.795e-005	-7.763e-004	7.663e-006	1.026e-004	-2.401e-005	-2.879e-003
36	0.000e+000	-2.477e-003	0.000e+000	1.198e-003	7.221e-005	-5.372e-003
37	-1.396e-004	-7.999e-002	-8.151e-003	2.324e-001	2.851e-004	-1.879e-003
38	7.635e-005	-5.705e-003	2.146e-004	8.727e-003	5.521e-004	-5.062e-004
39	-4.047e-004	1.373e-001	-3.767e-005	-3.449e-001	2.194e-002	-1.173e-003
40	-7.201e-004	-6.886e-003	-2.486e-004	1.125e-002	2.088e-002	-1.280e-003
41	2.511e-003	-8.322e-002	8.143e-003	2.424e-001	9.532e-004	-1.773e-004
42	2.699e-003	-9.667e-004	4.693e-005	-6.680e-003	7.562e-004	9.265e-004
43	-7.147e-005	-1.053e-001	-6.108e-003	-1.653e-001	-2.817e-004	-7.320e-003
44	-2.348e-006	-3.911e-003	1.206e-004	-1.428e-002	-9.477e-004	-6.530e-003
45	6.631e-003	1.593e-001	-6.305e-005	2.864e-001	-1.063e-003	-1.937e-003
46	6.183e-003	-5.330e-003	-2.140e-004	-1.656e-002	-2.760e-004	-2.049e-003
47	4.561e-005	-1.094e-001	6.227e-003	-1.724e-001	-8.473e-003	7.652e-003
48	5.919e-006	2.336e-003	1.897e-004	-3.875e-003	-8.959e-003	7.888e-003
49	-8.406e-004	-3.134e-004	-3.798e-003	-1.497e-002	-3.181e-003	-1.303e-002
50	-1.005e-003	2.176e-003	1.867e-005	2.484e-003	-3.027e-003	-1.285e-002
51	3.705e-003	1.776e-003	8.821e-002	2.126e-001	-1.036e-002	-2.175e-003
52	3.496e-003	2.306e-003	2.656e-003	4.091e-003	-9.899e-003	-2.382e-003
53	9.294e-004	3.823e-003	9.992e-002	-1.781e-001	-1.754e-002	1.051e-002
54	9.690e-004	2.381e-003	2.078e-003	-5.798e-003	-1.677e-002	9.866e-003
55	-2.152e-003	5.780e-003	-8.795e-005	-5.989e-002	-2.472e-002	-2.739e-003
56	-1.904e-003	2.400e-003	-1.718e-004	1.178e-003	-2.364e-002	-2.856e-003
57	2.707e-003	3.716e-003	-1.052e-001	-1.890e-001	-1.711e-002	-1.062e-002
58	2.740e-003	2.548e-003	5.191e-003	1.107e-002	-1.624e-002	-9.822e-003
59	3.670e-003	1.564e-003	-9.351e-002	2.236e-001	-9.506e-003	8.317e-003
60	3.408e-003	2.637e-003	5.353e-003	-1.043e-002	-8.827e-003	8.473e-003
61	-3.369e-003	-6.246e-004	4.047e-003	-1.290e-002	-1.898e-003	1.586e-002
62	-3.454e-003	2.663e-003	3.342e-004	-1.349e-004	-1.419e-003	1.519e-002
63	-1.665e-003	-2.973e-003	-1.278e-004	1.195e-002	8.155e-004	-1.712e-002
64	-1.038e-002	-2.821e-003	-3.041e-004	1.288e-002	-2.238e-003	-4.085e-003
65	-7.929e-004	-2.295e-003	3.290e-004	1.322e-002	1.012e-002	6.752e-003
66	-1.774e-003	8.947e-003	-3.799e-003	-1.005e-002	1.855e-004	-1.631e-002
67	-1.072e-002	1.801e-002	1.913e-005	1.417e-002	-1.512e-003	-2.818e-003
68	-1.056e-003	8.533e-003	4.279e-003	-1.101e-002	9.454e-003	8.476e-003
69	1.701e-003	-4.323e-003	-1.497e-003	4.383e-003	1.257e-002	-1.158e-002
70	4.405e-003	-4.225e-003	1.473e-003	4.305e-003	6.159e-003	1.703e-003
71	-1.258e-003	-4.517e-003	-2.786e-004	-7.531e-003	-2.128e-003	-2.161e-002
72	5.876e-003	-4.559e-003	-1.214e-003	3.015e-003	4.909e-003	-2.598e-003
73	1.137e-003	-4.492e-003	8.959e-004	2.915e-003	1.195e-002	1.682e-002
74	-3.482e-003	-4.320e-003	-4.356e-004	-9.739e-003	1.898e-002	-5.376e-003
75	2.787e-003	-4.027e-003	3.153e-004	-1.012e-002	-2.528e-004	-2.118e-003
76	-1.411e-003	3.040e-003	-3.705e-003	3.056e-002	-1.496e-003	-1.976e-002
77	7.456e-003	2.975e-003	1.076e-002	1.558e-002	5.543e-003	-7.699e-003
78	3.456e-003	2.840e-003	7.042e-003	-2.477e-002	1.258e-002	1.971e-002

Vettori modali 69 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
79	-3.313e-003	2.638e-003	1.312e-004	1.615e-002	1.962e-002	-2.901e-003
80	-1.700e-004	2.670e-003	-6.537e-003	-2.444e-002	1.287e-002	-8.523e-003
81	2.838e-003	2.640e-003	-1.037e-002	1.509e-002	6.126e-003	-1.991e-003
82	2.319e-003	2.548e-003	4.416e-003	3.349e-002	-6.217e-004	7.102e-004
83	-2.043e-003	-6.587e-004	-6.611e-004	-1.774e-002	-6.299e-003	-1.854e-002
84	1.496e-003	-3.468e-003	4.822e-003	3.165e-002	-7.392e-003	-2.620e-003
85	-2.057e-003	-3.314e-003	-3.434e-003	2.910e-002	-5.160e-003	-8.991e-003
86	-2.248e-004	-3.352e-003	-1.110e-003	3.581e-002	1.463e-002	-1.103e-002
87	2.008e-003	-5.021e-004	8.369e-006	-2.001e-002	-7.047e-003	-1.255e-002
88	-4.393e-004	-3.748e-004	7.580e-004	-2.370e-002	1.469e-002	-1.116e-002
89	-2.945e-003	3.786e-003	-1.413e-003	-1.744e-002	-5.117e-003	-9.170e-003
90	8.736e-004	3.867e-003	-6.530e-003	1.660e-003	-1.149e-003	-5.512e-003
91	1.723e-003	3.856e-003	-4.890e-004	1.666e-002	2.818e-003	1.629e-003
92	1.237e-003	3.755e-003	1.960e-003	-1.449e-002	6.785e-003	-3.307e-003
93	-6.165e-004	3.741e-003	-3.185e-003	-3.944e-003	3.053e-003	7.272e-003
94	-2.570e-003	3.639e-003	-1.661e-003	7.324e-003	-6.784e-004	-1.651e-003
95	1.011e-003	3.451e-003	-7.185e-004	-9.720e-003	-4.410e-003	-1.098e-002
96	-2.824e-003	-7.759e-003	-2.835e-003	2.427e-002	-4.371e-003	2.083e-003
97	3.419e-003	-7.845e-003	1.002e-002	1.501e-002	-8.334e-004	-1.783e-002
98	7.226e-003	-7.747e-003	6.594e-003	-2.454e-002	2.704e-003	5.547e-003
99	1.401e-003	-7.466e-003	-2.278e-003	5.182e-003	6.241e-003	8.437e-003
100	-5.923e-003	-7.627e-003	-2.995e-003	-2.016e-003	2.918e-003	1.184e-002
101	-5.307e-003	-7.609e-003	-1.155e-003	1.000e-002	-4.049e-004	-1.328e-002
102	5.380e-004	-7.411e-003	5.585e-003	1.638e-002	-3.728e-003	3.465e-004
103	8.483e-004	5.286e-003	-8.312e-004	-7.344e-003	2.607e-003	-1.144e-004
104	5.916e-004	-6.494e-003	5.560e-003	3.963e-003	4.129e-003	2.395e-002
105	1.700e-003	-5.709e-003	-2.619e-003	1.164e-004	-1.551e-003	1.862e-002
106	1.625e-003	5.823e-003	2.409e-003	-1.617e-002	-7.122e-004	1.275e-003
107	-3.233e-003	-7.171e-003	-2.380e-003	8.659e-003	-2.026e-003	2.712e-002
108	-3.342e-003	5.936e-003	-1.978e-003	-1.192e-002	-2.274e-003	2.990e-003
109	1.223e-003	4.879e-003	2.382e-004	-3.870e-003	8.941e-003	8.913e-003
110	1.361e-003	-1.715e-003	-1.734e-003	-4.325e-003	-7.897e-003	2.417e-002
111	1.347e-003	5.887e-003	1.652e-003	-1.322e-002	-7.309e-003	1.106e-002
112	1.135e-003	-1.597e-003	4.295e-003	-1.278e-003	9.883e-003	2.924e-002
113	-3.335e-003	-1.952e-003	-2.217e-003	8.105e-004	-2.106e-004	3.217e-002
114	-3.396e-003	5.214e-003	-2.208e-003	-5.826e-003	-4.271e-004	1.174e-002
115	-3.348e-003	2.753e-003	-2.230e-003	-1.112e-004	4.228e-005	1.376e-002
116	2.540e-003	2.893e-003	-2.515e-004	6.603e-003	-3.105e-003	-2.501e-002
117	9.836e-003	2.964e-003	2.016e-003	6.091e-004	-6.252e-003	2.738e-003
118	1.152e-003	2.966e-003	-1.201e-005	-7.521e-003	-9.399e-003	2.286e-002
119	-6.999e-003	2.966e-003	-1.999e-003	7.213e-004	-2.508e-003	4.093e-003
120	-2.255e-003	2.897e-003	2.930e-004	6.568e-003	4.384e-003	-1.764e-002
121	1.422e-003	2.759e-003	2.228e-003	-2.024e-004	1.127e-002	1.310e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.369e-004	-2.065e-004	-9.987e-003	-1.720e-001	-8.729e-002	-3.272e-006
124	-3.868e-004	9.626e-005	3.031e-004	2.316e-002	-2.451e-003	-1.958e-006
125	-7.835e-003	-3.010e-004	1.685e-004	-1.299e-002	-7.168e-003	2.446e-006
126	-7.798e-003	1.919e-003	-1.132e-005	1.996e-001	-6.633e-003	2.924e-007
127	-7.825e-003	-8.713e-004	-2.769e-004	-2.148e-002	9.173e-003	7.062e-007
128	-9.534e-008	-3.940e-009	-3.846e-010	-7.803e-002	2.810e-002	1.520e-006
129	-1.237e-007	8.291e-009	-2.318e-010	-1.205e-004	-2.864e-002	-1.047e-006
130	-1.611e-004	6.514e-005	4.928e-006	3.180e-002	2.816e-002	3.106e-007
131	-4.767e-008	1.277e-008	1.158e-009	-1.599e-002	-2.861e-002	5.502e-007
132	-2.612e-003	-8.348e-005	-5.952e-002	-6.331e-002	-3.405e-001	-2.876e-007
133	-3.340e-003	2.441e-004	1.305e-003	-1.870e-002	-3.148e-002	1.962e-007

Vettori modali 69 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
134	-5.919e-003	6.795e-004	-6.261e-002	5.093e-002	-1.994e-001	5.654e-007
135	-6.574e-003	-7.615e-005	8.362e-004	1.676e-002	2.711e-002	-4.139e-007
136	-7.840e-003	4.116e-005	8.351e-005	2.642e-004	6.482e-003	-1.583e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-7.835e-003	-3.011e-004	1.685e-004	9.705e-003	-1.343e-002	-1.312e-006
139	-7.798e-003	1.919e-003	-1.133e-005	1.631e-001	-1.295e-002	-2.075e-007
140	-7.825e-003	-8.714e-004	-2.769e-004	1.284e-002	1.537e-002	-1.041e-006
141	-5.821e-004	1.400e-003	9.851e-003	-1.348e-001	7.131e-002	1.871e-006
142	-4.598e-004	-2.478e-003	-9.703e-005	-1.252e-002	-1.753e-002	8.789e-007
143	-7.840e-003	4.119e-005	8.351e-005	3.772e-004	1.268e-002	4.010e-007
144	-6.887e-003	2.008e-003	6.225e-002	8.591e-002	1.806e-001	-6.084e-007
145	-6.469e-003	-1.697e-003	-8.508e-004	-1.497e-002	5.717e-003	8.966e-007
146	-4.394e-003	1.822e-003	5.897e-002	-9.912e-002	3.733e-001	4.481e-008
147	-3.356e-003	-2.261e-003	-6.901e-004	1.558e-002	-3.086e-002	-7.757e-008
148	-4.873e-008	1.426e-003	-1.316e-009	-1.120e-001	8.770e-004	-2.198e-007
149	-7.889e-008	-5.365e-005	2.809e-010	-4.959e-004	-1.148e-003	7.840e-007
150	-7.799e-005	-7.763e-004	7.663e-006	-1.494e-002	9.866e-004	-2.367e-007
151	-2.669e-008	-2.477e-003	-1.005e-010	1.468e-002	-1.248e-003	-4.164e-007

Vettori modali 70 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-3.306e-003	-5.193e-004	6.325e-004	-3.362e-003	2.128e-002	-1.253e-006
2	-2.046e-003	6.319e-004	5.311e-004	7.777e-004	3.169e-002	-4.151e-007
3	-9.796e-004	-2.739e-004	8.659e-004	4.080e-004	1.888e-002	-1.152e-006
4	-7.931e-004	5.252e-004	-1.928e-004	9.693e-003	1.476e-002	2.078e-007
5	-2.550e-004	-4.781e-005	2.039e-004	2.433e-003	-3.450e-003	3.644e-003
6	-1.114e-004	1.565e-004	1.132e-002	1.397e-001	-2.742e-004	1.670e-003
7	-7.414e-004	2.826e-005	1.732e-004	1.939e-002	-5.275e-003	-3.459e-007
8	-9.987e-004	-1.678e-004	-5.777e-004	-1.405e-002	-1.154e-002	-1.039e-007
9	-1.882e-003	-2.177e-005	-4.785e-004	-5.722e-003	-5.021e-002	7.685e-007
10	-3.304e-003	-2.996e-004	-1.064e-003	8.469e-003	-3.343e-002	2.464e-006
11	-4.370e-003	-3.726e-004	7.535e-005	-4.967e-002	-2.862e-004	-2.504e-003
12	-4.353e-003	5.012e-004	1.497e-004	-5.169e-003	9.507e-004	-1.620e-004
13	-4.372e-003	-1.566e-003	3.537e-005	-1.477e-001	6.405e-004	3.929e-004
14	-2.323e-004	1.480e-003	-2.949e-004	3.567e-003	9.492e-003	-3.070e-003
15	-3.227e-004	-3.145e-004	-1.133e-002	1.397e-001	5.316e-003	-4.494e-003
16	0.000e+000	0.000e+000	0.000e+000	2.607e-003	-4.563e-005	2.622e-003
17	0.000e+000	0.000e+000	0.000e+000	5.132e-004	4.951e-005	6.548e-004
18	-1.057e-004	-5.261e-005	-9.118e-006	4.783e-002	1.947e-005	-5.768e-004
19	0.000e+000	0.000e+000	0.000e+000	1.425e-001	-4.000e-005	1.137e-003
20	-2.116e-003	-1.438e-004	1.599e-003	3.109e-003	-2.148e-003	4.064e-003
21	-1.999e-003	-4.888e-005	1.861e-004	2.344e-004	2.918e-002	4.857e-003
22	-1.228e-003	-4.713e-005	6.615e-002	9.130e-002	-3.635e-006	2.945e-003
23	-3.566e-003	4.870e-005	2.098e-003	-1.659e-003	-5.989e-004	2.379e-003
24	-3.768e-003	-5.411e-005	2.061e-004	-1.759e-004	3.862e-002	2.521e-003
25	-2.774e-003	-6.743e-004	6.864e-002	-8.506e-002	3.184e-004	3.883e-003
26	-4.373e-003	-4.750e-005	1.194e-006	-6.439e-004	-2.867e-004	-7.004e-004
27	-3.564e-003	9.903e-004	-2.045e-003	-2.424e-003	3.958e-003	-2.781e-003
28	-3.460e-003	-2.753e-005	-2.809e-004	-3.218e-004	-2.779e-002	-2.719e-003
29	-4.493e-003	-1.276e-003	-6.861e-002	-8.519e-002	2.287e-003	-1.576e-003
30	-1.806e-003	1.335e-003	-1.849e-003	2.870e-003	6.965e-003	-3.993e-003
31	-1.781e-003	1.612e-005	-2.721e-004	3.302e-004	-2.639e-002	-3.976e-003
32	-2.492e-003	-8.068e-004	-6.617e-002	9.127e-002	3.933e-003	-5.371e-003
33	0.000e+000	1.474e-003	0.000e+000	3.746e-003	9.807e-005	-2.743e-003
34	0.000e+000	1.054e-005	0.000e+000	7.236e-004	-8.093e-005	-2.137e-003
35	-4.817e-005	-2.485e-004	1.601e-005	4.801e-002	-3.996e-005	5.291e-005

Vettori modali 70 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
36	0.000e+000	-3.401e-004	0.000e+000	1.426e-001	9.280e-005	-3.294e-003
37	-1.385e-003	9.046e-003	2.942e-004	-1.876e-002	3.916e-004	1.582e-003
38	-1.806e-004	7.716e-002	9.933e-003	-2.358e-001	1.565e-004	-2.428e-004
39	-8.776e-004	1.706e-003	1.226e-004	1.806e-003	1.092e-002	-1.494e-003
40	-7.301e-004	-1.317e-001	7.664e-005	3.413e-001	1.145e-002	-4.388e-004
41	3.113e-003	6.847e-003	-3.928e-004	-1.061e-002	3.729e-004	3.970e-004
42	1.600e-003	7.836e-002	-1.007e-002	-2.395e-001	5.160e-004	-1.236e-003
43	8.213e-005	8.288e-003	3.768e-004	2.177e-002	3.939e-003	-4.797e-004
44	2.483e-007	1.056e-001	8.284e-003	1.603e-001	3.288e-004	-2.156e-003
45	3.177e-003	-8.659e-004	9.232e-005	6.280e-003	1.299e-003	-2.826e-003
46	3.400e-003	-1.557e-001	1.159e-004	-2.777e-001	9.538e-004	-1.270e-003
47	-3.243e-005	5.087e-003	-4.804e-004	1.686e-002	-9.765e-003	3.864e-003
48	3.407e-005	1.072e-001	-8.549e-003	1.629e-001	-5.205e-003	2.022e-003
49	9.294e-004	-2.790e-003	4.530e-004	-2.875e-004	-2.242e-003	-2.642e-003
50	-1.276e-004	7.590e-004	6.324e-003	1.797e-002	-1.098e-003	-4.162e-003
51	1.079e-003	-3.000e-003	-4.519e-003	-1.095e-002	-5.400e-003	2.357e-003
52	1.032e-003	-1.317e-003	-8.585e-002	-2.158e-001	-4.739e-003	7.785e-005
53	-5.878e-004	-3.138e-003	-5.020e-003	9.391e-003	-8.558e-003	2.830e-003
54	2.235e-005	-3.361e-003	-9.935e-002	1.754e-001	-8.379e-003	2.900e-003
55	-4.134e-004	-3.200e-003	5.796e-005	2.394e-003	-1.172e-002	-4.222e-003
56	-4.724e-004	-5.324e-003	1.539e-004	5.913e-002	-1.202e-002	-2.143e-003
57	2.139e-003	-3.223e-003	1.635e-003	1.746e-003	-7.403e-003	-2.905e-003
58	1.343e-003	-3.322e-003	1.014e-001	1.789e-001	-8.053e-003	-2.838e-003
59	9.385e-004	-3.169e-003	8.997e-004	-4.044e-003	-3.090e-003	7.275e-003
60	9.637e-004	-1.239e-003	8.760e-002	-2.204e-001	-4.087e-003	4.391e-003
61	-3.177e-003	-3.039e-003	-5.589e-004	5.245e-004	1.223e-003	7.500e-003
62	-1.839e-003	8.735e-004	-6.714e-003	1.729e-002	-1.214e-004	5.439e-003
63	-5.215e-004	-1.075e-002	6.553e-003	1.297e-002	-4.046e-004	-8.890e-003
64	-4.949e-003	-1.775e-002	1.339e-004	-1.294e-002	-1.855e-003	-3.389e-003
65	-1.514e-006	-1.064e-002	-7.086e-003	1.335e-002	5.891e-003	4.450e-004
66	-1.115e-003	2.551e-003	6.195e-004	-1.424e-002	-4.611e-003	-1.103e-002
67	-4.948e-003	2.239e-003	1.075e-004	-1.616e-002	-2.250e-003	-4.456e-003
68	6.974e-004	2.289e-003	-6.404e-004	-1.478e-002	1.115e-002	-1.570e-003
69	-1.339e-003	-3.284e-003	9.142e-003	2.784e-002	6.033e-003	2.056e-004
70	-5.430e-004	-3.370e-003	1.174e-002	-2.310e-002	2.377e-003	-3.665e-003
71	-8.764e-004	-3.579e-003	6.627e-003	-3.827e-002	-2.004e-003	-1.386e-002
72	5.451e-003	-3.509e-003	-1.215e-002	-2.270e-002	1.894e-003	-5.481e-003
73	2.572e-003	-3.354e-003	-9.206e-003	2.874e-002	5.791e-003	1.393e-002
74	-1.733e-003	-3.119e-003	1.096e-004	-1.455e-002	9.688e-003	-4.699e-003
75	1.700e-003	-3.374e-003	-7.298e-003	-3.965e-002	-1.278e-003	-4.805e-003
76	-2.736e-003	5.013e-003	7.790e-004	7.704e-003	-2.388e-003	-1.986e-002
77	3.418e-003	5.109e-003	1.309e-003	-4.555e-003	1.602e-003	-3.182e-003
78	7.645e-004	5.082e-003	-1.410e-003	-3.358e-003	5.591e-003	1.040e-002
79	-1.899e-003	4.933e-003	1.568e-004	1.068e-002	9.581e-003	-4.702e-003
80	2.441e-004	5.008e-003	1.698e-003	-3.728e-003	6.104e-003	-3.936e-003
81	1.670e-003	4.962e-003	-1.316e-003	-5.105e-003	2.628e-003	-2.169e-003
82	3.986e-003	4.796e-003	-7.099e-004	8.885e-003	-8.491e-004	-1.110e-002
83	-1.460e-003	3.695e-003	6.433e-003	-3.556e-002	-4.325e-003	-5.996e-003
84	3.223e-003	8.053e-004	-4.352e-004	2.060e-002	-6.401e-003	-1.785e-002
85	-3.161e-003	8.712e-004	1.024e-003	1.951e-002	-2.618e-003	-2.060e-002
86	-2.745e-004	5.338e-004	-4.991e-004	2.700e-002	8.268e-003	-1.192e-002
87	1.145e-003	3.764e-003	-7.607e-003	-3.679e-002	-4.156e-003	-3.026e-003
88	-1.170e-004	3.610e-003	7.568e-004	-4.069e-002	8.111e-003	-1.539e-002
89	-2.241e-003	8.716e-003	5.861e-003	-2.812e-002	-5.777e-003	2.826e-003
90	5.089e-003	8.823e-003	-9.220e-003	-2.032e-002	-2.654e-003	-1.991e-002

Vettori modali 70 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
91	8.373e-003	8.718e-003	-7.815e-003	2.274e-002	4.692e-004	9.547e-003
92	8.050e-004	8.403e-003	1.432e-003	-3.116e-003	3.592e-003	8.875e-003
93	-7.618e-003	8.668e-003	6.777e-003	1.123e-002	2.647e-003	1.317e-002
94	-6.194e-003	8.725e-003	4.895e-003	-1.984e-002	1.703e-003	-1.720e-002
95	8.093e-004	8.572e-003	-7.908e-003	-2.494e-002	7.578e-004	2.221e-003
96	-3.469e-003	-4.018e-003	1.338e-003	1.653e-002	-1.742e-003	-1.241e-002
97	1.603e-003	-4.145e-003	4.998e-003	-4.167e-003	1.657e-004	-6.607e-003
98	2.044e-003	-4.172e-003	-7.193e-004	-1.290e-002	2.074e-003	3.895e-003
99	6.917e-004	-4.099e-003	-1.201e-003	1.649e-002	3.981e-003	-3.198e-003
100	-1.358e-003	-4.121e-003	2.004e-003	-2.376e-003	1.220e-003	6.926e-003
101	-2.505e-003	-4.044e-003	-9.758e-004	-5.560e-003	-1.541e-003	-4.243e-003
102	2.291e-003	-3.870e-003	2.072e-004	1.323e-002	-4.303e-003	-1.308e-002
103	1.405e-003	7.764e-003	-7.231e-003	-8.387e-003	8.378e-003	2.982e-002
104	2.079e-003	-6.154e-003	3.554e-004	9.420e-003	2.117e-003	1.874e-004
105	9.114e-004	-6.493e-003	-1.455e-003	1.893e-002	-5.340e-004	9.669e-004
106	9.620e-004	6.310e-003	1.611e-003	1.449e-003	-1.104e-003	2.001e-002
107	-3.599e-003	-6.441e-003	1.601e-003	1.135e-002	-1.641e-003	1.526e-003
108	-3.032e-003	8.045e-003	4.948e-003	-1.024e-002	-6.643e-003	3.111e-002
109	2.241e-003	1.974e-003	-5.330e-003	-4.926e-004	1.293e-002	3.530e-002
110	7.370e-004	-6.711e-003	-9.871e-004	1.561e-002	-4.441e-003	1.207e-002
111	7.468e-004	1.869e-003	1.057e-003	5.680e-003	-4.829e-003	2.670e-002
112	2.415e-003	-5.646e-003	-6.792e-004	4.565e-003	9.122e-003	1.069e-002
113	-3.703e-003	-5.791e-003	2.027e-003	5.388e-003	-3.131e-003	1.193e-002
114	-3.549e-003	2.116e-003	3.842e-003	-1.287e-003	-6.122e-003	3.651e-002
115	-3.724e-003	-3.167e-003	2.802e-003	-3.176e-004	-4.931e-003	1.508e-002
116	2.953e-003	-3.333e-003	4.434e-004	-7.734e-003	-5.168e-003	-2.782e-002
117	1.082e-002	-3.418e-003	-2.278e-003	-9.479e-004	-5.406e-003	4.040e-003
118	6.179e-004	-3.420e-003	1.629e-005	8.818e-003	-5.643e-003	2.646e-002
119	-9.440e-003	-3.418e-003	2.284e-003	-1.042e-003	5.265e-004	5.109e-003
120	-2.982e-003	-3.332e-003	-4.761e-004	-7.770e-003	6.696e-003	-2.408e-002
121	2.607e-003	-3.167e-003	-2.833e-003	-3.104e-004	1.287e-002	1.486e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.550e-004	-4.786e-005	2.039e-004	-9.688e-003	7.857e-003	-1.505e-006
124	-1.114e-004	1.565e-004	1.132e-002	1.722e-001	-1.110e-001	-1.824e-006
125	-4.370e-003	-3.726e-004	7.535e-005	2.508e-003	-1.033e-002	1.720e-006
126	-4.353e-003	5.012e-004	1.497e-004	6.798e-003	-9.280e-003	1.402e-007
127	-4.372e-003	-1.566e-003	3.537e-005	-1.962e-001	1.054e-002	3.916e-007
128	-4.866e-008	-5.468e-009	-5.576e-010	1.491e-002	8.397e-003	6.170e-007
129	-7.264e-008	-7.312e-009	2.157e-010	5.391e-004	-8.703e-003	-5.796e-007
130	-1.057e-004	-5.262e-005	-9.118e-006	9.304e-003	8.743e-003	1.278e-007
131	-4.028e-008	4.165e-009	3.650e-010	1.109e-001	-9.354e-003	7.441e-007
132	-2.116e-003	-1.438e-004	1.599e-003	1.652e-002	6.313e-002	-4.749e-008
133	-1.228e-003	-4.707e-005	6.615e-002	8.845e-002	-2.589e-001	-1.700e-007
134	-3.566e-003	4.865e-005	2.098e-003	-1.450e-002	-3.319e-002	4.665e-007
135	-2.774e-003	-6.743e-004	6.864e-002	-7.845e-002	-3.619e-001	-4.844e-007
136	-4.373e-003	-4.752e-005	1.194e-006	-6.530e-004	9.761e-003	-9.764e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-4.370e-003	-3.726e-004	7.535e-005	8.561e-003	-6.831e-004	-2.575e-007
139	-4.353e-003	5.013e-004	1.497e-004	-1.350e-002	4.283e-004	-3.511e-007
140	-4.372e-003	-1.566e-003	3.537e-005	-1.800e-001	8.882e-004	-1.309e-007
141	-2.323e-004	1.480e-003	-2.949e-004	1.105e-002	-2.041e-002	7.446e-007
142	-3.228e-004	-3.145e-004	-1.133e-002	1.565e-001	1.045e-001	6.043e-007
143	-4.373e-003	-4.749e-005	1.194e-006	-7.944e-004	1.209e-005	1.160e-007
144	-3.564e-003	9.903e-004	-2.045e-003	4.649e-003	2.276e-002	3.773e-007
145	-4.493e-003	-1.276e-003	-6.861e-002	-9.459e-002	3.788e-001	-1.182e-007

Vettori modali 70 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
146	-1.806e-003	1.335e-003	-1.849e-003	-3.820e-003	-4.539e-002	1.501e-008
147	-2.492e-003	-8.068e-004	-6.617e-002	1.045e-001	2.360e-001	-4.027e-007
148	-2.381e-008	1.474e-003	4.797e-010	-3.286e-003	8.162e-003	-2.876e-007
149	-3.554e-008	1.055e-005	-3.814e-010	7.720e-004	-8.281e-003	4.739e-007
150	-4.819e-005	-2.485e-004	1.601e-005	-1.090e-002	7.851e-003	-3.373e-007
151	-1.016e-008	-3.401e-004	1.224e-009	1.275e-001	-7.721e-003	1.803e-007

Vettori modali 71 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	6.608e-003	1.091e-003	5.616e-004	1.832e-002	3.545e-002	9.959e-007
2	4.120e-003	-1.516e-003	-7.605e-004	-1.382e-002	2.886e-002	2.636e-007
3	2.196e-003	1.058e-003	2.759e-004	-2.480e-002	2.665e-002	-3.740e-007
4	1.679e-003	-1.103e-003	-1.247e-004	2.571e-002	-3.182e-003	-5.960e-007
5	4.684e-004	1.437e-004	6.185e-003	7.444e-002	1.557e-001	-6.448e-003
6	5.188e-004	-1.311e-004	-5.114e-003	-6.166e-002	1.634e-001	-7.016e-003
7	1.454e-003	-9.339e-005	-1.562e-005	-2.024e-002	-8.031e-003	7.432e-007
8	1.906e-003	1.380e-004	5.342e-007	2.028e-002	2.018e-002	-1.578e-007
9	3.750e-003	-3.975e-005	-6.855e-004	1.107e-002	2.460e-002	-8.517e-007
10	6.280e-003	1.057e-004	6.063e-004	-1.365e-002	3.300e-002	-3.430e-006
11	8.083e-003	3.743e-004	-4.633e-003	-4.334e-004	1.884e-002	2.114e-003
12	7.880e-003	-1.187e-003	7.154e-003	1.098e-003	-8.539e-003	4.907e-004
13	7.874e-003	1.109e-003	-8.354e-003	-1.273e-003	-6.627e-003	3.451e-004
14	6.330e-004	-3.552e-003	6.179e-003	-7.437e-002	1.488e-001	8.042e-003
15	6.772e-004	3.412e-003	-5.134e-003	6.191e-002	1.565e-001	8.512e-003
16	0.000e+000	0.000e+000	0.000e+000	7.874e-002	1.289e-003	-4.910e-003
17	0.000e+000	0.000e+000	0.000e+000	4.022e-003	-6.850e-004	-1.532e-003
18	1.798e-004	5.178e-005	1.427e-004	-1.900e-002	-4.550e-004	1.585e-003
19	0.000e+000	0.000e+000	0.000e+000	-6.505e-002	1.349e-003	-5.450e-003
20	3.426e-003	2.189e-004	2.908e-002	2.591e-002	1.071e-001	-7.160e-003
21	3.700e-003	-1.687e-006	1.584e-003	1.462e-003	-2.761e-002	-8.848e-003
22	3.471e-003	-2.091e-004	-2.448e-002	-2.324e-002	1.131e-001	-7.078e-003
23	6.577e-003	-2.720e-004	2.372e-002	-3.964e-002	4.929e-002	-5.013e-003
24	6.928e-003	-2.748e-005	1.278e-003	-2.458e-003	-2.422e-002	-4.641e-003
25	6.667e-003	2.332e-004	-2.118e-002	3.032e-002	5.325e-002	-4.922e-003
26	8.119e-003	-1.890e-005	2.136e-004	-1.357e-005	2.107e-002	9.028e-004
27	6.747e-003	-2.203e-003	2.435e-002	3.981e-002	4.686e-002	4.301e-003
28	7.226e-003	-1.744e-005	1.269e-003	2.458e-003	-2.517e-002	3.607e-003
29	6.895e-003	2.097e-003	-2.196e-002	-3.067e-002	5.081e-002	4.276e-003
30	3.765e-003	-3.080e-003	2.937e-002	-2.701e-002	1.023e-001	6.996e-003
31	4.131e-003	-4.053e-005	1.582e-003	-1.436e-003	-3.994e-002	8.595e-003
32	3.798e-003	2.952e-003	-2.493e-002	2.453e-002	1.082e-001	7.009e-003
33	0.000e+000	-3.537e-003	0.000e+000	-7.867e-002	1.240e-003	7.541e-003
34	0.000e+000	-1.252e-005	0.000e+000	-4.030e-003	-6.710e-004	5.373e-003
35	1.002e-004	1.003e-003	1.393e-004	1.908e-002	-4.414e-004	3.800e-003
36	0.000e+000	3.411e-003	0.000e+000	6.530e-002	1.303e-003	8.061e-003
37	5.271e-002	1.419e-002	1.168e-002	-7.177e-002	-1.012e-002	-9.682e-003
38	5.534e-002	-1.248e-002	-9.358e-003	6.072e-002	-1.065e-002	-9.849e-003
39	-4.785e-002	-3.379e-003	-1.135e-003	1.515e-003	-9.979e-002	1.077e-003
40	-5.067e-002	3.329e-003	-1.628e-003	-1.553e-003	-1.058e-001	9.765e-004
41	5.050e-002	-2.031e-002	1.156e-002	7.190e-002	-9.976e-003	1.032e-002
42	5.312e-002	1.870e-002	-9.265e-003	-6.160e-002	-1.050e-002	1.040e-002
43	-6.828e-003	3.036e-002	1.683e-002	2.844e-002	-1.597e-001	-1.292e-002
44	-7.151e-003	-2.574e-002	-1.332e-002	-2.507e-002	-1.676e-001	-1.268e-002
45	-3.603e-002	-8.631e-004	-9.391e-003	-9.135e-003	1.399e-001	1.664e-003
46	-3.831e-002	8.526e-004	5.146e-003	9.045e-003	1.480e-001	1.608e-003
47	-6.573e-003	-3.118e-002	1.659e-002	-4.477e-002	-1.528e-001	1.259e-002

Vettori modali 71 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
48	-6.892e-003	2.684e-002	-1.312e-002	4.167e-002	-1.606e-001	1.229e-002
49	-4.067e-002	4.236e-003	2.169e-002	7.250e-003	8.767e-002	-1.631e-002
50	-4.251e-002	-3.871e-003	-1.705e-002	-3.321e-003	9.265e-002	-1.565e-002
51	-2.256e-002	3.518e-003	-9.409e-003	-9.367e-002	6.491e-002	-7.612e-002
52	-2.415e-002	-3.273e-003	1.206e-002	8.129e-002	6.896e-002	-7.939e-002
53	2.141e-002	2.702e-003	-3.483e-002	9.155e-003	4.216e-002	-7.263e-002
54	2.232e-002	-2.585e-003	3.069e-002	-1.927e-002	4.527e-002	-7.771e-002
55	3.493e-002	1.811e-003	-1.775e-002	4.205e-003	1.941e-002	2.279e-003
56	3.706e-002	-1.825e-003	1.209e-002	-4.032e-003	2.159e-002	2.270e-003
57	2.009e-002	9.739e-004	-3.273e-002	-1.028e-002	4.124e-002	7.220e-002
58	2.100e-002	-1.117e-003	2.875e-002	2.052e-002	4.435e-002	7.728e-002
59	-2.225e-002	1.102e-004	-9.679e-003	8.807e-002	6.308e-002	7.136e-002
60	-2.384e-002	-3.784e-004	1.239e-002	-7.613e-002	6.710e-002	7.462e-002
61	-3.870e-002	-7.566e-004	2.134e-002	6.904e-004	8.491e-002	1.497e-002
62	-4.053e-002	3.707e-004	-1.674e-002	-4.314e-003	8.986e-002	1.427e-002
63	4.464e-002	3.036e-003	-2.024e-002	-1.560e-002	1.637e-001	1.846e-004
64	-1.887e-002	3.494e-003	1.643e-002	-1.024e-002	-1.637e-001	3.936e-003
65	4.341e-002	4.203e-003	-1.981e-002	-5.044e-003	1.568e-001	7.543e-003
66	4.194e-002	-3.093e-003	2.571e-002	1.464e-002	1.548e-001	1.419e-004
67	-1.813e-002	-3.548e-003	-2.298e-002	1.020e-002	-1.534e-001	3.995e-003
68	4.072e-002	-4.265e-003	2.524e-002	5.987e-003	1.479e-001	7.679e-003
69	-2.666e-002	3.331e-003	1.760e-002	-3.855e-002	2.757e-002	-9.115e-002
70	2.761e-002	3.173e-003	-1.086e-002	-5.563e-002	-6.776e-002	-9.066e-002
71	4.680e-002	3.747e-003	-2.300e-002	1.661e-002	-1.684e-001	1.683e-002
72	2.600e-002	3.733e-003	-8.128e-003	4.773e-002	-7.132e-002	8.904e-002
73	-2.565e-002	3.615e-003	1.459e-002	3.070e-002	2.579e-002	8.616e-002
74	-4.332e-002	3.397e-003	2.051e-002	1.100e-002	1.229e-001	5.688e-003
75	4.486e-002	2.927e-003	-2.246e-002	7.182e-003	-1.631e-001	4.727e-004
76	4.255e-002	-3.680e-003	2.918e-002	-1.472e-002	-1.667e-001	1.744e-002
77	2.319e-002	-3.688e-003	1.456e-002	-5.623e-002	-6.948e-002	8.047e-002
78	-2.310e-002	-3.594e-003	-1.657e-002	-5.031e-002	2.770e-002	7.681e-002
79	-3.889e-002	-3.401e-003	-2.781e-002	-1.107e-002	1.249e-001	5.799e-003
80	-2.415e-002	-3.360e-003	-1.957e-002	5.826e-002	2.948e-002	-8.187e-002
81	2.483e-002	-3.227e-003	1.733e-002	6.409e-002	-6.592e-002	-8.219e-002
82	4.064e-002	-3.004e-003	2.860e-002	-9.335e-003	-1.613e-001	1.075e-005
83	7.764e-003	-6.301e-004	-3.959e-002	2.167e-002	-2.485e-001	9.194e-003
84	3.584e-003	4.474e-004	4.482e-002	-2.118e-002	-2.347e-001	8.684e-003
85	4.157e-003	6.039e-004	4.598e-002	-2.069e-002	-2.436e-001	1.106e-002
86	-3.924e-003	5.338e-004	-4.345e-002	-2.214e-002	2.416e-001	1.083e-002
87	7.165e-003	-3.468e-004	-3.848e-002	1.996e-002	-2.396e-001	1.049e-002
88	-8.104e-003	-4.974e-004	3.579e-002	2.204e-002	2.455e-001	1.071e-002
89	-2.370e-002	-4.526e-003	-6.372e-002	2.247e-002	-1.391e-001	-5.323e-004
90	-1.804e-002	-4.521e-003	-3.648e-002	1.195e-001	-4.743e-002	-4.052e-002
91	1.083e-002	-4.391e-003	3.427e-002	1.207e-001	4.422e-002	-5.626e-002
92	2.340e-002	-4.139e-003	6.021e-002	1.056e-002	1.359e-001	2.967e-003
93	1.007e-002	-4.064e-003	3.678e-002	-1.288e-001	4.613e-002	5.397e-002
94	-1.712e-002	-3.877e-003	-3.918e-002	-1.251e-001	-4.361e-002	3.795e-002
95	-2.311e-002	-3.582e-003	-6.171e-002	4.955e-003	-1.333e-001	4.540e-003
96	-2.618e-002	4.460e-003	6.944e-002	-1.965e-002	-1.298e-001	1.031e-003
97	-1.993e-002	4.492e-003	4.232e-002	-1.283e-001	-4.470e-002	-4.582e-002
98	1.247e-002	4.400e-003	-3.652e-002	-1.388e-001	4.045e-002	-6.270e-002
99	2.641e-002	4.185e-003	-6.720e-002	-1.051e-002	1.256e-001	2.910e-003
100	1.174e-002	4.150e-003	-3.898e-002	1.470e-001	4.234e-002	6.041e-002
101	-1.901e-002	4.000e-003	4.503e-002	1.337e-001	-4.091e-002	4.332e-002
102	-2.557e-002	3.739e-003	6.738e-002	-7.834e-003	-1.242e-001	2.789e-003

Vettori modali 71 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
103	-2.839e-002	-3.958e-003	-6.793e-002	2.870e-003	4.985e-002	-5.387e-003
104	-2.946e-002	4.140e-003	7.199e-002	-4.959e-003	6.173e-002	-7.018e-003
105	3.003e-002	4.644e-003	-7.140e-002	-5.848e-003	-6.660e-002	-8.748e-003
106	2.868e-002	-4.631e-003	6.632e-002	5.992e-003	-5.203e-002	-8.542e-003
107	-3.036e-002	5.396e-003	7.440e-002	-1.158e-002	6.284e-002	-1.177e-002
108	-2.929e-002	-5.549e-003	-7.030e-002	1.384e-002	5.086e-002	-1.294e-002
109	-1.910e-002	-2.494e-003	-4.448e-002	8.415e-004	2.047e-001	-1.211e-002
110	1.966e-002	2.743e-003	-4.562e-002	-2.155e-003	-2.122e-001	-1.503e-002
111	1.938e-002	-2.779e-003	4.267e-002	2.314e-003	-2.027e-001	-1.484e-002
112	-1.932e-002	2.559e-003	4.680e-002	-2.353e-003	2.123e-001	-1.320e-002
113	-1.992e-002	3.224e-003	4.844e-002	-4.583e-003	2.195e-001	-1.824e-002
114	-1.970e-002	-3.355e-003	-4.609e-002	6.328e-003	2.118e-001	-1.893e-002
115	-1.378e-002	-4.933e-005	8.133e-004	6.715e-004	2.647e-001	-1.523e-002
116	-9.945e-003	-4.395e-005	7.300e-004	-1.627e-003	9.694e-002	-1.522e-002
117	3.069e-003	-3.734e-005	-4.865e-004	-2.403e-003	-7.083e-002	-3.068e-002
118	1.390e-002	-2.971e-005	-1.035e-003	5.588e-005	-2.386e-001	-1.318e-002
119	7.846e-003	-2.284e-005	-4.654e-004	2.374e-003	-7.395e-002	3.776e-002
120	-1.219e-002	-1.535e-005	7.192e-004	1.564e-003	9.071e-002	2.751e-002
121	-1.337e-002	-7.422e-006	8.033e-004	-5.877e-004	2.554e-001	-1.332e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	4.684e-004	1.438e-004	6.185e-003	1.096e-001	5.812e-002	3.666e-006
124	5.188e-004	-1.311e-004	-5.114e-003	-8.493e-002	3.098e-002	2.819e-006
125	8.083e-003	3.742e-004	-4.634e-003	-1.387e-002	2.758e-002	-2.483e-006
126	7.880e-003	-1.187e-003	7.154e-003	-4.609e-002	5.986e-003	-6.236e-007
127	7.874e-003	1.109e-003	-8.354e-003	3.145e-002	-1.169e-002	-9.802e-007
128	1.069e-007	9.758e-009	1.027e-009	4.500e-002	-1.919e-002	-1.566e-006
129	1.405e-007	1.614e-009	-9.074e-011	4.891e-003	1.983e-002	1.180e-006
130	1.799e-004	5.178e-005	1.427e-004	-2.150e-002	-2.077e-002	-2.735e-007
131	6.232e-008	-1.666e-008	-1.545e-009	-4.241e-002	2.209e-002	-7.511e-007
132	3.426e-003	2.189e-004	2.908e-002	-1.074e-003	1.504e-001	7.330e-008
133	3.471e-003	-2.092e-004	-2.448e-002	-6.861e-003	1.017e-001	-7.248e-008
134	6.577e-003	-2.719e-004	2.372e-002	-2.035e-002	8.830e-002	-4.501e-007
135	6.667e-003	2.331e-004	-2.118e-002	2.011e-002	8.653e-002	4.941e-007
136	8.119e-003	-1.887e-005	2.136e-004	-1.777e-003	1.377e-002	1.683e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	8.083e-003	3.743e-004	-4.634e-003	9.543e-003	2.841e-002	4.513e-007
139	7.880e-003	-1.187e-003	7.154e-003	3.846e-002	6.770e-003	1.068e-006
140	7.874e-003	1.109e-003	-8.354e-003	-2.998e-002	-1.242e-002	1.487e-006
141	6.329e-004	-3.552e-003	6.179e-003	-9.968e-002	4.988e-002	-1.853e-006
142	6.772e-004	3.412e-003	-5.134e-003	8.119e-002	2.241e-002	-1.205e-006
143	8.119e-003	-1.892e-005	2.136e-004	1.780e-003	1.311e-002	1.457e-007
144	6.747e-003	-2.203e-003	2.435e-002	3.040e-002	9.104e-002	-1.910e-006
145	6.895e-003	2.097e-003	-2.196e-002	-2.454e-002	8.798e-002	-9.282e-007
146	3.765e-003	-3.080e-003	2.937e-002	-1.042e-002	1.493e-001	1.939e-007
147	3.798e-003	2.952e-003	-2.493e-002	1.275e-002	9.784e-002	-5.437e-009
148	5.921e-008	-3.537e-003	-8.713e-010	-5.547e-002	-1.766e-002	7.421e-007
149	8.389e-008	-1.251e-005	-1.081e-010	-4.919e-003	1.806e-002	-1.159e-006
150	1.003e-004	1.003e-003	1.393e-004	2.260e-002	-1.912e-002	2.597e-007
151	3.243e-008	3.411e-003	1.715e-010	4.749e-002	2.012e-002	4.999e-007

Vettori modali 72 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	3.217e-003	-1.719e-004	1.274e-004	-3.744e-004	2.666e-003	2.695e-006
2	1.897e-003	5.001e-005	-2.331e-005	-3.455e-003	6.580e-003	1.048e-006
3	9.690e-004	-1.512e-004	-1.080e-004	-7.576e-004	1.987e-003	5.940e-007
4	7.269e-004	3.261e-005	-7.993e-005	3.637e-003	-4.750e-003	-3.916e-007

Vettori modali 72 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
5	1.213e-004	1.739e-004	7.453e-004	9.093e-003	-5.061e-002	-1.911e-003
6	1.184e-004	-1.808e-004	-9.589e-004	-1.174e-002	-5.048e-002	-1.885e-003
7	5.598e-004	1.882e-005	2.261e-004	-6.067e-003	-2.210e-003	1.449e-007
8	7.551e-004	-6.551e-005	-1.584e-004	8.128e-003	-1.391e-003	-3.122e-007
9	1.569e-003	1.557e-004	-1.422e-004	9.241e-004	1.156e-002	-4.884e-007
10	2.778e-003	-2.805e-004	2.938e-004	-5.787e-003	1.211e-002	-1.333e-006
11	4.025e-003	-1.754e-004	-3.599e-004	1.144e-002	1.334e-003	-6.445e-004
12	4.020e-003	5.137e-004	5.183e-004	-3.038e-002	-6.773e-004	-8.270e-004
13	4.033e-003	-5.692e-004	-5.616e-004	3.423e-002	-7.468e-004	-1.028e-003
14	2.691e-004	1.563e-004	2.024e-004	-2.332e-003	6.796e-002	3.757e-003
15	2.774e-004	-2.705e-004	3.115e-004	-3.918e-003	6.972e-002	3.817e-003
16	0.000e+000	0.000e+000	0.000e+000	9.427e-003	-4.167e-004	-1.129e-003
17	0.000e+000	0.000e+000	0.000e+000	2.288e-004	2.179e-004	-1.078e-003
18	6.193e-005	-1.225e-004	-4.596e-005	-3.883e-003	1.460e-004	1.396e-004
19	0.000e+000	0.000e+000	0.000e+000	-1.211e-002	-4.254e-004	-1.044e-003
20	1.499e-003	4.741e-004	8.030e-003	1.852e-002	-3.584e-002	-3.666e-003
21	1.525e-003	-2.152e-005	9.007e-005	7.975e-005	-4.049e-003	-3.701e-003
22	1.460e-003	-4.824e-004	-9.266e-003	-2.022e-002	-3.577e-002	-3.603e-003
23	3.046e-003	5.903e-004	1.165e-002	-8.303e-003	-1.826e-002	-2.659e-003
24	3.096e-003	-3.111e-005	6.249e-005	-1.741e-004	-1.174e-002	-2.695e-003
25	3.013e-003	-6.206e-004	-1.299e-002	9.553e-003	-1.826e-002	-2.702e-003
26	4.029e-003	-4.132e-005	-6.187e-006	3.859e-005	1.566e-003	-5.423e-004
27	3.500e-003	1.536e-004	-7.975e-003	-2.094e-003	2.349e-002	2.304e-003
28	3.469e-003	-2.171e-005	9.195e-005	2.003e-004	-2.923e-003	2.306e-003
29	3.641e-003	-2.292e-004	1.018e-002	5.700e-003	2.407e-002	2.422e-003
30	1.980e-003	1.750e-005	-3.533e-003	1.445e-002	4.766e-002	3.855e-003
31	1.829e-003	-3.624e-005	1.169e-004	-1.116e-004	-1.150e-003	4.520e-003
32	1.930e-003	-1.283e-004	6.100e-003	-1.706e-002	4.888e-002	3.962e-003
33	0.000e+000	1.479e-004	0.000e+000	-2.628e-003	5.566e-004	2.781e-003
34	0.000e+000	-3.141e-005	0.000e+000	-2.978e-004	-2.864e-004	4.253e-004
35	9.145e-005	-1.512e-004	5.988e-005	-1.493e-003	-1.922e-004	-1.243e-003
36	0.000e+000	-2.566e-004	0.000e+000	-3.882e-003	5.713e-004	2.852e-003
37	-1.677e-002	5.256e-002	-4.933e-005	-9.318e-002	3.826e-003	2.352e-003
38	-1.673e-002	-5.320e-002	-9.970e-005	9.592e-002	3.825e-003	2.505e-003
39	-1.374e-003	4.826e-002	-1.120e-004	-5.978e-002	-1.395e-002	-1.256e-002
40	-1.675e-003	-4.668e-002	-1.355e-004	5.446e-002	-1.445e-002	-1.275e-002
41	2.283e-002	5.043e-002	1.781e-003	-8.235e-002	-5.872e-003	7.567e-003
42	2.342e-002	-5.155e-002	-1.022e-003	8.788e-002	-6.022e-003	7.793e-003
43	2.896e-003	3.561e-002	-8.424e-004	1.475e-001	5.222e-002	6.616e-003
44	2.894e-003	-3.674e-002	7.626e-004	-1.490e-001	5.211e-002	6.896e-003
45	-4.370e-003	2.185e-002	-7.388e-004	1.394e-001	5.323e-003	-2.429e-002
46	-4.549e-003	-1.967e-002	2.949e-004	-1.356e-001	6.202e-003	-2.447e-002
47	-4.006e-003	3.112e-002	3.303e-003	1.429e-001	-7.054e-002	1.138e-002
48	-4.103e-003	-3.343e-002	-2.325e-003	-1.454e-001	-7.234e-002	1.177e-002
49	1.459e-002	-2.911e-002	-1.646e-003	-2.214e-002	-2.424e-002	1.109e-002
50	1.458e-002	2.912e-002	1.641e-003	2.187e-002	-2.410e-002	1.150e-002
51	1.996e-003	-3.063e-002	-4.134e-003	1.093e-002	-1.345e-002	3.495e-002
52	1.864e-003	3.066e-002	5.346e-003	-8.414e-003	-1.338e-002	3.490e-002
53	-9.387e-003	-3.128e-002	3.284e-003	9.672e-003	-2.664e-003	1.105e-003
54	-9.353e-003	3.132e-002	-2.257e-003	-1.292e-002	-2.648e-003	6.177e-004
55	1.557e-003	-3.103e-002	-1.372e-003	-3.211e-002	8.121e-003	-3.659e-002
56	1.767e-003	3.108e-002	7.364e-004	3.088e-002	8.080e-003	-3.676e-002
57	1.191e-002	-3.141e-002	-7.779e-003	9.763e-003	1.717e-002	6.388e-003
58	1.212e-002	3.142e-002	5.542e-003	-1.128e-002	1.750e-002	6.790e-003
59	-3.620e-003	-3.089e-002	3.402e-003	2.331e-002	2.623e-002	4.385e-002

Vettori modali 72 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
60	-3.764e-003	3.085e-002	-4.236e-003	-1.728e-002	2.692e-002	4.466e-002
61	-1.920e-002	-2.949e-002	4.791e-003	-2.335e-002	3.528e-002	1.537e-002
62	-1.965e-002	2.940e-002	-3.613e-003	2.238e-002	3.634e-002	1.594e-002
63	-1.047e-002	-4.434e-002	2.341e-003	1.637e-001	-5.106e-002	-5.806e-002
64	1.058e-003	-4.289e-002	1.024e-003	1.625e-001	-8.075e-003	-5.937e-002
65	1.590e-002	-4.426e-002	-4.653e-003	1.641e-001	7.006e-002	-5.863e-002
66	-1.055e-002	4.476e-002	-2.311e-003	-1.642e-001	-5.118e-002	-5.858e-002
67	1.266e-003	4.316e-002	-1.779e-003	-1.622e-001	-6.938e-003	-6.029e-002
68	1.535e-002	4.469e-002	5.999e-003	-1.646e-001	6.803e-002	-5.928e-002
69	4.322e-003	-5.238e-002	-1.828e-002	5.453e-002	-1.864e-002	3.687e-002
70	-1.192e-002	-5.210e-002	1.945e-002	4.733e-002	-4.032e-002	4.450e-004
71	-1.417e-002	-5.017e-002	3.006e-003	-1.639e-001	4.340e-002	-1.312e-001
72	1.288e-002	-5.199e-002	-2.061e-002	5.374e-002	2.995e-002	1.307e-002
73	-8.130e-003	-5.233e-002	2.035e-002	5.887e-002	1.649e-002	4.063e-002
74	-1.701e-003	-5.116e-002	1.295e-003	-1.504e-001	3.032e-003	-8.314e-002
75	1.984e-002	-5.032e-002	-5.605e-003	-1.635e-001	-6.199e-002	-1.370e-001
76	-1.423e-002	5.030e-002	-2.941e-003	1.655e-001	4.355e-002	-1.318e-001
77	1.285e-002	5.212e-002	2.152e-002	-5.325e-002	3.005e-002	1.330e-002
78	-8.172e-003	5.245e-002	-2.017e-002	-6.170e-002	1.655e-002	4.020e-002
79	-1.179e-003	5.127e-002	-2.153e-003	1.500e-001	3.053e-003	-8.521e-002
80	4.939e-003	5.250e-002	1.740e-002	-5.318e-002	-1.852e-002	3.870e-002
81	-1.257e-002	5.222e-002	-1.903e-002	-4.427e-002	-4.010e-002	2.633e-003
82	1.891e-002	5.045e-002	7.088e-003	1.649e-001	-6.167e-002	-1.378e-001
83	-3.650e-003	5.207e-003	7.438e-003	-3.036e-001	6.909e-002	-1.480e-001
84	4.294e-003	-5.543e-003	1.340e-002	3.039e-001	-9.465e-002	-1.504e-001
85	-3.679e-003	-5.596e-003	-7.457e-003	3.051e-001	6.921e-002	-1.480e-001
86	1.534e-004	-5.559e-003	-2.797e-003	3.218e-001	1.057e-002	-1.661e-001
87	5.097e-003	5.160e-003	-1.183e-002	-3.025e-001	-9.575e-002	-1.501e-001
88	-3.133e-004	5.208e-003	1.924e-003	-3.210e-001	1.108e-002	-1.638e-001
89	5.552e-003	5.805e-002	1.446e-002	-2.060e-001	4.487e-002	-2.988e-002
90	6.109e-003	6.016e-002	-2.179e-002	4.205e-002	3.206e-002	2.427e-002
91	-7.329e-003	6.055e-002	1.904e-002	6.682e-002	1.925e-002	1.442e-002
92	1.154e-003	5.920e-002	3.083e-003	-1.517e-001	6.446e-003	-5.055e-002
93	7.910e-003	6.058e-002	-1.429e-002	5.608e-002	-1.563e-002	2.074e-002
94	-8.186e-003	6.023e-002	1.874e-002	2.659e-002	-3.770e-002	2.679e-002
95	-7.477e-003	5.815e-002	-2.143e-002	-2.077e-001	-5.977e-002	-3.038e-002
96	5.533e-003	-5.855e-002	-1.448e-002	2.070e-001	4.489e-002	-2.853e-002
97	6.028e-003	-6.068e-002	2.247e-002	-4.137e-002	3.170e-002	2.350e-002
98	-6.986e-003	-6.106e-002	-1.883e-002	-6.905e-002	1.851e-002	1.390e-002
99	1.487e-003	-5.968e-002	-3.884e-003	1.505e-001	5.325e-003	-5.033e-002
100	7.898e-003	-6.109e-002	1.340e-002	-5.446e-002	-1.567e-002	2.172e-002
101	-8.562e-003	-6.074e-002	-1.821e-002	-2.349e-002	-3.667e-002	2.712e-002
102	-8.023e-003	-5.864e-002	2.285e-002	2.083e-001	-5.767e-002	-2.930e-002
103	-1.054e-002	6.934e-002	-2.505e-002	-1.281e-001	1.160e-002	1.330e-001
104	-1.077e-002	-6.952e-002	2.612e-002	1.275e-001	1.419e-002	1.356e-001
105	1.534e-003	-6.698e-002	-3.938e-003	8.300e-002	-4.449e-003	1.233e-001
106	1.385e-003	6.687e-002	3.345e-003	-8.505e-002	-2.865e-003	1.214e-001
107	8.008e-003	-6.933e-002	-1.742e-002	1.271e-001	-5.863e-003	1.350e-001
108	8.017e-003	6.914e-002	1.739e-002	-1.274e-001	-5.955e-003	1.322e-001
109	-7.426e-003	4.297e-002	-1.697e-002	-5.559e-002	7.554e-002	2.277e-001
110	9.322e-004	-3.967e-002	-2.478e-003	3.001e-002	-1.144e-002	2.169e-001
111	8.998e-004	4.007e-002	2.114e-003	-3.211e-002	-1.044e-002	2.150e-001
112	-7.476e-003	-4.263e-002	1.766e-002	5.455e-002	7.718e-002	2.300e-001
113	5.959e-003	-4.256e-002	-1.203e-002	5.457e-002	-5.202e-002	2.292e-001
114	5.961e-003	4.290e-002	1.198e-002	-5.541e-002	-5.206e-002	2.268e-001

Vettori modali 72 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
115	4.503e-003	3.046e-004	-2.225e-005	-2.782e-004	-6.927e-002	2.120e-001
116	-1.862e-002	3.200e-004	9.546e-006	2.523e-004	-5.028e-002	-8.330e-002
117	3.261e-002	3.262e-004	7.588e-005	-1.091e-004	-3.130e-002	-5.694e-002
118	6.180e-004	3.230e-004	-1.363e-004	-7.399e-004	-1.231e-002	1.891e-001
119	-3.300e-002	3.267e-004	-2.184e-004	4.928e-004	2.478e-002	-5.218e-002
120	1.693e-002	3.210e-004	1.737e-004	7.331e-004	6.187e-002	-8.374e-002
121	-5.315e-003	3.062e-004	2.676e-004	-3.449e-004	9.897e-002	2.116e-001
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.214e-004	1.739e-004	7.453e-004	2.749e-002	9.911e-003	1.511e-006
124	1.184e-004	-1.808e-004	-9.589e-004	-2.740e-002	1.333e-002	1.238e-006
125	4.025e-003	-1.754e-004	-3.599e-004	7.252e-004	5.483e-003	-6.113e-007
126	4.020e-003	5.137e-004	5.183e-004	-5.178e-002	3.995e-003	1.972e-007
127	4.033e-003	-5.692e-004	-5.616e-004	5.246e-002	-4.620e-003	1.591e-007
128	3.334e-008	2.408e-008	1.415e-009	-9.350e-003	-8.358e-003	-2.890e-007
129	4.165e-008	4.932e-009	1.443e-010	2.906e-004	8.516e-003	2.259e-007
130	6.196e-005	-1.225e-004	-4.597e-005	-1.045e-002	-7.970e-003	-1.515e-007
131	1.996e-008	-1.967e-008	-1.265e-009	4.076e-003	7.974e-003	-5.186e-008
132	1.499e-003	4.742e-004	8.030e-003	7.142e-003	3.689e-002	2.514e-007
133	1.460e-003	-4.824e-004	-9.266e-003	-1.210e-002	4.173e-002	-1.841e-007
134	3.046e-003	5.904e-004	1.165e-002	7.253e-003	4.483e-002	-5.509e-007
135	3.013e-003	-6.206e-004	-1.299e-002	-2.718e-003	5.759e-002	2.139e-008
136	4.029e-003	-4.131e-005	-6.188e-006	-1.058e-004	-2.514e-003	5.713e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	4.025e-003	-1.754e-004	-3.600e-004	3.775e-003	7.902e-003	1.522e-006
139	4.020e-003	5.137e-004	5.183e-004	-2.731e-002	6.318e-003	2.001e-007
140	4.033e-003	-5.691e-004	-5.616e-004	3.605e-002	-7.093e-003	6.244e-007
141	2.691e-004	1.563e-004	2.024e-004	-6.304e-003	6.644e-003	-2.110e-006
142	2.774e-004	-2.705e-004	3.115e-004	-4.659e-003	-6.311e-003	-1.525e-006
143	4.029e-003	-4.133e-005	-6.187e-006	1.650e-004	-4.874e-003	-7.884e-007
144	3.500e-003	1.536e-004	-7.975e-003	-6.567e-003	-2.014e-002	3.150e-007
145	3.641e-003	-2.292e-004	1.018e-002	6.770e-003	-5.877e-002	-5.585e-007
146	1.980e-003	1.745e-005	-3.533e-003	2.433e-002	-2.865e-002	-1.909e-008
147	1.930e-003	-1.283e-004	6.100e-003	-2.312e-002	-1.770e-002	1.176e-008
148	5.423e-008	1.479e-004	5.035e-010	1.263e-003	-6.447e-003	4.752e-007
149	7.429e-008	-3.141e-005	-7.444e-011	-3.456e-004	6.764e-003	-8.194e-007
150	9.150e-005	-1.512e-004	5.988e-005	2.813e-003	-7.111e-003	3.151e-007
151	3.192e-008	-2.566e-004	-7.663e-010	-3.377e-003	7.699e-003	2.910e-007

Vettori modali 73 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-5.537e-004	-1.755e-003	-5.251e-004	-1.585e-002	-1.492e-002	6.978e-007
2	-4.163e-004	-1.689e-003	-9.333e-004	4.757e-003	-1.578e-002	-1.228e-007
3	-1.857e-004	-1.938e-003	-5.125e-004	1.733e-002	-1.234e-003	9.962e-007
4	-1.704e-004	-1.786e-003	2.931e-004	-3.295e-003	-2.237e-003	-7.564e-008
5	-2.955e-004	-1.805e-005	1.069e-002	1.284e-001	-7.615e-002	3.816e-003
6	1.136e-004	-6.856e-006	1.051e-002	1.264e-001	4.419e-002	-1.521e-003
7	-1.987e-004	-2.001e-004	2.490e-004	4.061e-003	-2.170e-003	1.331e-007
8	-1.336e-004	-3.995e-004	-5.784e-004	-2.367e-002	4.043e-003	-5.555e-007
9	-4.585e-004	-5.016e-004	-8.941e-004	-5.125e-003	-1.553e-002	-1.802e-008
10	-4.751e-004	-7.941e-004	-5.243e-004	2.269e-002	-1.691e-002	-5.839e-008
11	-7.614e-004	-1.325e-003	1.590e-003	-1.413e-004	-8.950e-003	-3.413e-004
12	-6.539e-004	-1.207e-003	4.055e-003	-1.349e-004	1.507e-002	-5.500e-005
13	-7.922e-004	-1.398e-003	7.369e-003	-5.285e-004	-1.524e-002	3.831e-005
14	-2.519e-004	-2.041e-003	1.071e-002	-1.287e-001	-7.699e-002	-3.357e-003
15	8.805e-005	-2.600e-003	1.051e-002	-1.264e-001	4.378e-002	1.198e-003
16	0.000e+000	0.000e+000	0.000e+000	1.362e-001	-5.145e-004	3.300e-003

Vettori modali 73 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
17	0.000e+000	0.000e+000	0.000e+000	-2.059e-003	1.013e-004	-7.925e-004
18	-2.247e-005	-1.918e-004	-2.191e-006	4.326e-002	-6.056e-005	-1.744e-004
19	0.000e+000	0.000e+000	0.000e+000	1.339e-001	2.031e-004	-1.066e-003
20	-1.364e-003	-4.671e-004	4.867e-002	3.767e-002	-4.917e-002	9.467e-004
21	-3.870e-004	-4.695e-004	-8.594e-004	-7.636e-004	1.512e-002	1.169e-003
22	4.015e-004	-4.250e-004	4.836e-002	3.931e-002	2.661e-002	-1.291e-005
23	-1.083e-003	-9.230e-004	3.512e-002	-7.631e-002	-1.705e-002	-1.289e-003
24	-6.979e-004	-9.000e-004	-5.987e-004	1.617e-003	9.408e-003	3.038e-004
25	7.326e-006	-9.503e-004	3.664e-002	-7.118e-002	5.684e-003	1.784e-003
26	-7.624e-004	-1.255e-003	6.169e-005	5.221e-005	-3.750e-003	-1.320e-004
27	-1.019e-003	-1.435e-003	3.508e-002	7.641e-002	-1.735e-002	1.158e-003
28	-7.149e-004	-1.512e-003	-5.580e-004	-1.583e-003	9.652e-003	-2.343e-004
29	-8.665e-005	-1.811e-003	3.633e-002	7.109e-002	5.539e-003	-1.587e-003
30	-1.254e-003	-1.751e-003	4.871e-002	-3.758e-002	-4.976e-002	-9.762e-004
31	-4.275e-004	-1.707e-003	-8.313e-004	6.885e-004	1.448e-002	-9.401e-004
32	2.753e-004	-2.264e-003	4.821e-002	-3.878e-002	2.632e-002	-9.542e-005
33	0.000e+000	-2.019e-003	0.000e+000	-1.364e-001	-5.204e-004	-2.665e-003
34	0.000e+000	-1.782e-003	0.000e+000	2.012e-003	1.029e-004	-2.947e-004
35	-6.204e-006	-2.033e-003	-2.465e-006	-4.329e-002	-5.971e-005	-1.698e-003
36	0.000e+000	-2.587e-003	0.000e+000	-1.339e-001	2.001e-004	7.619e-004
37	-2.534e-002	1.662e-002	2.068e-002	-1.085e-001	8.077e-003	6.674e-003
38	1.467e-002	1.829e-002	2.020e-002	-1.099e-001	-4.587e-003	-4.946e-003
39	2.214e-002	-1.217e-004	-9.609e-003	-3.351e-003	2.812e-002	3.516e-005
40	-1.195e-002	2.085e-004	-5.972e-003	-4.206e-003	-7.354e-003	6.476e-005
41	-2.559e-002	-1.706e-002	2.068e-002	1.032e-001	8.081e-003	-6.424e-003
42	1.452e-002	-1.791e-002	2.022e-002	1.015e-001	-4.496e-003	4.692e-003
43	5.164e-003	4.402e-002	2.999e-002	3.711e-002	7.713e-002	9.532e-003
44	-3.001e-003	4.458e-002	2.924e-002	4.153e-002	-4.484e-002	-8.371e-003
45	9.524e-003	1.009e-003	-2.296e-002	2.521e-005	-6.549e-002	1.253e-004
46	-2.465e-003	1.270e-003	-1.912e-002	1.088e-003	3.446e-002	9.121e-005
47	5.201e-003	-4.245e-002	2.998e-002	-3.765e-002	7.792e-002	-9.491e-003
48	-2.959e-003	-4.197e-002	2.926e-002	-3.954e-002	-4.438e-002	8.187e-003
49	1.872e-002	3.590e-003	3.871e-002	2.158e-002	-5.059e-002	1.253e-002
50	-1.109e-002	3.305e-003	3.769e-002	1.695e-002	2.845e-002	-1.196e-002
51	8.764e-003	2.458e-003	3.677e-003	-1.319e-001	-2.767e-002	3.561e-002
52	-3.400e-003	2.170e-003	-1.597e-003	-1.355e-001	1.252e-002	-2.150e-002
53	-1.014e-002	1.252e-003	-4.594e-002	-3.066e-002	-4.744e-003	2.799e-002
54	6.050e-003	9.686e-004	-4.753e-002	-1.520e-002	-3.415e-003	-1.071e-002
55	-1.455e-002	7.644e-006	-3.616e-002	2.002e-003	1.818e-002	2.199e-004
56	6.735e-003	-2.616e-004	-3.224e-002	2.068e-003	-1.935e-002	1.189e-004
57	-1.028e-002	-1.241e-003	-4.530e-002	2.936e-002	-4.872e-003	-2.803e-002
58	5.982e-003	-1.500e-003	-4.678e-002	1.403e-002	-3.512e-003	1.068e-002
59	8.799e-003	-2.452e-003	3.214e-003	1.301e-001	-2.793e-002	-3.611e-002
60	-3.377e-003	-2.693e-003	-1.991e-003	1.335e-001	1.232e-002	2.124e-002
61	1.894e-002	-3.589e-003	3.869e-002	-1.752e-002	-5.098e-002	-1.271e-002
62	-1.098e-002	-3.804e-003	3.772e-002	-1.246e-002	2.816e-002	1.185e-002
63	1.498e-002	-1.999e-003	4.418e-002	3.542e-003	5.181e-002	-4.365e-003
64	-1.618e-002	-6.059e-004	-4.037e-002	-9.099e-004	-4.628e-002	1.890e-004
65	1.486e-002	7.227e-004	4.422e-002	-5.367e-003	5.139e-002	4.731e-003
66	-2.549e-002	-2.180e-003	4.528e-002	2.374e-003	-8.203e-002	7.266e-003
67	2.177e-002	-8.352e-004	-4.430e-002	4.089e-004	8.205e-002	2.823e-004
68	-2.567e-002	4.421e-004	4.525e-002	-1.521e-003	-8.280e-002	-6.718e-003
69	-1.428e-002	3.117e-004	-2.948e-002	9.872e-002	-5.215e-004	-5.555e-002
70	1.723e-002	4.221e-004	3.017e-002	9.922e-002	1.114e-004	-4.903e-002
71	2.597e-002	-1.498e-004	4.961e-002	-7.879e-003	2.709e-004	3.623e-003

Vettori modali 73 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
72	1.716e-002	-3.579e-005	3.002e-002	-9.811e-002	-2.042e-004	4.897e-002
73	-1.423e-002	7.929e-005	-2.906e-002	-9.826e-002	-6.793e-004	5.532e-002
74	-2.552e-002	1.920e-004	-4.763e-002	-9.869e-004	-1.154e-003	2.626e-004
75	2.586e-002	5.198e-004	4.964e-002	5.849e-003	7.444e-004	-2.756e-003
76	-3.466e-002	-4.477e-004	5.076e-002	-4.104e-003	3.581e-002	1.732e-003
77	-2.425e-002	-3.757e-004	3.458e-002	-9.574e-002	1.583e-002	-6.712e-002
78	1.985e-002	-2.923e-004	-2.797e-002	-1.119e-001	-4.146e-003	-7.879e-002
79	3.601e-002	-2.001e-004	-5.145e-002	-1.975e-003	-2.413e-002	3.478e-004
80	1.984e-002	-1.203e-004	-2.860e-002	1.132e-001	-3.924e-003	7.838e-002
81	-2.412e-002	-3.697e-005	3.503e-002	9.740e-002	1.628e-002	6.722e-002
82	-3.488e-002	4.752e-005	5.071e-002	-1.072e-004	3.648e-002	-4.217e-004
83	2.430e-002	3.997e-004	5.040e-002	-2.785e-003	-1.444e-002	4.258e-003
84	-2.505e-002	3.620e-004	4.810e-002	-3.871e-003	6.514e-002	-2.227e-003
85	-2.499e-002	1.853e-004	4.822e-002	-1.054e-003	6.411e-002	3.137e-003
86	2.755e-002	2.774e-004	-4.985e-002	-2.575e-003	-5.848e-002	5.789e-004
87	2.429e-002	1.106e-004	5.048e-002	2.288e-003	-1.378e-002	-2.846e-003
88	-2.435e-002	2.597e-004	-4.906e-002	-2.281e-004	7.464e-003	7.202e-004
89	1.933e-002	3.930e-004	4.809e-002	-2.964e-003	-4.700e-002	1.543e-003
90	1.465e-002	3.216e-004	3.156e-002	-9.353e-002	-1.682e-002	3.369e-002
91	-9.522e-003	2.405e-004	-2.759e-002	-1.026e-001	1.336e-002	4.655e-002
92	-2.019e-002	1.521e-004	-4.788e-002	3.212e-004	4.354e-002	9.059e-004
93	-9.859e-003	6.624e-005	-2.754e-002	1.023e-001	1.350e-002	-4.706e-002
94	1.483e-002	-2.164e-005	3.146e-002	9.350e-002	-1.655e-002	-3.464e-002
95	1.941e-002	-1.089e-004	4.824e-002	4.033e-003	-4.659e-002	1.180e-004
96	-1.352e-002	5.253e-004	4.104e-002	2.471e-003	7.799e-002	4.622e-003
97	-1.272e-002	5.589e-004	2.964e-002	-7.801e-002	2.630e-002	-2.264e-002
98	6.413e-003	5.757e-004	-2.297e-002	-9.610e-002	-2.539e-002	-4.042e-002
99	1.643e-002	5.752e-004	-4.343e-002	-7.450e-004	-7.708e-002	-4.471e-004
100	6.590e-003	5.992e-004	-2.311e-002	9.674e-002	-2.518e-002	4.064e-002
101	-1.278e-002	6.051e-004	2.985e-002	7.828e-002	2.673e-002	2.305e-002
102	-1.345e-002	5.928e-004	4.082e-002	-4.605e-003	7.863e-002	-5.832e-003
103	1.108e-002	-5.920e-004	3.894e-002	4.467e-003	-7.648e-002	-4.001e-004
104	-3.170e-003	3.159e-004	2.918e-002	-2.206e-003	7.580e-002	-3.362e-003
105	5.224e-003	3.784e-004	-3.099e-002	3.624e-004	-8.657e-002	-2.150e-003
106	-1.124e-002	-1.048e-004	-3.815e-002	9.430e-004	8.342e-002	1.297e-003
107	-3.279e-003	4.573e-004	2.944e-002	2.361e-003	7.589e-002	-9.690e-004
108	1.098e-002	3.479e-004	3.877e-002	-2.298e-003	-7.639e-002	2.789e-003
109	4.977e-003	-7.706e-004	2.671e-002	4.506e-003	-6.127e-002	-1.334e-003
110	-7.987e-004	-8.107e-005	-1.992e-002	8.033e-004	-4.021e-002	-2.283e-003
111	-4.552e-003	-3.691e-004	-2.515e-002	1.009e-003	6.266e-002	7.209e-004
112	1.847e-003	-1.006e-004	1.982e-002	9.011e-004	3.160e-002	-2.119e-003
113	1.767e-003	-1.124e-005	2.000e-002	3.550e-004	3.228e-002	-2.458e-003
114	4.899e-003	2.241e-005	2.660e-002	-2.362e-003	-6.067e-002	2.538e-003
115	2.923e-003	-2.282e-004	1.906e-002	-3.069e-003	-1.890e-002	5.382e-004
116	1.239e-003	-2.969e-004	1.152e-002	-3.766e-002	-7.746e-003	6.710e-003
117	-2.061e-003	-3.565e-004	-1.111e-002	-3.747e-002	3.410e-003	4.209e-003
118	-2.370e-003	-4.055e-004	-1.796e-002	6.687e-004	1.457e-002	-6.765e-004
119	-1.842e-003	-4.675e-004	-1.086e-002	3.710e-002	3.129e-003	-3.781e-003
120	1.096e-003	-5.155e-004	1.139e-002	3.699e-002	-8.308e-003	-6.167e-003
121	2.984e-003	-5.480e-004	1.902e-002	4.374e-003	-1.974e-002	-2.134e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-2.955e-004	-1.805e-005	1.069e-002	1.498e-001	8.751e-002	-6.385e-007
124	1.136e-004	-6.847e-006	1.051e-002	1.403e-001	-1.051e-001	-3.894e-007
125	-7.614e-004	-1.325e-003	1.590e-003	-8.866e-003	-2.441e-002	6.491e-007
126	-6.539e-004	-1.206e-003	4.055e-003	-3.953e-002	1.482e-005	-5.166e-007

Vettori modali 73 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
127	-7.922e-004	-1.398e-003	7.369e-003	-3.077e-002	-3.493e-004	6.575e-007
128	-7.466e-009	-3.193e-008	-2.097e-009	1.185e-001	-2.739e-003	-3.435e-007
129	-1.611e-008	-4.458e-008	-1.059e-010	-2.533e-003	2.717e-003	1.096e-007
130	-2.248e-005	-1.918e-004	-2.191e-006	1.943e-002	-2.518e-003	9.451e-008
131	-1.120e-008	-1.272e-008	-6.400e-010	1.231e-001	2.247e-003	4.728e-007
132	-1.364e-003	-4.671e-004	4.867e-002	3.076e-002	3.076e-001	-3.629e-007
133	4.015e-004	-4.250e-004	4.836e-002	3.968e-002	-2.238e-001	-3.768e-007
134	-1.083e-003	-9.230e-004	3.512e-002	-8.475e-002	9.265e-002	1.376e-006
135	7.330e-006	-9.503e-004	3.664e-002	-8.640e-002	-2.006e-001	-4.183e-007
136	-7.624e-004	-1.255e-003	6.169e-005	9.876e-004	1.138e-002	-4.019e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-7.614e-004	-1.325e-003	1.590e-003	2.421e-003	-2.392e-002	-2.729e-007
139	-6.539e-004	-1.207e-003	4.055e-003	4.499e-002	5.329e-004	3.704e-007
140	-7.922e-004	-1.398e-003	7.369e-003	3.072e-002	-8.551e-004	-7.978e-007
141	-2.519e-004	-2.041e-003	1.071e-002	-1.558e-001	8.876e-002	4.916e-007
142	8.806e-005	-2.600e-003	1.051e-002	-1.414e-001	-1.028e-001	3.203e-007
143	-7.624e-004	-1.255e-003	6.169e-005	-8.597e-004	1.086e-002	2.610e-007
144	-1.019e-003	-1.435e-003	3.508e-002	7.915e-002	9.220e-002	-1.690e-006
145	-8.664e-005	-1.811e-003	3.633e-002	8.520e-002	-2.024e-001	6.035e-007
146	-1.254e-003	-1.751e-003	4.871e-002	-2.488e-002	3.079e-001	7.089e-007
147	2.753e-004	-2.264e-003	4.821e-002	-3.787e-002	-2.150e-001	4.718e-007
148	-6.547e-009	-2.019e-003	-1.259e-009	-1.125e-001	-3.868e-003	1.650e-007
149	-1.220e-008	-1.782e-003	4.416e-010	2.621e-003	3.841e-003	-8.917e-008
150	-6.207e-006	-2.033e-003	-2.466e-006	-1.269e-002	-3.625e-003	5.931e-008
151	-7.296e-009	-2.587e-003	-4.786e-010	-1.218e-001	3.397e-003	-2.778e-007

Vettori modali 74 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	2.174e-004	1.574e-005	5.322e-005	1.807e-002	1.204e-003	4.920e-007
2	5.092e-005	1.385e-004	1.272e-004	1.451e-003	-4.652e-003	1.887e-007
3	3.773e-005	-4.236e-005	-1.683e-004	-1.647e-002	-2.627e-002	4.234e-007
4	5.827e-006	8.646e-005	3.546e-004	-3.439e-003	-5.895e-003	1.901e-007
5	2.898e-004	3.140e-005	-1.576e-004	-2.717e-003	2.610e-001	-3.460e-003
6	3.038e-004	-2.324e-005	2.153e-004	3.393e-003	2.621e-001	-3.665e-003
7	1.338e-004	6.190e-006	-3.226e-004	-4.433e-003	5.173e-003	2.137e-007
8	1.517e-004	-4.106e-006	1.288e-004	-1.587e-002	2.640e-002	2.228e-007
9	3.509e-004	7.365e-005	-1.454e-004	1.638e-003	7.008e-003	-3.018e-008
10	4.999e-004	2.022e-005	5.624e-007	1.795e-002	8.391e-004	-1.097e-007
11	5.017e-004	-4.604e-005	-1.605e-005	-2.062e-003	6.246e-005	-4.382e-004
12	5.070e-004	1.471e-004	3.248e-005	5.713e-003	6.436e-005	5.215e-004
13	5.070e-004	-9.109e-005	-5.003e-005	-6.064e-003	8.964e-005	5.835e-004
14	-2.515e-004	2.267e-004	2.743e-004	-4.131e-003	-2.610e-001	-2.854e-003
15	-2.651e-004	-1.545e-004	-3.538e-004	5.069e-003	-2.622e-001	-3.062e-003
16	0.000e+000	0.000e+000	0.000e+000	-1.596e-003	2.149e-003	-3.347e-003
17	0.000e+000	0.000e+000	0.000e+000	6.015e-005	-1.123e-003	4.630e-004
18	2.227e-005	1.594e-004	2.344e-004	8.199e-004	-7.438e-004	9.316e-004
19	0.000e+000	0.000e+000	0.000e+000	2.339e-003	2.188e-003	-3.441e-003
20	4.897e-004	8.660e-005	-1.887e-003	-3.924e-003	1.838e-001	6.059e-004
21	3.544e-004	2.024e-005	2.649e-005	3.929e-005	-1.323e-002	-9.117e-004
22	5.484e-004	-5.593e-005	2.115e-003	4.035e-003	1.846e-001	5.797e-004
23	5.018e-004	1.223e-004	-2.435e-003	2.432e-003	9.195e-002	-3.078e-004
24	5.248e-004	2.993e-005	2.718e-005	-3.708e-005	-5.851e-003	3.496e-005
25	5.437e-004	-7.503e-005	2.585e-003	-2.740e-003	9.234e-002	-2.287e-004
26	5.021e-004	3.116e-005	-2.406e-006	-6.035e-005	5.240e-005	-1.145e-004
27	3.080e-004	1.301e-004	2.858e-003	3.293e-003	-9.186e-002	3.537e-004
28	2.670e-004	4.086e-005	-2.144e-005	-1.346e-005	3.569e-003	7.091e-004

Vettori modali 74 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
29	2.667e-004	-6.215e-005	-3.090e-003	-3.716e-003	-9.227e-002	4.610e-004
30	-7.596e-005	1.607e-004	2.445e-003	-4.409e-003	-1.838e-001	1.561e-003
31	3.072e-005	3.691e-005	-1.699e-005	2.908e-005	1.292e-002	1.065e-004
32	-1.510e-004	-9.040e-005	-2.772e-003	4.599e-003	-1.846e-001	1.520e-003
33	0.000e+000	2.296e-004	0.000e+000	-3.078e-003	-2.150e-003	-3.021e-003
34	0.000e+000	1.774e-005	0.000e+000	3.691e-005	1.125e-003	4.669e-004
35	-8.146e-007	1.330e-004	-2.349e-004	1.391e-003	7.451e-004	5.419e-004
36	0.000e+000	-1.616e-004	0.000e+000	4.099e-003	-2.190e-003	-3.115e-003
37	8.450e-002	9.856e-003	2.131e-003	-1.315e-002	-3.736e-002	-3.350e-002
38	8.486e-002	-9.723e-003	-1.963e-003	1.255e-002	-3.754e-002	-3.374e-002
39	4.205e-004	6.684e-003	-5.158e-005	-1.311e-002	-9.277e-004	2.936e-002
40	4.345e-004	-6.944e-003	4.484e-005	1.391e-002	-9.223e-004	2.954e-002
41	-8.447e-002	9.778e-003	-1.937e-003	-1.156e-002	3.727e-002	-3.265e-002
42	-8.487e-002	-9.613e-003	1.728e-003	1.093e-002	3.747e-002	-3.291e-002
43	-2.410e-002	4.351e-003	4.345e-003	2.899e-002	-2.603e-001	-6.355e-002
44	-2.421e-002	-4.113e-003	-4.071e-003	-2.864e-002	-2.614e-001	-6.382e-002
45	-2.670e-004	4.399e-003	-1.338e-004	2.082e-002	-1.073e-003	5.819e-002
46	-2.660e-004	-4.690e-003	1.381e-004	-2.151e-002	-1.114e-003	5.850e-002
47	2.407e-002	3.770e-003	-4.080e-003	2.875e-002	2.602e-001	-6.245e-002
48	2.418e-002	-3.507e-003	3.749e-003	-2.834e-002	2.614e-001	-6.275e-002
49	-6.391e-002	-5.124e-003	6.501e-003	-1.469e-002	1.798e-001	-9.506e-002
50	-6.418e-002	5.129e-003	-6.129e-003	1.460e-002	1.806e-001	-9.537e-002
51	-9.649e-003	-5.390e-003	-1.569e-003	-1.406e-002	1.202e-001	-1.233e-001
52	-9.687e-003	5.392e-003	1.420e-003	1.268e-002	1.208e-001	-1.239e-001
53	2.989e-002	-5.479e-003	-3.796e-003	5.666e-003	6.067e-002	-6.173e-003
54	3.004e-002	5.478e-003	3.354e-003	-5.200e-003	6.095e-002	-6.193e-003
55	-2.463e-004	-5.389e-003	-2.150e-004	-2.082e-005	1.092e-003	8.843e-002
56	-2.535e-004	5.386e-003	2.307e-004	5.830e-004	1.124e-003	8.887e-002
57	-2.986e-002	-5.501e-003	3.431e-003	6.382e-003	-5.927e-002	-7.771e-003
58	-3.002e-002	5.501e-003	-2.914e-003	-5.883e-003	-5.953e-002	-7.810e-003
59	1.012e-002	-5.432e-003	1.756e-003	-1.302e-002	-1.196e-001	-1.231e-001
60	1.017e-002	5.435e-003	-1.592e-003	1.140e-002	-1.202e-001	-1.237e-001
61	6.382e-002	-5.186e-003	-6.173e-003	-1.518e-002	-1.800e-001	-9.371e-002
62	6.411e-002	5.193e-003	5.726e-003	1.504e-002	-1.809e-001	-9.405e-002
63	7.833e-002	-1.020e-002	-7.744e-003	2.573e-002	2.330e-001	-2.429e-002
64	4.442e-004	-1.050e-002	2.926e-004	3.537e-002	1.010e-003	-1.065e-002
65	-7.854e-002	-1.015e-002	7.286e-003	2.562e-002	-2.330e-001	-2.476e-002
66	7.797e-002	1.010e-002	8.197e-003	-2.552e-002	2.319e-001	-2.473e-002
67	4.216e-004	1.052e-002	-2.693e-004	-3.571e-002	9.614e-004	-1.059e-002
68	-7.814e-002	1.005e-002	-7.826e-003	-2.538e-002	-2.317e-001	-2.520e-002
69	4.705e-002	-9.844e-003	-1.853e-002	-9.417e-003	8.805e-002	-5.873e-003
70	-4.069e-003	-8.953e-003	-3.345e-003	5.348e-002	1.766e-001	1.675e-001
71	6.541e-002	-7.727e-003	-9.175e-003	-3.269e-002	-2.641e-001	5.043e-002
72	3.187e-003	-8.924e-003	2.932e-003	5.476e-002	-1.763e-001	1.679e-001
73	-4.710e-002	-9.829e-003	1.897e-002	-7.983e-003	-8.840e-002	-8.821e-003
74	4.565e-004	-1.041e-002	3.475e-004	-3.921e-002	-5.506e-004	-1.153e-001
75	-6.529e-002	-7.770e-003	8.676e-003	-3.205e-002	2.652e-001	4.808e-002
76	6.489e-002	7.731e-003	9.696e-003	3.200e-002	-2.639e-001	4.920e-002
77	3.023e-003	8.936e-003	-3.022e-003	-5.613e-002	-1.761e-001	1.673e-001
78	-4.704e-002	9.850e-003	-1.936e-002	8.367e-003	-8.831e-002	-9.051e-003
79	4.329e-004	1.044e-002	-3.172e-004	3.980e-002	-5.226e-004	-1.147e-001
80	4.696e-002	9.864e-003	1.900e-002	9.738e-003	8.797e-002	-6.206e-003
81	-3.872e-003	8.964e-003	3.417e-003	-5.508e-002	1.765e-001	1.668e-001
82	-6.472e-002	7.772e-003	-9.294e-003	3.130e-002	2.650e-001	4.682e-002
83	8.660e-003	1.481e-003	-3.275e-002	-5.563e-002	-3.483e-001	-3.468e-002

Vettori modali 74 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
84	-7.816e-003	-1.420e-003	-3.338e-002	5.380e-002	3.489e-001	-3.808e-002
85	8.195e-003	-1.483e-003	3.370e-002	5.501e-002	-3.477e-001	-3.617e-002
86	3.201e-004	-2.062e-003	-2.829e-004	5.790e-002	-6.582e-004	-1.610e-002
87	-8.322e-003	1.418e-003	3.234e-002	-5.445e-002	3.495e-001	-3.655e-002
88	3.375e-004	2.016e-003	3.133e-004	-5.757e-002	-6.892e-004	-1.722e-002
89	-3.643e-002	9.807e-003	-6.690e-002	3.902e-002	-2.146e-001	-5.316e-002
90	-5.417e-003	1.135e-002	-5.389e-003	1.758e-001	-1.433e-001	-7.113e-002
91	1.742e-002	1.252e-002	4.975e-002	-2.826e-003	-7.194e-002	-3.619e-003
92	2.322e-004	1.329e-002	2.496e-004	-1.287e-001	-5.851e-004	4.980e-002
93	-1.795e-002	1.252e-002	-4.926e-002	-3.525e-003	7.150e-002	-1.231e-003
94	4.659e-003	1.133e-002	5.240e-003	1.745e-001	1.436e-001	-7.294e-002
95	3.695e-002	9.782e-003	6.661e-002	4.003e-002	2.157e-001	-5.500e-002
96	-3.675e-002	-9.818e-003	6.776e-002	-4.018e-002	-2.134e-001	-5.390e-002
97	-5.607e-003	-1.137e-002	5.383e-003	-1.778e-001	-1.425e-001	-7.132e-002
98	1.739e-002	-1.255e-002	-5.028e-002	3.092e-003	-7.150e-002	-3.982e-003
99	2.204e-004	-1.333e-002	-2.215e-004	1.299e-001	-5.471e-004	5.032e-002
100	-1.794e-002	-1.254e-002	4.985e-002	3.713e-003	7.108e-002	-1.661e-003
101	4.871e-003	-1.135e-002	-5.258e-003	-1.766e-001	1.427e-001	-7.315e-002
102	3.729e-002	-9.790e-003	-6.756e-002	-4.125e-002	2.143e-001	-5.576e-002
103	4.872e-002	8.865e-003	8.097e-002	3.869e-002	-2.650e-002	8.757e-004
104	4.887e-002	-8.837e-003	-8.170e-002	-3.975e-002	-2.810e-002	3.747e-004
105	1.562e-004	-1.905e-002	-1.442e-004	9.784e-002	-5.076e-004	5.358e-002
106	1.615e-004	1.899e-002	1.654e-004	-9.704e-002	-5.596e-004	5.298e-002
107	-4.823e-002	-8.857e-003	8.178e-002	-3.847e-002	2.874e-002	7.076e-004
108	-4.810e-002	8.881e-003	-8.112e-002	3.747e-002	2.726e-002	1.175e-003
109	3.888e-002	3.834e-003	5.581e-002	2.445e-002	-2.437e-001	2.377e-002
110	1.185e-004	-1.384e-002	-6.403e-005	5.180e-002	-4.194e-004	6.894e-002
111	1.198e-004	1.383e-002	7.840e-005	-5.123e-002	-4.466e-004	6.850e-002
112	3.892e-002	-3.801e-003	-5.631e-002	-2.535e-002	-2.447e-001	2.351e-002
113	-3.824e-002	-3.885e-003	5.632e-002	-2.447e-002	2.449e-001	2.360e-002
114	-3.821e-002	3.915e-003	-5.587e-002	2.362e-002	2.440e-001	2.383e-002
115	-3.108e-002	1.335e-005	1.825e-004	-3.572e-004	3.228e-001	7.940e-003
116	-4.936e-003	1.253e-005	4.009e-005	-2.750e-004	2.151e-001	-9.362e-002
117	2.763e-002	1.130e-005	-5.396e-005	-4.186e-005	1.074e-001	-5.548e-003
118	1.045e-004	9.694e-006	6.111e-006	2.270e-004	-3.499e-004	8.387e-002
119	-2.855e-002	1.161e-005	6.746e-005	-5.790e-005	-1.078e-001	-3.276e-003
120	4.155e-003	1.314e-005	-4.568e-005	-3.237e-004	-2.152e-001	-9.643e-002
121	3.175e-002	1.425e-005	-2.074e-004	-3.895e-004	-3.226e-001	6.805e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.898e-004	3.141e-005	-1.576e-004	-2.816e-003	-6.344e-003	9.805e-007
124	3.038e-004	-2.324e-005	2.153e-004	6.128e-003	-2.276e-002	8.402e-007
125	5.017e-004	-4.604e-005	-1.605e-005	-1.822e-002	4.774e-004	6.820e-008
126	5.070e-004	1.471e-004	3.248e-005	6.653e-003	4.398e-004	6.421e-009
127	5.070e-004	-9.109e-005	-5.003e-005	-9.477e-003	-3.289e-004	-1.552e-008
128	2.304e-008	6.924e-009	6.373e-010	-1.350e-003	4.446e-003	-3.127e-007
129	2.426e-008	2.425e-009	-2.672e-010	4.489e-005	-4.295e-003	1.364e-007
130	2.228e-005	1.594e-004	2.344e-004	1.928e-002	2.228e-003	3.102e-008
131	1.436e-008	-7.290e-009	-5.880e-010	-5.096e-004	-1.043e-003	-7.598e-008
132	4.897e-004	8.661e-005	-1.887e-003	-5.421e-003	-1.749e-002	-2.502e-008
133	5.484e-004	-5.593e-005	2.115e-003	2.948e-003	-4.288e-002	2.893e-008
134	5.018e-004	1.223e-004	-2.435e-003	3.222e-003	-1.187e-003	1.050e-008
135	5.437e-004	-7.503e-005	2.585e-003	-1.067e-003	-1.049e-002	1.831e-008
136	5.021e-004	3.116e-005	-2.406e-006	-8.374e-005	-3.349e-004	-3.522e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	5.017e-004	-4.604e-005	-1.605e-005	-1.744e-002	1.146e-003	4.063e-007

Vettori modali 74 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
139	5.070e-004	1.471e-004	3.248e-005	9.936e-003	1.149e-003	-7.132e-008
140	5.070e-004	-9.109e-005	-5.003e-005	-1.151e-002	-1.012e-003	-2.740e-008
141	-2.514e-004	2.267e-004	2.743e-004	-7.292e-003	8.315e-003	4.557e-007
142	-2.651e-004	-1.545e-004	-3.538e-004	9.582e-003	2.431e-002	4.535e-007
143	5.021e-004	3.116e-005	-2.406e-006	-6.916e-005	-1.066e-003	-2.725e-007
144	3.080e-004	1.301e-004	2.858e-003	1.381e-003	4.659e-003	2.680e-007
145	2.667e-004	-6.214e-005	-3.090e-003	-6.760e-004	1.133e-002	-5.091e-008
146	-7.595e-005	1.607e-004	2.445e-003	-3.018e-003	1.835e-002	-1.359e-007
147	-1.510e-004	-9.040e-005	-2.772e-003	1.928e-003	4.654e-002	5.562e-008
148	-1.012e-008	2.296e-004	-1.556e-010	3.750e-004	-6.142e-003	-1.235e-007
149	-8.259e-009	1.774e-005	2.854e-010	1.941e-005	6.056e-003	3.541e-008
150	-8.150e-007	1.330e-004	-2.349e-004	2.043e-002	-3.943e-003	8.269e-008
151	-6.879e-009	-1.616e-004	2.209e-010	-6.733e-004	2.833e-003	-2.548e-008

Vettori modali 75 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.679e-003	-1.412e-004	1.125e-004	1.477e-003	1.820e-002	-1.250e-006
2	-1.725e-003	2.958e-004	-2.544e-004	4.267e-003	1.415e-002	-6.967e-007
3	-9.482e-004	-1.154e-004	2.950e-004	-3.445e-003	9.110e-003	-6.817e-007
4	-7.068e-004	2.446e-004	1.961e-004	6.395e-003	1.106e-002	2.835e-007
5	-4.161e-004	-5.284e-006	8.898e-003	1.067e-001	-1.488e-001	5.505e-003
6	-4.264e-004	1.489e-006	-1.002e-002	-1.203e-001	-1.563e-001	5.574e-003
7	-6.735e-004	-6.661e-005	1.837e-004	-7.113e-003	1.163e-002	-2.631e-007
8	-9.138e-004	-6.131e-006	3.251e-004	4.450e-003	9.573e-003	4.702e-007
9	-1.671e-003	-6.006e-005	-2.642e-004	-3.885e-003	1.467e-002	5.769e-007
10	-2.637e-003	2.929e-005	1.062e-004	-2.510e-003	1.862e-002	1.205e-006
11	-3.010e-003	-2.622e-005	1.795e-003	-3.087e-005	-5.783e-003	-2.526e-004
12	-2.899e-003	1.755e-004	-3.487e-003	9.567e-005	4.545e-003	-6.130e-005
13	-2.926e-003	-1.135e-004	1.259e-003	-8.943e-005	9.661e-003	-3.721e-005
14	-4.407e-004	4.938e-004	8.896e-003	-1.067e-001	-1.472e-001	-5.744e-003
15	-4.435e-004	-3.597e-004	-1.002e-002	1.203e-001	-1.547e-001	-5.733e-003
16	0.000e+000	0.000e+000	0.000e+000	1.135e-001	-1.211e-003	4.517e-003
17	0.000e+000	0.000e+000	0.000e+000	-5.882e-004	6.116e-004	2.758e-004
18	-6.097e-005	-9.025e-005	-1.291e-004	-4.298e-002	4.210e-004	-1.144e-003
19	0.000e+000	0.000e+000	0.000e+000	-1.278e-001	-1.259e-003	4.572e-003
20	-2.196e-003	-1.619e-004	3.902e-002	2.464e-002	-1.034e-001	2.902e-003
21	-1.501e-003	-5.692e-006	-2.303e-004	-2.185e-004	-1.725e-002	3.615e-003
22	-2.107e-003	1.574e-004	-4.423e-002	-2.925e-002	-1.072e-001	3.121e-003
23	-2.942e-003	-1.150e-004	2.385e-002	-6.994e-002	-4.944e-002	3.449e-004
24	-2.692e-003	5.620e-006	-1.755e-004	3.935e-004	-1.971e-002	1.415e-003
25	-3.186e-003	1.451e-004	-2.837e-002	7.556e-002	-4.876e-002	4.580e-004
26	-3.028e-003	2.093e-005	-1.001e-005	-1.585e-006	-8.973e-003	-1.106e-004
27	-2.971e-003	4.809e-004	2.390e-002	6.995e-002	-4.890e-002	-2.388e-004
28	-2.733e-003	3.300e-005	-1.769e-004	-3.954e-004	-1.963e-002	-1.280e-003
29	-3.217e-003	-3.885e-004	-2.843e-002	-7.559e-002	-4.822e-002	-3.827e-004
30	-2.249e-003	5.787e-004	3.904e-002	-2.474e-002	-1.023e-001	-2.883e-003
31	-1.557e-003	3.348e-005	-2.318e-004	2.195e-004	-1.570e-002	-3.594e-003
32	-2.144e-003	-4.519e-004	-4.425e-002	2.935e-002	-1.061e-001	-3.125e-003
33	0.000e+000	5.067e-004	0.000e+000	-1.134e-001	-1.199e-003	-4.910e-003
34	0.000e+000	4.316e-006	0.000e+000	5.921e-004	6.073e-004	-7.425e-004
35	-5.208e-005	-2.245e-005	-1.282e-004	4.298e-002	4.176e-004	5.654e-004
36	0.000e+000	-3.746e-004	0.000e+000	1.278e-001	-1.248e-003	-4.859e-003
37	-4.813e-002	6.305e-003	1.767e-002	-7.648e-002	2.307e-002	1.938e-002
38	-5.055e-002	-7.952e-003	-1.990e-002	8.745e-002	2.420e-002	2.020e-002
39	2.777e-002	-7.755e-005	-1.370e-002	5.786e-004	4.722e-002	-1.175e-004
40	2.954e-002	8.840e-005	1.284e-002	-4.134e-004	4.676e-002	-9.956e-005

Vettori modali 75 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
41	-4.765e-002	-6.497e-003	1.768e-002	7.821e-002	2.289e-002	-1.935e-002
42	-5.007e-002	8.172e-003	-1.991e-002	-8.885e-002	2.400e-002	-2.012e-002
43	1.457e-002	3.003e-002	2.581e-002	1.601e-002	1.479e-001	3.325e-002
44	1.529e-002	-3.432e-002	-2.907e-002	-2.025e-002	1.553e-001	3.482e-002
45	1.502e-002	-1.660e-004	-2.342e-002	-3.280e-004	-8.415e-002	-1.736e-004
46	1.468e-002	1.178e-004	2.397e-002	3.322e-004	-8.931e-002	-1.619e-004
47	1.443e-002	-3.055e-002	2.583e-002	-1.681e-002	1.464e-001	-3.296e-002
48	1.515e-002	3.475e-002	-2.908e-002	2.107e-002	1.538e-001	-3.450e-002
49	3.564e-002	2.320e-003	3.335e-002	2.399e-002	-1.066e-001	4.780e-002
50	3.742e-002	-2.660e-003	-3.756e-002	-2.418e-002	-1.120e-001	5.015e-002
51	6.038e-003	1.624e-003	1.035e-002	-1.041e-001	-5.950e-002	7.238e-002
52	6.395e-003	-1.856e-003	-8.976e-003	1.201e-001	-6.133e-002	7.593e-002
53	-2.019e-002	8.733e-004	-3.521e-002	-4.216e-002	-1.241e-002	1.653e-002
54	-2.117e-002	-9.904e-004	4.058e-002	3.918e-002	-1.069e-002	1.753e-002
55	-1.578e-002	9.369e-005	-3.272e-002	-2.070e-004	3.468e-002	-2.325e-004
56	-1.661e-002	-9.184e-005	3.471e-002	1.030e-004	3.995e-002	-2.273e-004
57	-2.002e-002	-6.845e-004	-3.534e-002	4.219e-002	-1.206e-002	-1.650e-002
58	-2.101e-002	8.054e-004	4.067e-002	-3.914e-002	-1.034e-002	-1.750e-002
59	5.984e-003	-1.440e-003	1.035e-002	1.044e-001	-5.880e-002	-7.170e-002
60	6.342e-003	1.676e-003	-8.962e-003	-1.203e-001	-6.063e-002	-7.526e-002
61	3.528e-002	-2.147e-003	3.337e-002	-2.446e-002	-1.055e-001	-4.723e-002
62	3.706e-002	2.491e-003	-3.758e-002	2.443e-002	-1.109e-001	-4.958e-002
63	-5.032e-002	6.011e-003	-4.364e-002	-3.726e-003	-1.443e-001	-2.226e-003
64	4.026e-002	6.646e-005	4.062e-002	-4.668e-004	9.775e-002	1.526e-004
65	-4.987e-002	-5.891e-003	-4.367e-002	2.840e-003	-1.430e-001	2.625e-003
66	-4.774e-002	-5.601e-003	3.870e-002	2.214e-003	-1.368e-001	-2.742e-003
67	3.704e-002	-2.552e-005	-3.771e-002	4.617e-004	9.192e-002	1.464e-004
68	-4.728e-002	5.568e-003	3.873e-002	-1.336e-003	-1.354e-001	3.130e-003
69	2.823e-002	3.114e-004	2.338e-002	-1.050e-001	-5.940e-002	3.298e-002
70	-1.124e-002	4.807e-004	-3.385e-002	-8.256e-002	3.157e-002	9.979e-002
71	-4.939e-002	-3.935e-004	-4.852e-002	2.133e-002	1.240e-001	-5.729e-002
72	-1.132e-002	-2.239e-004	-3.380e-002	8.211e-002	3.258e-002	-1.009e-001
73	2.857e-002	-4.690e-005	2.322e-002	1.049e-001	-5.890e-002	-3.309e-002
74	2.540e-002	1.317e-004	4.541e-002	3.424e-004	-1.504e-001	5.520e-004
75	-4.903e-002	6.341e-004	-4.855e-002	-2.064e-002	1.225e-001	5.751e-002
76	-4.619e-002	5.364e-004	4.297e-002	-1.834e-002	1.206e-001	-5.588e-002
77	-9.239e-003	3.231e-004	3.233e-002	-6.889e-002	3.166e-002	-9.526e-002
78	2.694e-002	9.916e-005	-1.916e-002	-9.993e-002	-5.732e-002	-2.661e-002
79	2.250e-002	-1.281e-004	-4.164e-002	-2.475e-004	-1.463e-001	5.449e-004
80	2.661e-002	-3.562e-004	-1.929e-002	1.000e-001	-5.782e-002	2.650e-002
81	-9.162e-003	-5.725e-004	3.236e-002	6.925e-002	3.065e-002	9.412e-002
82	-4.583e-002	-7.697e-004	4.301e-002	1.785e-002	1.191e-001	5.608e-002
83	-2.129e-002	-1.915e-003	-3.821e-002	3.844e-002	1.751e-001	-5.453e-002
84	-1.887e-002	-1.820e-003	3.280e-002	3.587e-002	1.682e-001	5.301e-002
85	-1.892e-002	1.804e-003	3.263e-002	-3.712e-002	1.702e-001	-5.218e-002
86	-1.103e-002	-6.542e-006	-2.849e-002	-6.624e-004	-2.091e-001	3.818e-004
87	-2.125e-002	1.902e-003	-3.838e-002	-3.701e-002	1.731e-001	5.535e-002
88	-8.935e-003	-8.212e-006	3.240e-002	7.619e-004	-2.130e-001	3.853e-004
89	3.736e-003	-1.355e-003	-2.054e-002	3.935e-002	1.355e-001	-6.196e-002
90	4.016e-002	-9.800e-004	-1.187e-002	1.939e-002	3.982e-002	-1.822e-002
91	4.702e-003	-5.722e-004	2.911e-003	3.173e-002	-5.583e-002	1.287e-001
92	-3.819e-002	-1.453e-004	1.132e-002	6.913e-004	-1.515e-001	-6.215e-005
93	4.784e-003	2.811e-004	3.290e-003	-3.194e-002	-5.623e-002	-1.288e-001
94	4.016e-002	6.981e-004	-1.198e-002	-2.064e-002	3.901e-002	1.859e-002
95	3.525e-003	1.092e-003	-2.090e-002	-3.884e-002	1.342e-001	6.242e-002

Vettori modali 75 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
96	5.227e-003	1.202e-003	1.545e-002	-3.648e-002	1.295e-001	-6.057e-002
97	4.149e-002	8.669e-004	1.013e-002	-8.014e-003	3.738e-002	-1.667e-002
98	4.377e-003	5.029e-004	5.236e-004	-2.608e-002	-5.477e-002	1.326e-001
99	-3.959e-002	1.221e-004	-7.697e-003	-6.696e-004	-1.469e-001	-2.368e-005
100	4.445e-003	-2.591e-004	1.507e-004	2.628e-002	-5.518e-002	-1.327e-001
101	4.149e-002	-6.316e-004	1.024e-002	9.247e-003	3.656e-002	1.700e-002
102	5.016e-003	-9.832e-004	1.582e-002	3.602e-002	1.283e-001	6.112e-002
103	1.609e-002	1.152e-003	-5.718e-003	-4.571e-002	7.069e-002	1.174e-002
104	1.673e-002	-9.491e-004	1.532e-003	4.311e-002	6.433e-002	1.025e-002
105	-5.249e-002	1.652e-004	7.904e-003	-4.831e-004	-6.085e-002	-3.019e-004
106	-5.187e-002	-1.752e-004	-5.071e-003	4.477e-004	-6.686e-002	-4.098e-004
107	1.701e-002	1.224e-003	1.086e-003	-4.336e-002	6.419e-002	-1.056e-002
108	1.637e-002	-1.447e-003	-5.273e-003	4.591e-002	7.056e-002	-1.226e-002
109	1.935e-002	3.242e-003	5.446e-004	-3.114e-002	6.981e-003	4.558e-003
110	-5.399e-002	1.173e-004	1.019e-002	-2.506e-004	2.690e-002	-5.294e-004
111	-5.383e-002	-1.048e-004	-8.125e-003	1.968e-004	2.392e-002	-6.251e-004
112	1.951e-002	-3.088e-003	-3.884e-003	2.845e-002	3.479e-003	3.425e-003
113	1.974e-002	3.270e-003	-4.194e-003	-2.855e-002	2.138e-003	-4.248e-003
114	1.958e-002	-3.400e-003	8.518e-004	3.114e-002	5.642e-003	-5.564e-003
115	1.974e-002	-2.967e-005	-1.521e-003	1.501e-003	-2.085e-002	-4.171e-002
116	5.657e-002	-1.617e-005	-4.953e-004	3.021e-003	5.640e-003	-8.938e-003
117	4.209e-003	-2.130e-006	8.581e-004	1.492e-003	3.213e-002	1.759e-001
118	-5.293e-002	1.198e-005	9.199e-004	-2.035e-005	5.862e-002	-5.877e-004
119	4.496e-003	2.651e-005	8.507e-004	-1.480e-003	3.272e-002	-1.757e-001
120	5.647e-002	4.017e-005	-4.907e-004	-3.000e-003	6.825e-003	9.823e-003
121	1.955e-002	5.249e-005	-1.520e-003	-1.541e-003	-1.907e-002	4.093e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-4.161e-004	-5.299e-006	8.898e-003	1.212e-001	5.606e-002	-1.348e-006
124	-4.264e-004	1.506e-006	-1.002e-002	-1.253e-001	8.999e-002	-5.976e-007
125	-3.010e-003	-2.622e-005	1.795e-003	7.003e-003	-1.126e-002	4.706e-007
126	-2.899e-003	1.754e-004	-3.487e-003	-2.660e-002	-5.797e-003	1.415e-007
127	-2.926e-003	-1.135e-004	1.259e-003	1.770e-002	1.357e-002	1.483e-007
128	-4.006e-008	-9.669e-009	-7.820e-010	1.015e-001	4.198e-003	3.857e-007
129	-6.210e-008	-1.153e-009	-2.194e-011	-6.772e-004	-4.404e-003	-4.484e-007
130	-6.100e-005	-9.024e-005	-1.291e-004	1.196e-003	5.298e-003	1.343e-007
131	-1.828e-008	7.877e-009	6.246e-010	-1.255e-001	-5.933e-003	7.373e-008
132	-2.196e-003	-1.619e-004	3.902e-002	2.216e-002	2.167e-001	-2.375e-007
133	-2.107e-003	1.574e-004	-4.423e-002	-3.754e-002	1.802e-001	5.489e-007
134	-2.942e-003	-1.150e-004	2.385e-002	-8.271e-002	8.837e-002	8.385e-007
135	-3.186e-003	1.452e-004	-2.837e-002	1.008e-001	1.608e-001	4.554e-008
136	-3.028e-003	2.093e-005	-1.001e-005	2.607e-004	-4.130e-003	-4.200e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.010e-003	-2.623e-005	1.795e-003	-6.039e-003	-1.143e-002	-2.772e-007
139	-2.899e-003	1.755e-004	-3.487e-003	2.807e-002	-5.966e-003	-2.005e-007
140	-2.926e-003	-1.135e-004	1.259e-003	-1.859e-002	1.373e-002	-2.325e-007
141	-4.407e-004	4.938e-004	8.896e-003	-1.225e-001	5.705e-002	1.298e-006
142	-4.435e-004	-3.597e-004	-1.002e-002	1.260e-001	9.103e-002	4.946e-007
143	-3.028e-003	2.094e-005	-1.001e-005	-2.697e-004	-3.978e-003	2.639e-007
144	-2.971e-003	4.809e-004	2.390e-002	8.148e-002	8.846e-002	-7.488e-007
145	-3.217e-003	-3.886e-004	-2.843e-002	-1.001e-001	1.617e-001	2.187e-008
146	-2.249e-003	5.787e-004	3.904e-002	-2.104e-002	2.172e-001	4.440e-007
147	-2.144e-003	-4.519e-004	-4.425e-002	3.697e-002	1.804e-001	-5.616e-007
148	-3.349e-008	5.067e-004	-5.380e-010	-1.001e-001	4.082e-003	-2.106e-007
149	-5.461e-008	4.319e-006	-5.021e-011	6.770e-004	-4.256e-003	5.558e-007
150	-5.211e-005	-2.246e-005	-1.282e-004	-1.864e-003	5.161e-003	-2.314e-007

Vettori modali 75 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
151	-1.489e-008	-3.746e-004	4.196e-010	1.247e-001	-5.757e-003	-5.012e-008

Vettori modali 76 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.712e-003	-3.278e-004	-1.879e-005	-6.982e-003	4.709e-003	-1.051e-006
2	-1.675e-003	4.313e-004	-1.379e-004	3.305e-003	-1.090e-003	-6.575e-007
3	-9.238e-004	-3.031e-004	1.450e-004	5.981e-003	1.174e-002	-5.406e-007
4	-6.774e-004	3.380e-004	-3.995e-006	-1.058e-003	5.595e-003	2.103e-007
5	-1.908e-004	-3.419e-005	2.954e-003	3.636e-002	-4.043e-003	2.663e-003
6	-1.867e-004	3.163e-005	-3.581e-003	-4.391e-002	-6.388e-003	2.544e-003
7	-6.138e-004	-1.565e-005	-2.720e-005	-3.846e-004	6.887e-003	-2.231e-007
8	-8.449e-004	-1.977e-005	2.052e-004	-4.584e-003	1.334e-002	4.735e-007
9	-1.570e-003	-8.427e-006	-1.551e-004	-2.574e-003	-5.889e-005	6.530e-007
10	-2.618e-003	8.433e-006	-3.056e-005	5.571e-003	5.309e-003	1.463e-006
11	-3.198e-003	-9.939e-005	-2.029e-004	-6.673e-005	2.232e-003	-5.642e-004
12	-3.074e-003	3.217e-004	2.836e-003	1.955e-004	1.372e-002	-1.256e-004
13	-3.090e-003	-2.923e-004	-4.025e-003	-2.038e-004	1.630e-002	-7.903e-005
14	-2.363e-004	9.613e-004	2.951e-003	-3.631e-002	-1.358e-003	-3.106e-003
15	-2.279e-004	-9.011e-004	-3.582e-003	4.391e-002	-3.716e-003	-2.933e-003
16	0.000e+000	0.000e+000	0.000e+000	3.720e-002	-2.580e-005	1.979e-003
17	0.000e+000	0.000e+000	0.000e+000	6.058e-004	2.331e-006	7.092e-004
18	-6.185e-005	1.703e-005	-8.545e-007	-1.466e-002	7.373e-006	-5.036e-004
19	0.000e+000	0.000e+000	0.000e+000	-4.518e-002	-3.242e-005	1.932e-003
20	-1.775e-003	-1.247e-004	1.506e-002	1.497e-002	1.212e-003	3.636e-003
21	-1.479e-003	1.426e-006	2.330e-004	1.771e-004	-9.165e-003	3.540e-003
22	-1.664e-003	1.190e-004	-1.800e-002	-1.761e-002	3.229e-004	3.795e-003
23	-2.891e-003	-6.275e-006	1.236e-002	-2.212e-002	7.467e-003	1.072e-003
24	-2.776e-003	8.852e-006	1.590e-004	-4.275e-004	-5.656e-003	1.785e-003
25	-3.048e-003	1.996e-005	-1.490e-002	2.542e-002	8.312e-003	1.211e-003
26	-3.219e-003	5.795e-006	-1.210e-005	1.787e-006	-1.094e-004	-2.402e-004
27	-2.946e-003	6.813e-004	1.247e-002	2.215e-002	8.412e-003	-8.669e-004
28	-2.862e-003	3.192e-006	1.600e-004	4.263e-004	-5.511e-003	-1.499e-003
29	-3.118e-003	-6.391e-004	-1.503e-002	-2.548e-002	9.253e-003	-1.034e-003
30	-1.874e-003	9.055e-004	1.511e-002	-1.518e-002	3.102e-003	-3.605e-003
31	-1.600e-003	7.109e-006	2.323e-004	-1.822e-004	-5.939e-003	-3.482e-003
32	-1.755e-003	-8.487e-004	-1.807e-002	1.783e-002	2.205e-003	-3.798e-003
33	0.000e+000	9.640e-004	0.000e+000	-3.717e-002	-5.890e-006	-2.706e-003
34	0.000e+000	-5.342e-006	0.000e+000	-6.013e-004	-4.800e-006	-1.747e-003
35	-4.101e-005	-3.060e-004	7.283e-007	1.466e-002	1.518e-006	-9.134e-004
36	0.000e+000	-9.056e-004	0.000e+000	4.519e-002	-1.355e-005	-2.611e-003
37	-1.546e-003	-7.591e-004	3.017e-003	-2.180e-002	3.509e-004	-2.427e-002
38	-2.302e-003	-1.661e-004	-4.180e-003	2.794e-002	6.796e-004	-2.471e-002
39	2.998e-002	-1.629e-004	-2.537e-003	1.078e-003	4.410e-002	-2.134e-004
40	3.125e-002	1.642e-004	1.991e-003	-9.867e-004	4.441e-002	-1.810e-004
41	-7.138e-004	3.626e-004	3.025e-003	2.514e-002	3.583e-005	2.431e-002
42	-1.471e-003	5.769e-004	-4.192e-003	-3.115e-002	3.578e-004	2.478e-002
43	-4.706e-004	8.809e-003	2.971e-003	-3.079e-003	9.327e-004	-5.121e-002
44	-2.661e-004	-1.121e-002	-4.628e-003	6.843e-004	3.186e-003	-5.196e-002
45	1.178e-002	-3.080e-004	-7.819e-003	-6.676e-004	-9.955e-002	-3.013e-004
46	1.175e-002	2.803e-004	7.934e-003	6.593e-004	-1.035e-001	-2.830e-004
47	-7.060e-004	-9.812e-003	2.990e-003	1.464e-003	-1.650e-003	5.172e-002
48	-5.028e-004	1.217e-002	-4.651e-003	9.453e-004	6.087e-004	5.249e-002
49	-4.958e-003	2.246e-003	2.808e-003	1.244e-002	-2.340e-002	-7.946e-002
50	-4.521e-003	-2.433e-003	-4.918e-003	-1.251e-002	-2.548e-002	-8.055e-002
51	3.049e-002	1.606e-003	1.513e-002	9.379e-003	-1.703e-002	-1.761e-002
52	3.120e-002	-1.734e-003	-1.413e-002	-8.357e-004	-1.767e-002	-1.675e-002

Vettori modali 76 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
53	2.574e-003	9.125e-004	3.289e-003	-4.692e-002	-1.066e-002	1.022e-001
54	2.267e-003	-9.768e-004	-4.022e-004	4.448e-002	-9.864e-003	1.045e-001
55	-3.114e-002	1.883e-004	-1.306e-002	-3.526e-004	-4.282e-003	-3.934e-004
56	-3.205e-002	-1.873e-004	1.386e-002	3.098e-004	-2.055e-003	-3.899e-004
57	2.852e-003	-5.332e-004	3.057e-003	4.695e-002	-1.005e-002	-1.021e-001
58	2.544e-003	5.997e-004	-1.787e-004	-4.447e-002	-9.260e-003	-1.045e-001
59	3.040e-002	-1.237e-003	1.514e-002	-8.760e-003	-1.582e-002	1.878e-002
60	3.111e-002	1.367e-003	-1.412e-002	2.346e-004	-1.647e-002	1.791e-002
61	-5.585e-003	-1.899e-003	2.838e-003	-1.330e-002	-2.159e-002	8.047e-002
62	-5.146e-003	2.088e-003	-4.953e-003	1.327e-002	-2.367e-002	8.155e-002
63	-1.401e-002	-9.239e-003	-4.633e-003	1.233e-002	1.336e-002	5.113e-002
64	9.410e-003	9.099e-005	1.866e-002	-9.315e-004	1.320e-001	3.007e-004
65	-1.322e-002	9.389e-003	-4.681e-003	-1.412e-002	1.563e-002	-5.036e-002
66	-1.291e-002	9.508e-003	2.165e-003	-1.327e-002	1.571e-002	5.114e-002
67	8.012e-003	-7.400e-005	-1.743e-002	9.303e-004	1.276e-001	3.009e-004
68	-1.212e-002	-9.623e-003	2.206e-003	1.506e-002	1.799e-002	-5.037e-002
69	-3.857e-003	-6.360e-004	1.622e-002	-4.395e-002	7.143e-002	1.958e-001
70	-5.670e-002	-1.511e-003	-1.058e-002	-3.798e-002	8.846e-002	-3.861e-002
71	1.881e-002	2.813e-003	-4.171e-003	-6.507e-002	1.081e-001	1.896e-001
72	-5.686e-002	2.020e-003	-1.049e-002	3.722e-002	9.022e-002	3.657e-002
73	-3.247e-003	1.159e-003	1.595e-002	4.369e-002	7.230e-002	-1.961e-001
74	6.095e-002	2.600e-004	2.305e-002	5.901e-004	5.439e-002	1.027e-003
75	1.944e-002	-2.335e-003	-4.229e-003	6.626e-002	1.055e-001	-1.890e-001
76	1.996e-002	-2.688e-003	1.412e-003	6.680e-002	1.070e-001	1.884e-001
77	-5.530e-002	-1.934e-003	1.009e-002	-3.022e-002	9.007e-002	3.826e-002
78	-3.770e-003	-1.115e-003	-1.378e-002	-4.223e-002	7.315e-002	-1.911e-001
79	5.909e-002	-2.593e-004	-2.142e-002	-5.485e-004	5.623e-002	1.031e-003
80	-4.383e-003	5.935e-004	-1.404e-002	4.247e-002	7.227e-002	1.908e-001
81	-5.515e-002	1.426e-003	1.017e-002	3.093e-002	8.832e-002	-4.031e-002
82	2.060e-002	2.212e-003	1.465e-003	-6.792e-002	1.044e-001	-1.879e-001
83	3.848e-002	6.492e-003	4.111e-003	-1.226e-001	1.082e-001	1.869e-001
84	3.945e-002	6.342e-003	-6.711e-003	-1.263e-001	1.033e-001	-1.856e-001
85	3.938e-002	-6.354e-003	-6.999e-003	1.237e-001	1.067e-001	1.872e-001
86	6.351e-002	-3.370e-006	-2.447e-002	-1.401e-003	3.544e-003	7.842e-004
87	3.856e-002	-6.490e-003	3.821e-003	1.253e-001	1.047e-001	-1.853e-001
88	6.490e-002	-1.638e-006	2.597e-002	1.438e-003	8.388e-004	7.790e-004
89	5.184e-002	4.102e-003	1.457e-002	-1.402e-001	6.683e-002	2.108e-001
90	-8.863e-002	2.720e-003	-6.527e-003	3.300e-002	3.820e-002	1.839e-001
91	-5.248e-002	1.247e-003	1.994e-002	4.229e-002	9.582e-003	-2.850e-001
92	6.227e-002	-2.679e-004	2.557e-002	1.292e-003	-1.904e-002	-4.701e-005
93	-5.236e-002	-1.784e-003	2.063e-002	-4.274e-002	8.879e-003	2.849e-001
94	-8.862e-002	-3.241e-003	-6.755e-003	-3.524e-002	3.680e-002	-1.833e-001
95	5.147e-002	-4.590e-003	1.394e-002	1.413e-001	6.472e-002	-2.099e-001
96	5.245e-002	-4.183e-003	-1.733e-002	1.432e-001	6.486e-002	2.112e-001
97	-8.759e-002	-2.778e-003	6.353e-003	-2.638e-002	3.806e-002	1.838e-001
98	-5.236e-002	-1.280e-003	-1.797e-002	-4.172e-002	1.125e-002	-2.820e-001
99	6.137e-002	2.601e-004	-2.434e-002	-1.282e-003	-1.556e-002	-3.221e-005
100	-5.225e-002	1.802e-003	-1.865e-002	4.216e-002	1.054e-002	2.818e-001
101	-8.758e-002	3.284e-003	6.579e-003	2.861e-002	3.665e-002	-1.832e-001
102	5.208e-002	4.656e-003	-1.670e-002	-1.442e-001	6.275e-002	-2.102e-001
103	5.592e-002	-5.047e-003	1.929e-002	1.560e-001	3.224e-003	-4.475e-002
104	5.620e-002	5.300e-003	-2.173e-002	-1.590e-001	7.685e-004	-4.625e-002
105	5.833e-002	3.326e-004	-2.076e-002	-8.767e-004	-3.713e-002	-6.670e-004
106	5.870e-002	-3.361e-004	2.140e-002	8.673e-004	-4.136e-002	-7.040e-004
107	5.669e-002	-4.730e-003	-2.250e-002	1.584e-001	5.498e-004	4.542e-002

Vettori modali 76 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
108	5.640e-002	4.471e-003	2.005e-002	-1.555e-001	3.004e-003	4.385e-002
109	5.371e-002	-1.104e-002	1.377e-002	1.009e-001	-6.165e-002	-1.982e-002
110	5.430e-002	2.189e-004	-1.222e-002	-4.226e-004	-5.996e-002	-1.114e-003
111	5.438e-002	-2.149e-004	1.229e-002	4.067e-004	-6.220e-002	-1.147e-003
112	5.378e-002	1.125e-002	-1.588e-002	-1.046e-001	-6.313e-002	-2.132e-002
113	5.418e-002	-1.090e-002	-1.642e-002	1.044e-001	-6.544e-002	1.950e-002
114	5.410e-002	1.070e-002	1.431e-002	-1.008e-001	-6.396e-002	1.794e-002
115	5.184e-002	-6.575e-005	-9.890e-004	2.413e-003	-9.057e-002	1.329e-001
116	-1.005e-001	-4.373e-005	2.854e-004	2.095e-003	-8.328e-002	2.551e-001
117	-8.198e-002	-2.024e-005	5.466e-004	-1.062e-003	-7.600e-002	-3.050e-001
118	5.196e-002	3.915e-006	-5.494e-005	-5.950e-006	-6.871e-002	-1.138e-003
119	-8.143e-002	2.822e-005	5.445e-004	1.065e-003	-7.497e-002	3.055e-001
120	-1.007e-001	5.159e-005	2.868e-004	-2.090e-003	-8.124e-002	-2.534e-001
121	5.152e-002	7.323e-005	-9.892e-004	-2.427e-003	-8.750e-002	-1.345e-001
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.908e-004	-3.421e-005	2.954e-003	3.502e-002	1.515e-002	-1.150e-006
124	-1.867e-004	3.165e-005	-3.581e-003	-4.077e-002	2.356e-002	-6.856e-007
125	-3.198e-003	-9.938e-005	-2.029e-004	-6.454e-003	-3.343e-003	7.008e-007
126	-3.074e-003	3.216e-004	2.836e-003	-4.609e-003	3.083e-003	2.197e-007
127	-3.090e-003	-2.923e-004	-4.025e-003	3.127e-003	1.973e-002	3.056e-007
128	-3.428e-008	-7.836e-009	-5.977e-010	3.898e-002	7.317e-003	3.663e-007
129	-5.302e-008	-8.582e-010	-8.247e-011	7.619e-004	-7.495e-003	-3.837e-007
130	-6.188e-005	1.703e-005	-8.542e-007	9.222e-003	7.303e-003	1.553e-007
131	-1.745e-008	7.307e-009	5.884e-010	-4.901e-002	-7.435e-003	1.422e-007
132	-1.775e-003	-1.248e-004	1.506e-002	2.270e-002	9.059e-002	-1.466e-007
133	-1.664e-003	1.190e-004	-1.800e-002	-2.795e-002	5.365e-002	2.996e-007
134	-2.891e-003	-6.308e-006	1.236e-002	-3.343e-002	4.053e-002	4.633e-007
135	-3.048e-003	1.999e-005	-1.490e-002	4.029e-002	8.701e-002	-7.533e-008
136	-3.219e-003	5.788e-006	-1.210e-005	-2.676e-004	5.071e-003	-5.119e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.198e-003	-9.940e-005	-2.029e-004	7.769e-003	-3.648e-003	-1.806e-007
139	-3.074e-003	3.217e-004	2.836e-003	7.787e-003	2.792e-003	-3.467e-007
140	-3.090e-003	-2.923e-004	-4.025e-003	-4.922e-003	2.001e-002	-4.729e-007
141	-2.363e-004	9.613e-004	2.951e-003	-3.772e-002	1.736e-002	7.266e-007
142	-2.279e-004	-9.011e-004	-3.582e-003	4.210e-002	2.603e-002	2.917e-007
143	-3.219e-003	5.802e-006	-1.210e-005	2.625e-004	5.327e-003	4.824e-008
144	-2.946e-003	6.814e-004	1.247e-002	3.074e-002	4.072e-002	9.180e-008
145	-3.118e-003	-6.392e-004	-1.503e-002	-3.903e-002	8.839e-002	2.081e-007
146	-1.874e-003	9.056e-004	1.511e-002	-2.022e-002	9.159e-002	1.968e-007
147	-1.755e-003	-8.487e-004	-1.807e-002	2.690e-002	5.508e-002	-2.854e-007
148	-2.131e-008	9.640e-004	-7.854e-011	-3.602e-002	6.942e-003	-1.639e-007
149	-3.771e-008	-5.342e-006	-8.797e-011	-7.537e-004	-7.056e-003	4.118e-007
150	-4.103e-005	-3.060e-004	7.286e-007	-9.829e-003	6.891e-003	-1.983e-007
151	-9.620e-009	-9.056e-004	1.345e-010	4.747e-002	-6.934e-003	-8.934e-008

Vettori modali 77 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.587e-004	2.759e-004	-1.567e-004	2.080e-002	3.072e-002	-2.722e-006
2	1.598e-004	2.020e-004	-4.272e-004	1.433e-003	-4.232e-002	-2.406e-006
3	-1.106e-004	1.898e-004	-3.539e-004	-2.524e-002	1.378e-002	-9.075e-007
4	7.872e-005	2.030e-004	-1.780e-004	-2.002e-002	-2.194e-002	3.598e-007
5	1.477e-004	5.947e-006	-1.775e-004	-2.162e-003	1.316e-001	-1.964e-003
6	-1.733e-004	5.173e-006	-2.129e-004	-2.589e-003	-1.324e-001	2.331e-003
7	7.413e-005	4.520e-005	-1.651e-004	1.996e-002	-2.174e-002	-1.701e-007
8	-1.034e-004	6.767e-005	-3.461e-004	2.518e-002	1.396e-002	5.573e-007
9	1.573e-004	4.872e-005	-4.279e-004	-1.458e-003	-4.249e-002	1.718e-006

Vettori modali 77 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
10	-1.571e-004	-9.436e-006	-1.550e-004	-2.075e-002	3.057e-002	1.912e-006
11	-1.486e-004	1.418e-004	-1.279e-003	2.315e-006	3.377e-003	-2.376e-005
12	4.171e-004	1.302e-004	-2.111e-005	5.267e-006	1.282e-002	1.187e-005
13	-4.681e-004	1.289e-004	-6.551e-005	4.203e-006	-1.326e-002	-1.269e-005
14	1.506e-004	1.854e-004	-1.793e-004	2.185e-003	1.316e-001	1.985e-003
15	-1.801e-004	1.786e-004	-2.147e-004	2.612e-003	-1.324e-001	-2.388e-003
16	0.000e+000	0.000e+000	0.000e+000	-2.246e-003	7.908e-004	-1.604e-003
17	0.000e+000	0.000e+000	0.000e+000	1.486e-002	2.294e-005	-2.321e-006
18	-1.964e-005	-9.482e-005	-4.691e-005	9.011e-003	2.813e-004	-6.155e-004
19	0.000e+000	0.000e+000	0.000e+000	-2.695e-003	-8.293e-004	1.869e-003
20	1.231e-005	4.312e-005	-8.582e-004	-7.223e-004	9.648e-002	8.868e-004
21	-3.210e-005	3.164e-005	5.688e-003	4.369e-003	4.637e-003	6.294e-005
22	-1.548e-004	4.883e-005	-1.019e-003	-8.502e-004	-9.715e-002	-9.990e-004
23	8.499e-005	9.136e-005	-6.107e-004	1.435e-003	5.465e-002	-8.318e-004
24	-4.403e-005	6.170e-005	3.755e-003	-1.092e-002	2.269e-003	1.474e-005
25	-3.460e-005	9.353e-005	-7.373e-004	1.642e-003	-5.521e-002	7.230e-004
26	-5.252e-005	1.446e-004	-6.715e-004	1.371e-006	4.076e-004	6.356e-007
27	8.172e-005	1.597e-004	-6.131e-004	-1.448e-003	5.466e-002	8.302e-004
28	-4.387e-005	2.227e-004	3.756e-003	1.092e-002	2.142e-003	-1.150e-005
29	-3.331e-005	1.542e-004	-7.403e-004	-1.655e-003	-5.520e-002	-7.157e-004
30	1.202e-005	1.823e-004	-8.653e-004	7.229e-004	9.650e-002	-9.024e-004
31	-3.220e-005	2.449e-004	5.689e-003	-4.370e-003	4.820e-003	-7.655e-005
32	-1.598e-004	1.712e-004	-1.026e-003	8.517e-004	-9.714e-002	1.025e-003
33	0.000e+000	1.824e-004	0.000e+000	2.268e-003	7.914e-004	1.659e-003
34	0.000e+000	2.698e-004	0.000e+000	-1.486e-002	2.217e-005	5.446e-005
35	-1.745e-005	3.620e-004	-4.671e-005	-9.004e-003	2.808e-004	5.070e-004
36	0.000e+000	1.738e-004	0.000e+000	2.718e-003	-8.284e-004	-1.990e-003
37	4.171e-002	-1.733e-004	-2.443e-004	1.577e-003	-2.426e-002	-7.052e-002
38	-4.197e-002	-1.616e-004	-3.096e-004	1.825e-003	2.444e-002	7.069e-002
39	4.606e-002	2.876e-005	-5.434e-004	3.447e-004	5.437e-002	5.670e-006
40	-4.578e-002	2.955e-005	-4.883e-004	3.406e-004	-5.355e-002	-7.551e-006
41	4.172e-002	2.474e-004	-2.456e-004	-1.127e-003	-2.427e-002	7.054e-002
42	-4.197e-002	2.380e-004	-3.110e-004	-1.400e-003	2.445e-002	-7.073e-002
43	-1.623e-002	-5.357e-004	-3.020e-004	-8.429e-004	-1.345e-001	-1.391e-001
44	1.633e-002	-6.357e-004	-3.947e-004	-8.031e-004	1.352e-001	1.390e-001
45	1.266e-002	-1.007e-004	-1.045e-003	2.403e-005	-1.556e-001	-5.273e-007
46	-1.240e-002	-9.967e-005	-8.926e-004	2.743e-005	1.547e-001	-2.410e-006
47	-1.624e-002	4.080e-004	-3.026e-004	9.637e-004	-1.345e-001	1.391e-001
48	1.633e-002	5.157e-004	-3.956e-004	9.346e-004	1.352e-001	-1.391e-001
49	-4.079e-002	5.395e-004	-3.502e-004	-2.134e-003	6.311e-002	-2.110e-001
50	4.092e-002	5.119e-004	-4.679e-004	-2.263e-003	-6.388e-002	2.107e-001
51	5.214e-002	3.694e-004	3.339e-003	8.113e-003	3.830e-002	-8.158e-002
52	-5.192e-002	3.500e-004	3.099e-003	8.167e-003	-3.887e-002	8.179e-002
53	1.463e-002	1.863e-004	2.904e-003	-9.692e-003	1.349e-002	1.861e-001
54	-1.471e-002	1.758e-004	2.920e-003	-8.932e-003	-1.386e-002	-1.853e-001
55	-5.242e-002	-3.196e-006	-1.529e-003	-1.989e-004	-1.132e-002	-7.027e-006
56	5.215e-002	-4.436e-006	-1.280e-003	-1.969e-004	1.115e-002	2.982e-006
57	1.464e-002	-1.920e-004	2.847e-003	9.843e-003	1.350e-002	-1.861e-001
58	-1.471e-002	-1.840e-004	2.866e-003	9.084e-003	-1.387e-002	1.853e-001
59	5.214e-002	-3.741e-004	3.395e-003	-7.961e-003	3.832e-002	8.160e-002
60	-5.192e-002	-3.571e-004	3.156e-003	-8.022e-003	-3.888e-002	-8.180e-002
61	-4.079e-002	-5.432e-004	-3.501e-004	1.736e-003	6.313e-002	2.110e-001
62	4.092e-002	-5.178e-004	-4.682e-004	1.872e-003	-6.390e-002	-2.107e-001
63	-1.974e-002	4.041e-003	-6.165e-004	-5.602e-004	-1.306e-001	-5.317e-004
64	2.647e-003	8.112e-005	-1.744e-003	-3.697e-005	-1.748e-001	1.889e-005

Vettori modali 77 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
65	-1.974e-002	-3.872e-003	-6.163e-004	4.836e-004	-1.306e-001	5.688e-004
66	1.941e-002	4.170e-003	-4.875e-004	-7.241e-004	1.302e-001	1.043e-003
67	-2.487e-003	8.051e-005	-2.067e-003	-3.089e-005	1.762e-001	-1.793e-005
68	1.942e-002	-4.002e-003	-4.868e-004	6.591e-004	1.302e-001	-1.077e-003
69	3.017e-002	2.067e-003	-1.593e-002	-2.115e-002	-1.431e-002	-2.489e-001
70	7.266e-002	4.048e-003	-9.240e-003	3.956e-002	6.006e-003	1.293e-001
71	-4.728e-002	-5.862e-003	-7.500e-004	4.128e-002	2.631e-002	-2.226e-001
72	7.265e-002	-4.021e-003	-9.192e-003	-3.974e-002	5.999e-003	-1.293e-001
73	3.018e-002	-2.039e-003	-1.600e-002	2.102e-002	-1.431e-002	2.488e-001
74	-6.400e-002	1.334e-005	-2.166e-003	1.954e-004	-3.463e-002	3.561e-005
75	-4.728e-002	5.888e-003	-7.493e-004	-4.086e-002	2.632e-002	2.227e-001
76	4.730e-002	-5.898e-003	-6.139e-004	4.214e-002	-2.460e-002	2.239e-001
77	-7.329e-002	-4.046e-003	-8.985e-003	-4.038e-002	-4.715e-003	1.296e-001
78	-3.023e-002	-2.053e-003	-1.626e-002	2.023e-002	1.517e-002	-2.510e-001
79	6.465e-002	1.170e-005	-2.556e-003	1.913e-004	3.506e-002	-2.940e-005
80	-3.022e-002	2.077e-003	-1.619e-002	-2.036e-002	1.516e-002	2.510e-001
81	-7.330e-002	4.070e-003	-9.031e-003	4.021e-002	-4.735e-003	-1.296e-001
82	4.731e-002	5.921e-003	-6.125e-004	-4.173e-002	-2.463e-002	-2.240e-001
83	-3.648e-002	-4.965e-003	3.827e-003	6.500e-002	9.457e-002	-1.187e-001
84	3.683e-002	4.859e-003	3.917e-003	-6.602e-002	-9.281e-002	-1.198e-001
85	3.683e-002	-4.919e-003	3.913e-003	6.645e-002	-9.278e-002	1.198e-001
86	6.004e-002	-2.987e-005	-3.259e-004	2.185e-004	-9.042e-002	-2.508e-005
87	-3.648e-002	4.905e-003	3.828e-003	-6.456e-002	9.457e-002	1.187e-001
88	-5.940e-002	-2.983e-005	4.030e-005	2.280e-004	9.003e-002	2.902e-005
89	-1.919e-002	2.143e-003	1.700e-002	-3.161e-002	1.262e-001	-8.387e-002
90	5.025e-002	1.453e-003	-3.187e-002	-8.744e-002	1.469e-001	-9.164e-002
91	2.626e-002	7.132e-004	-2.758e-002	9.881e-002	1.677e-001	1.624e-001
92	-3.777e-002	-5.199e-005	1.670e-002	5.876e-005	1.885e-001	-7.525e-005
93	2.629e-002	-8.193e-004	-2.756e-002	-9.885e-002	1.677e-001	-1.623e-001
94	5.023e-002	-1.558e-003	-3.188e-002	8.739e-002	1.469e-001	9.171e-002
95	-1.919e-002	-2.242e-003	1.700e-002	3.174e-002	1.261e-001	8.371e-002
96	1.978e-002	2.119e-003	1.691e-002	-3.006e-002	-1.249e-001	8.574e-002
97	-5.108e-002	1.438e-003	-3.177e-002	-8.796e-002	-1.462e-001	9.372e-002
98	-2.684e-002	7.060e-004	-2.785e-002	9.826e-002	-1.675e-001	-1.651e-001
99	3.833e-002	-5.033e-005	1.637e-002	4.967e-005	-1.889e-001	7.458e-005
100	-2.687e-002	-8.089e-004	-2.784e-002	-9.829e-002	-1.675e-001	1.651e-001
101	-5.107e-002	-1.539e-003	-3.178e-002	8.793e-002	-1.462e-001	-9.378e-002
102	1.977e-002	-2.216e-003	1.691e-002	3.018e-002	-1.249e-001	-8.557e-002
103	-5.747e-003	-1.143e-002	3.492e-002	8.229e-002	1.035e-001	-3.282e-002
104	6.433e-003	-1.136e-002	3.471e-002	8.066e-002	-1.032e-001	3.240e-002
105	1.463e-002	-2.262e-005	4.812e-002	-7.626e-005	-2.114e-001	2.340e-004
106	-1.412e-002	-2.476e-005	4.838e-002	-7.011e-005	2.108e-001	-2.386e-004
107	6.436e-003	1.132e-002	3.470e-002	-8.079e-002	-1.032e-001	-3.194e-002
108	-5.747e-003	1.138e-002	3.492e-002	-8.241e-002	1.036e-001	3.236e-002
109	-1.812e-004	-1.060e-002	4.859e-002	1.741e-001	4.906e-002	-6.677e-002
110	1.843e-003	2.655e-005	7.951e-002	-1.156e-004	-1.316e-001	2.096e-004
111	-1.386e-003	2.515e-005	7.966e-002	-1.127e-004	1.308e-001	-2.169e-004
112	8.555e-004	-1.048e-002	4.842e-002	1.731e-001	-4.973e-002	6.652e-002
113	8.571e-004	1.053e-002	4.842e-002	-1.733e-001	-4.976e-002	-6.612e-002
114	-1.801e-004	1.065e-002	4.860e-002	-1.743e-001	4.907e-002	6.637e-002
115	3.262e-004	8.604e-003	5.267e-002	-2.982e-001	-5.469e-004	6.721e-004
116	-4.221e-004	5.926e-003	-9.746e-002	-1.395e-001	-5.017e-004	1.316e-003
117	-3.996e-004	3.042e-003	-2.954e-002	3.352e-001	-4.564e-004	-1.337e-003
118	2.148e-004	5.131e-005	9.204e-002	-8.417e-005	-4.112e-004	-3.647e-006
119	-3.979e-004	-2.937e-003	-2.957e-002	-3.351e-001	-4.525e-004	1.339e-003

Vettori modali 77 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
120	-4.229e-004	-5.823e-003	-9.744e-002	1.396e-001	-4.937e-004	-1.311e-003
121	3.251e-004	-8.506e-003	5.267e-002	2.980e-001	-5.350e-004	-6.773e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.477e-004	5.947e-006	-1.775e-004	-3.970e-003	2.563e-002	5.552e-007
124	-1.733e-004	5.171e-006	-2.129e-004	-8.986e-003	-2.132e-002	-6.957e-007
125	-1.486e-004	1.418e-004	-1.279e-003	1.511e-002	-1.914e-002	2.265e-007
126	4.171e-004	1.302e-004	-2.111e-005	2.340e-003	-2.247e-002	3.237e-007
127	-4.681e-004	1.289e-004	-6.551e-005	6.483e-003	1.397e-002	-1.486e-007
128	1.240e-008	2.916e-009	2.071e-010	-5.606e-004	8.743e-003	-2.213e-007
129	6.562e-009	2.204e-009	-1.300e-011	1.841e-002	-8.638e-003	2.992e-007
130	-1.965e-005	-9.482e-005	-4.691e-005	-2.403e-002	8.983e-003	-2.083e-008
131	-1.054e-008	3.931e-009	2.820e-010	3.539e-003	-9.351e-003	7.892e-008
132	1.231e-005	4.312e-005	-8.582e-004	8.460e-004	3.984e-002	-8.792e-008
133	-1.548e-004	4.883e-005	-1.019e-003	5.087e-003	6.073e-003	-2.868e-007
134	8.499e-005	9.137e-005	-6.107e-004	-2.795e-006	-1.477e-002	-3.715e-007
135	-3.459e-005	9.354e-005	-7.373e-004	-3.819e-003	-3.371e-002	-9.500e-008
136	-5.253e-005	1.446e-004	-6.715e-004	-6.757e-003	2.431e-002	-1.549e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.486e-004	1.418e-004	-1.279e-003	-1.513e-002	-1.914e-002	-2.597e-007
139	4.171e-004	1.302e-004	-2.111e-005	-3.124e-003	-2.246e-002	-3.059e-007
140	-4.681e-004	1.289e-004	-6.551e-005	-6.521e-003	1.397e-002	1.945e-007
141	1.506e-004	1.854e-004	-1.793e-004	4.793e-003	2.569e-002	-5.078e-007
142	-1.801e-004	1.786e-004	-2.147e-004	9.057e-003	-2.116e-002	6.396e-007
143	-5.253e-005	1.446e-004	-6.715e-004	6.763e-003	2.430e-002	1.842e-007
144	8.172e-005	1.597e-004	-6.131e-004	7.770e-004	-1.465e-002	4.150e-007
145	-3.330e-005	1.542e-004	-7.403e-004	3.845e-003	-3.388e-002	1.955e-007
146	1.201e-005	1.823e-004	-8.653e-004	-1.643e-003	3.969e-002	1.653e-007
147	-1.597e-004	1.712e-004	-1.026e-003	-5.133e-003	6.311e-003	2.936e-007
148	1.109e-008	1.824e-004	7.723e-011	-2.728e-004	8.704e-003	1.426e-007
149	5.600e-009	2.698e-004	-1.254e-011	-1.841e-002	-8.603e-003	-4.314e-007
150	-1.746e-005	3.620e-004	-4.671e-005	2.420e-002	8.949e-003	1.607e-008
151	-9.439e-009	1.738e-004	1.750e-010	-3.629e-003	-9.305e-003	-6.689e-008

Vettori modali 78 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.698e-004	6.472e-003	1.632e-004	5.871e-002	1.159e-002	-1.001e-006
2	6.822e-006	6.723e-003	1.668e-004	-3.126e-003	3.758e-003	-2.759e-007
3	8.125e-005	6.891e-003	2.121e-004	-5.589e-002	-4.062e-002	-6.428e-007
4	-3.797e-005	6.947e-003	1.043e-005	5.533e-003	6.526e-003	2.191e-007
5	2.032e-004	3.741e-004	-4.452e-004	-4.314e-003	3.590e-002	-2.420e-003
6	-8.035e-005	4.110e-004	-2.379e-004	-1.852e-003	-3.447e-002	1.601e-003
7	8.368e-005	6.171e-004	2.916e-004	-1.150e-002	8.232e-003	-4.148e-007
8	8.667e-005	1.554e-003	5.241e-004	8.543e-002	-6.143e-002	6.038e-008
9	2.669e-004	1.890e-003	-1.820e-004	6.626e-003	-2.055e-003	6.719e-007
10	-3.944e-004	3.087e-003	3.802e-005	-9.116e-002	1.494e-002	1.229e-007
11	-1.872e-004	5.129e-003	1.749e-004	-1.024e-002	-1.824e-004	9.101e-004
12	1.575e-004	5.200e-003	2.264e-004	-2.903e-002	2.624e-004	-5.893e-005
13	-3.423e-004	5.342e-003	2.355e-004	-3.032e-002	-1.276e-004	1.877e-004
14	-4.220e-005	7.354e-003	4.776e-004	-4.730e-003	-3.759e-002	-3.131e-004
15	-5.140e-005	7.535e-003	2.774e-004	-2.328e-003	3.526e-002	-7.323e-004
16	0.000e+000	0.000e+000	0.000e+000	-6.190e-003	2.320e-004	-2.478e-003
17	0.000e+000	0.000e+000	0.000e+000	-5.527e-004	-2.647e-005	2.822e-003
18	-1.216e-005	8.324e-004	-6.151e-006	-1.546e-003	6.027e-005	1.721e-003
19	0.000e+000	0.000e+000	0.000e+000	-3.534e-003	-1.901e-004	8.554e-005
20	6.507e-004	1.895e-003	3.981e-003	1.775e-002	2.536e-002	-2.375e-004
21	-3.076e-005	1.834e-003	-1.750e-004	4.656e-005	-1.848e-002	-5.675e-004

Vettori modali 78 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
22	-7.865e-004	1.993e-003	4.866e-003	1.832e-002	-2.431e-002	7.167e-004
23	5.346e-004	3.617e-003	9.343e-003	-2.812e-003	1.281e-002	8.139e-004
24	-1.210e-004	3.505e-003	-3.519e-005	4.760e-004	1.058e-002	1.739e-004
25	-4.779e-004	3.728e-003	9.987e-003	-3.946e-003	-1.222e-002	-8.924e-004
26	-8.991e-005	4.945e-003	1.341e-004	-2.025e-004	-1.082e-004	2.268e-004
27	3.297e-004	6.203e-003	-8.749e-003	-2.607e-003	-1.306e-002	-2.051e-004
28	-1.099e-004	5.964e-003	-1.755e-004	-5.669e-004	3.013e-003	-5.898e-005
29	-4.942e-004	6.346e-003	-9.383e-003	-3.792e-003	1.233e-002	3.316e-004
30	1.764e-004	6.926e-003	-3.547e-003	1.682e-002	-2.639e-002	7.661e-004
31	-1.686e-005	6.581e-003	-2.589e-004	2.372e-004	-1.147e-002	-4.292e-004
32	-4.739e-004	7.083e-003	-4.441e-003	1.743e-002	2.480e-002	-7.245e-004
33	0.000e+000	7.325e-003	0.000e+000	-6.589e-003	-2.168e-004	-7.511e-004
34	0.000e+000	6.760e-003	0.000e+000	6.521e-004	-2.467e-005	1.116e-003
35	-2.501e-005	7.274e-003	1.684e-005	-9.107e-004	-8.597e-005	2.185e-003
36	0.000e+000	7.519e-003	0.000e+000	-4.036e-003	2.403e-004	-5.549e-004
37	1.111e-002	3.847e-002	-4.994e-003	-4.292e-002	-9.269e-003	-7.557e-003
38	-1.059e-002	3.887e-002	-4.573e-003	-4.482e-002	8.650e-003	6.956e-003
39	2.155e-004	4.354e-002	9.090e-005	-1.951e-002	-3.638e-004	-3.286e-005
40	-3.843e-004	4.355e-002	1.003e-004	-1.828e-002	6.251e-004	2.515e-004
41	-1.152e-002	4.009e-002	5.081e-003	-2.389e-002	9.334e-003	-6.252e-003
42	1.075e-002	4.052e-002	4.668e-003	-2.537e-002	-8.558e-003	5.235e-003
43	-5.370e-003	9.302e-003	-9.324e-003	1.215e-001	-3.281e-002	-1.269e-002
44	5.084e-003	9.959e-003	-8.708e-003	1.229e-001	3.136e-002	1.231e-002
45	-1.255e-004	9.608e-004	-4.860e-005	1.329e-001	-5.326e-004	-6.791e-006
46	2.051e-004	5.131e-004	-3.920e-005	1.329e-001	9.648e-004	3.152e-004
47	5.516e-003	3.740e-003	9.462e-003	1.223e-001	3.414e-002	-1.219e-002
48	-5.114e-003	4.269e-003	8.855e-003	1.237e-001	-3.190e-002	1.120e-002
49	-6.282e-003	-2.209e-002	-1.343e-002	-8.400e-002	3.347e-002	-1.808e-002
50	6.031e-003	-2.226e-002	-1.264e-002	-8.448e-002	-3.181e-002	1.793e-002
51	-2.826e-004	-2.383e-002	-1.289e-002	7.418e-002	2.258e-002	-7.874e-003
52	1.344e-004	-2.402e-002	-1.307e-002	7.172e-002	-2.161e-002	7.410e-003
53	1.289e-003	-2.460e-002	2.450e-002	2.770e-002	1.170e-002	1.596e-003
54	-1.165e-003	-2.481e-002	2.380e-002	2.853e-002	-1.141e-002	-1.958e-003
55	-5.037e-005	-2.438e-002	-1.926e-004	-1.045e-001	8.199e-004	2.055e-005
56	1.407e-004	-2.459e-002	-1.837e-004	-1.041e-001	-1.214e-003	3.820e-004
57	-1.477e-003	-2.477e-002	-2.678e-002	2.539e-002	-1.096e-002	1.548e-003
58	1.319e-003	-2.498e-002	-2.614e-002	2.607e-002	9.935e-003	-1.310e-003
59	3.192e-004	-2.416e-002	1.203e-002	8.035e-002	-2.274e-002	-8.555e-003
60	-3.218e-004	-2.435e-002	1.216e-002	7.808e-002	2.108e-002	7.790e-003
61	6.583e-003	-2.257e-002	1.361e-002	-9.078e-002	-3.452e-002	-1.842e-002
62	-6.145e-003	-2.275e-002	1.283e-002	-9.138e-002	3.223e-002	1.746e-002
63	-1.320e-002	7.166e-002	-1.555e-002	-1.281e-001	-2.237e-002	4.213e-002
64	-5.253e-004	6.408e-002	-2.312e-004	-1.144e-001	-5.656e-004	4.589e-002
65	1.347e-002	7.310e-002	1.584e-002	-1.279e-001	2.294e-002	4.197e-002
66	1.387e-002	7.139e-002	-1.647e-002	-1.274e-001	2.324e-002	-4.247e-002
67	3.907e-004	6.358e-002	-2.412e-004	-1.129e-001	3.084e-004	-4.637e-002
68	-1.436e-002	7.278e-002	1.674e-002	-1.272e-001	-2.436e-002	-4.253e-002
69	-1.616e-002	3.046e-002	2.498e-002	-7.898e-002	-6.253e-003	-3.477e-002
70	1.463e-002	3.029e-002	-2.788e-002	-5.188e-002	-1.362e-002	-4.864e-002
71	-9.091e-003	2.874e-002	-1.796e-002	2.431e-001	2.065e-002	6.758e-002
72	-1.432e-002	3.018e-002	2.856e-002	-5.122e-002	1.414e-002	-4.822e-002
73	1.601e-002	3.041e-002	-2.473e-002	-8.109e-002	7.627e-003	-3.376e-002
74	-1.961e-004	2.941e-002	-2.713e-004	1.928e-001	1.116e-003	9.372e-002
75	9.339e-003	2.890e-002	1.833e-002	2.444e-001	-2.099e-002	6.773e-002
76	9.368e-003	2.855e-002	-1.896e-002	2.422e-001	-2.217e-002	-6.811e-002

Vettori modali 78 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
77	1.464e-002	2.997e-002	2.828e-002	-4.801e-002	-1.502e-002	4.893e-002
78	-1.622e-002	3.018e-002	-2.378e-002	-8.076e-002	-7.881e-003	3.455e-002
79	1.310e-004	2.917e-002	-2.820e-004	1.900e-001	-7.384e-004	-9.514e-002
80	1.646e-002	3.023e-002	2.404e-002	-7.857e-002	7.238e-003	3.502e-002
81	-1.481e-002	3.007e-002	-2.757e-002	-4.871e-002	1.521e-002	4.974e-002
82	-9.751e-003	2.870e-002	1.932e-002	2.435e-001	2.319e-002	-6.788e-002
83	-5.666e-003	-2.813e-002	-1.726e-002	3.060e-001	1.475e-002	4.813e-002
84	-5.840e-003	-2.815e-002	1.845e-002	3.044e-001	1.744e-002	-4.817e-002
85	5.662e-003	-2.816e-002	-1.816e-002	3.039e-001	-1.632e-002	-4.828e-002
86	1.960e-005	-2.768e-002	-2.531e-004	3.033e-001	-3.861e-004	-1.034e-001
87	5.839e-003	-2.813e-002	1.762e-002	3.066e-001	-1.512e-002	4.795e-002
88	-1.751e-005	-2.765e-002	-2.154e-004	3.060e-001	7.508e-004	1.020e-001
89	-3.464e-003	-6.184e-002	-1.631e-002	1.230e-001	1.164e-002	-9.319e-002
90	6.518e-003	-6.538e-002	1.199e-002	-7.211e-003	7.799e-003	3.714e-002
91	-1.495e-002	-6.628e-002	-7.363e-003	-3.742e-002	3.959e-003	1.743e-002
92	5.620e-005	-6.450e-002	-1.786e-004	7.977e-002	1.195e-004	-6.591e-002
93	1.486e-002	-6.629e-002	7.174e-003	-3.657e-002	-3.884e-003	1.791e-002
94	-6.647e-003	-6.540e-002	-1.172e-002	-6.612e-003	-7.887e-003	3.677e-002
95	3.582e-003	-6.187e-002	1.665e-002	1.231e-001	-1.189e-002	-9.350e-002
96	3.207e-003	-6.162e-002	-1.703e-002	1.222e-001	-1.325e-002	9.316e-002
97	-6.465e-003	-6.513e-002	1.184e-002	-4.703e-003	-8.801e-003	-3.801e-002
98	1.521e-002	-6.602e-002	-6.622e-003	-3.738e-002	-4.351e-003	-1.721e-002
99	-8.803e-006	-6.424e-002	-2.505e-004	7.761e-002	9.900e-005	6.593e-002
100	-1.516e-002	-6.602e-002	6.501e-003	-3.599e-002	4.726e-003	-1.734e-002
101	6.502e-003	-6.513e-002	-1.142e-002	-4.448e-003	9.353e-003	-3.785e-002
102	-3.233e-003	-6.162e-002	1.723e-002	1.218e-001	1.398e-002	9.313e-002
103	1.795e-003	-3.375e-002	1.518e-002	-4.833e-002	-1.036e-002	-2.908e-001
104	-1.223e-003	-3.343e-002	1.549e-002	-4.943e-002	1.188e-002	2.902e-001
105	9.796e-006	-3.346e-002	-2.943e-004	-9.244e-002	3.614e-004	2.826e-001
106	5.004e-005	-3.382e-002	-2.070e-004	-9.132e-002	-3.839e-004	-2.838e-001
107	1.262e-003	-3.346e-002	-1.536e-002	-4.889e-002	-1.171e-002	2.904e-001
108	-1.713e-003	-3.375e-002	-1.487e-002	-4.820e-002	1.016e-002	-2.908e-001
109	8.314e-004	2.504e-002	1.414e-002	-1.178e-001	-3.621e-003	-2.639e-001
110	2.742e-005	2.779e-002	-3.648e-004	-1.557e-001	3.257e-004	2.641e-001
111	2.200e-005	2.761e-002	-3.036e-004	-1.554e-001	-5.866e-004	-2.655e-001
112	-1.687e-004	2.529e-002	1.425e-002	-1.184e-001	4.437e-003	2.629e-001
113	2.101e-004	2.525e-002	-1.409e-002	-1.177e-001	-4.808e-003	2.631e-001
114	-7.725e-004	2.504e-002	-1.385e-002	-1.173e-001	3.460e-003	-2.640e-001
115	-2.987e-004	5.633e-002	-1.374e-002	-9.944e-002	-6.127e-004	-6.513e-004
116	5.326e-005	5.998e-002	-1.803e-002	7.679e-002	-4.683e-004	-6.093e-004
117	1.499e-004	6.121e-002	2.553e-002	4.113e-002	-3.239e-004	2.458e-004
118	2.069e-005	5.996e-002	-3.877e-004	-1.295e-001	-1.795e-004	-1.673e-004
119	-1.757e-004	6.121e-002	-2.579e-002	4.316e-002	-3.842e-005	4.110e-004
120	-9.771e-005	5.999e-002	1.862e-002	7.736e-002	1.026e-004	-7.263e-004
121	3.406e-004	5.635e-002	1.398e-002	-1.005e-001	2.437e-004	-7.780e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.032e-004	3.741e-004	-4.452e-004	1.002e-002	-1.193e-002	3.200e-006
124	-8.037e-005	4.110e-004	-2.379e-004	-1.289e-003	2.913e-002	-2.767e-006
125	-1.872e-004	5.129e-003	1.749e-004	8.780e-002	8.603e-003	-1.697e-006
126	1.575e-004	5.200e-003	2.264e-004	-4.574e-002	9.259e-003	2.438e-006
127	-3.423e-004	5.342e-003	2.355e-004	-3.305e-002	-8.950e-003	-2.276e-006
128	1.921e-008	1.289e-007	7.883e-009	-2.477e-002	-4.325e-003	7.950e-007
129	1.558e-008	1.892e-007	2.002e-009	-1.272e-003	4.302e-003	-6.777e-007
130	-1.217e-005	8.324e-004	-6.150e-006	-9.067e-002	-4.368e-003	-4.240e-007
131	-1.858e-008	7.801e-008	4.601e-009	-7.512e-003	4.191e-003	-8.660e-007

Vettori modali 78 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
132	6.507e-004	1.895e-003	3.981e-003	1.159e-002	2.776e-002	9.065e-007
133	-7.865e-004	1.993e-003	4.866e-003	2.586e-002	1.031e-001	-6.910e-010
134	5.346e-004	3.617e-003	9.343e-003	9.495e-003	1.622e-002	-2.252e-006
135	-4.779e-004	3.728e-003	9.987e-003	-5.640e-003	-9.362e-002	7.732e-007
136	-8.991e-005	4.945e-003	1.341e-004	3.296e-004	-8.952e-003	4.774e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.872e-004	5.129e-003	1.749e-004	-5.689e-002	-4.007e-005	1.265e-007
139	1.575e-004	5.200e-003	2.264e-004	-5.869e-002	5.151e-004	-1.357e-006
140	-3.423e-004	5.342e-003	2.355e-004	-5.265e-002	-2.289e-004	1.574e-006
141	-4.219e-005	7.354e-003	4.776e-004	2.064e-002	-1.099e-002	-1.295e-006
142	-5.141e-005	7.535e-003	2.774e-004	1.654e-002	2.356e-002	9.977e-007
143	-8.992e-005	4.945e-003	1.341e-004	-8.122e-004	-2.608e-004	-3.148e-007
144	3.297e-004	6.203e-003	-8.749e-003	2.273e-002	-2.750e-002	1.948e-006
145	-4.942e-004	6.346e-003	-9.384e-003	1.406e-002	2.141e-002	-6.180e-007
146	1.764e-004	6.926e-003	-3.547e-003	-1.705e-003	-2.514e-002	-1.187e-006
147	-4.739e-004	7.083e-003	-4.441e-003	5.853e-003	9.024e-002	-7.866e-008
148	5.993e-009	7.325e-003	2.396e-009	-3.146e-002	1.437e-003	-1.906e-007
149	1.760e-009	6.760e-003	-2.371e-010	8.085e-004	-1.441e-003	5.406e-007
150	-2.502e-005	7.274e-003	1.684e-005	6.017e-002	1.149e-003	-1.441e-007
151	-8.208e-009	7.519e-003	1.354e-009	-2.273e-002	-1.135e-003	1.626e-007

Vettori modali 79 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	6.286e-005	-1.856e-003	1.249e-004	-2.568e-002	-2.938e-003	2.026e-007
2	-7.433e-005	-1.916e-003	3.256e-004	-1.191e-003	8.675e-003	1.808e-007
3	6.127e-006	-1.987e-003	1.147e-004	2.403e-002	2.079e-002	-2.433e-007
4	-2.262e-005	-2.010e-003	3.795e-006	1.480e-003	-1.816e-003	4.559e-008
5	9.898e-005	-1.049e-004	-1.788e-004	3.159e-003	1.826e-001	-9.666e-004
6	-1.521e-004	-1.151e-004	2.501e-004	8.288e-003	-1.769e-001	1.517e-003
7	1.934e-006	-1.566e-004	-8.642e-005	6.484e-003	-2.377e-003	2.351e-007
8	-5.311e-005	-4.277e-004	-3.223e-004	-1.749e-002	9.280e-003	-3.295e-007
9	-1.871e-005	-5.073e-004	-3.191e-004	-4.094e-003	-9.281e-003	-1.195e-007
10	1.219e-004	-8.693e-004	-1.818e-004	1.833e-002	-4.944e-003	-7.011e-008
11	4.565e-005	-1.439e-003	-5.323e-005	-1.720e-002	4.217e-005	-2.695e-004
12	-5.676e-005	-1.464e-003	-6.218e-005	-4.876e-002	-6.352e-005	1.735e-005
13	9.129e-005	-1.505e-003	-6.343e-005	-5.120e-002	2.106e-005	3.690e-004
14	-1.505e-004	-2.115e-003	1.729e-004	3.238e-003	-1.821e-001	-1.630e-003
15	1.939e-004	-2.154e-003	-2.577e-004	8.380e-003	1.766e-001	2.226e-003
16	0.000e+000	0.000e+000	0.000e+000	-4.932e-003	1.103e-003	-1.193e-003
17	0.000e+000	0.000e+000	0.000e+000	2.606e-004	2.026e-005	-7.653e-004
18	-1.015e-005	-3.251e-004	-6.150e-005	3.558e-004	3.749e-004	-1.127e-003
19	0.000e+000	0.000e+000	0.000e+000	5.463e-004	-1.104e-003	2.022e-003
20	-3.135e-004	-4.967e-004	1.071e-002	3.388e-002	1.286e-001	1.256e-003
21	2.393e-006	-5.094e-004	1.045e-004	1.007e-004	8.981e-003	2.003e-004
22	1.914e-004	-5.261e-004	1.255e-002	3.499e-002	-1.246e-001	-1.575e-003
23	-3.370e-004	-1.010e-003	1.857e-002	-1.243e-002	6.425e-002	-7.035e-004
24	4.120e-006	-9.774e-004	8.983e-005	-1.847e-004	1.369e-003	-6.075e-005
25	4.784e-004	-1.045e-003	1.984e-002	-1.487e-002	-6.227e-002	4.517e-004
26	1.673e-005	-1.404e-003	-4.266e-005	-1.932e-004	3.166e-005	-4.335e-005
27	6.444e-005	-1.757e-003	-1.873e-002	-1.247e-002	-6.418e-002	-4.120e-004
28	4.775e-005	-1.700e-003	-3.075e-005	1.345e-004	-5.301e-003	-5.918e-006
29	-2.051e-004	-1.799e-003	-1.999e-002	-1.489e-002	6.221e-002	7.386e-005
30	5.673e-005	-1.948e-003	-1.081e-002	3.413e-002	-1.283e-001	9.499e-004
31	4.744e-006	-1.908e-003	2.535e-005	4.896e-005	-3.040e-004	1.389e-004
32	1.769e-004	-1.988e-003	-1.265e-002	3.523e-002	1.244e-001	-1.178e-003
33	0.000e+000	-2.108e-003	0.000e+000	-4.861e-003	-1.108e-003	-1.764e-003

Vettori modali 79 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
34	0.000e+000	-1.999e-003	0.000e+000	-1.025e-004	-4.760e-006	-2.633e-004
35	1.924e-005	-2.216e-003	5.824e-005	1.456e-004	-3.670e-004	-1.149e-003
36	0.000e+000	-2.149e-003	0.000e+000	6.418e-004	1.088e-003	2.269e-003
37	5.553e-002	-1.533e-002	-1.719e-002	1.601e-002	-4.739e-002	-1.042e-002
38	-5.383e-002	-1.512e-002	-1.626e-002	1.256e-002	4.603e-002	1.047e-002
39	-7.537e-005	3.554e-003	-2.570e-005	2.097e-002	1.176e-004	1.702e-002
40	1.136e-004	2.942e-003	-2.727e-005	2.311e-002	-1.492e-004	-1.622e-002
41	-5.543e-002	-1.585e-002	1.717e-002	1.061e-002	4.739e-002	-1.085e-002
42	5.378e-002	-1.564e-002	1.624e-002	7.079e-003	-4.606e-002	1.100e-002
43	-2.789e-002	-3.450e-003	-3.343e-002	-4.681e-002	-1.637e-001	-1.987e-002
44	2.705e-002	-2.206e-003	-3.204e-002	-4.579e-002	1.586e-001	1.943e-002
45	4.086e-005	-7.965e-003	1.193e-005	4.503e-003	1.885e-004	3.403e-002
46	-5.119e-005	-8.706e-003	1.010e-005	2.669e-003	-2.931e-004	-3.281e-002
47	2.785e-002	-1.877e-003	3.340e-002	-4.715e-002	1.633e-001	-2.007e-002
48	-2.704e-002	-6.075e-004	3.201e-002	-4.613e-002	-1.585e-001	1.977e-002
49	-3.094e-002	5.683e-003	-4.886e-002	4.594e-002	1.692e-001	-2.978e-002
50	2.997e-002	5.616e-003	-4.706e-002	4.642e-002	-1.641e-001	2.882e-002
51	-8.492e-003	5.836e-003	-1.453e-003	1.213e-001	1.127e-001	-6.494e-002
52	8.240e-003	5.752e-003	-1.510e-003	1.153e-001	-1.093e-001	6.289e-002
53	1.636e-002	5.747e-003	3.231e-002	-1.679e-002	5.623e-002	-1.022e-002
54	-1.584e-002	5.649e-003	3.056e-002	-1.582e-002	-5.447e-002	9.955e-003
55	2.111e-005	5.422e-003	5.085e-005	-4.461e-002	-2.672e-004	5.186e-002
56	-4.457e-005	5.313e-003	4.879e-005	-4.220e-002	3.424e-004	-5.020e-002
57	-1.630e-002	5.794e-003	-3.167e-002	-1.615e-002	-5.650e-002	-1.016e-002
58	1.580e-002	5.697e-003	-2.991e-002	-1.514e-002	5.489e-002	9.747e-003
59	8.470e-003	5.928e-003	1.686e-003	1.196e-001	-1.127e-001	-6.476e-002
60	-8.180e-003	5.845e-003	1.754e-003	1.136e-001	1.094e-001	6.278e-002
61	3.086e-002	5.816e-003	4.882e-002	4.794e-002	-1.690e-001	-2.974e-002
62	-2.993e-002	5.752e-003	4.702e-002	4.845e-002	1.640e-001	2.898e-002
63	-6.641e-002	-1.095e-002	-5.808e-002	9.094e-003	-1.039e-001	-1.837e-002
64	1.524e-004	-2.028e-002	6.055e-005	6.715e-002	1.760e-004	-2.990e-003
65	6.633e-002	-1.140e-002	5.802e-002	9.041e-003	1.037e-001	-1.832e-002
66	6.846e-002	-1.048e-002	-6.016e-002	8.946e-003	1.071e-001	1.889e-002
67	-1.239e-004	-2.037e-002	6.307e-005	6.890e-002	-1.040e-004	3.360e-003
68	-6.833e-002	-1.091e-002	6.010e-002	8.887e-003	-1.068e-001	1.889e-002
69	-1.214e-002	-8.046e-003	-5.402e-002	5.163e-003	-4.239e-002	-1.365e-002
70	1.044e-002	-7.318e-003	1.289e-002	1.914e-001	-8.445e-002	-5.784e-002
71	-3.731e-002	-6.236e-003	-6.713e-002	-3.207e-003	1.266e-001	-6.799e-002
72	-1.053e-002	-7.282e-003	-1.308e-002	1.912e-001	8.431e-002	-5.795e-002
73	1.218e-002	-8.027e-003	5.393e-002	5.745e-003	4.199e-002	-1.395e-002
74	5.672e-005	-8.441e-003	7.028e-005	-1.308e-001	-3.379e-004	4.664e-002
75	3.725e-002	-6.288e-003	6.705e-002	-3.609e-003	-1.265e-001	-6.805e-002
76	3.825e-002	-6.367e-003	-6.943e-002	-1.157e-003	-1.316e-001	7.006e-002
77	1.077e-002	-7.442e-003	-1.330e-002	1.967e-001	-8.765e-002	5.920e-002
78	-1.241e-002	-8.210e-003	5.539e-002	5.393e-003	-4.370e-002	1.424e-002
79	-3.861e-005	-8.639e-003	7.318e-005	-1.335e-001	2.503e-004	-4.763e-002
80	1.235e-002	-8.227e-003	-5.548e-002	4.790e-003	4.394e-002	1.408e-002
81	-1.072e-002	-7.475e-003	1.311e-002	1.970e-001	8.762e-002	5.901e-002
82	-3.816e-002	-6.415e-003	6.935e-002	-1.549e-003	1.313e-001	7.002e-002
83	-1.671e-002	5.352e-003	-6.152e-002	-4.812e-002	8.864e-002	-6.832e-002
84	-1.667e-002	5.322e-003	6.328e-002	-4.810e-002	9.368e-002	7.030e-002
85	1.671e-002	5.324e-003	-6.334e-002	-4.794e-002	-9.398e-002	7.033e-002
86	-4.849e-007	7.514e-003	6.200e-005	-1.012e-001	1.402e-004	-5.621e-002
87	1.667e-002	5.350e-003	6.144e-002	-4.830e-002	-8.851e-002	-6.828e-002
88	1.816e-006	7.566e-003	5.240e-005	-1.002e-001	-2.367e-004	5.549e-002

Vettori modali 79 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
89	-6.178e-003	1.351e-002	-5.647e-002	2.432e-002	3.621e-002	-6.497e-003
90	-1.228e-002	1.505e-002	-1.218e-002	1.422e-001	2.413e-002	3.397e-003
91	-2.377e-003	1.596e-002	3.851e-002	8.757e-003	1.205e-002	-3.118e-002
92	-2.085e-005	1.622e-002	4.039e-005	-9.980e-002	-2.968e-005	4.361e-002
93	2.390e-003	1.596e-002	-3.847e-002	8.558e-003	-1.207e-002	-3.133e-002
94	1.232e-002	1.505e-002	1.212e-002	1.421e-001	-2.411e-002	3.466e-003
95	6.158e-003	1.352e-002	5.640e-002	2.429e-002	-3.615e-002	-6.417e-003
96	5.350e-003	1.360e-002	-5.771e-002	2.479e-002	-4.118e-002	6.658e-003
97	1.239e-002	1.515e-002	-1.230e-002	1.456e-001	-2.746e-002	-6.231e-003
98	3.207e-003	1.607e-002	3.945e-002	8.563e-003	-1.375e-002	3.185e-002
99	9.855e-006	1.634e-002	5.934e-005	-1.015e-001	-3.094e-005	-4.273e-002
100	-3.212e-003	1.607e-002	-3.942e-002	8.228e-003	1.365e-002	3.192e-002
101	-1.241e-002	1.515e-002	1.220e-002	1.456e-001	2.733e-002	-6.255e-003
102	-5.350e-003	1.360e-002	5.767e-002	2.488e-002	4.101e-002	6.653e-003
103	2.589e-003	5.579e-003	5.504e-002	6.390e-002	2.002e-003	3.579e-002
104	-1.267e-003	5.685e-003	5.569e-002	6.393e-002	1.452e-003	-3.544e-002
105	1.943e-006	1.258e-002	7.502e-005	-5.568e-002	-1.384e-004	-1.113e-001
106	-1.646e-005	1.237e-002	5.168e-005	-5.534e-002	1.433e-004	1.103e-001
107	1.255e-003	5.693e-003	-5.573e-002	6.379e-002	-1.444e-003	-3.549e-002
108	-2.603e-003	5.578e-003	-5.511e-002	6.386e-002	-2.006e-003	3.580e-002
109	2.039e-003	-7.053e-003	5.844e-002	8.676e-002	2.311e-002	3.749e-002
110	-5.987e-006	-3.667e-003	1.016e-004	-4.772e-002	-1.270e-004	-9.987e-002
111	-5.775e-006	-3.677e-003	8.521e-005	-4.790e-002	1.969e-004	9.896e-002
112	-5.133e-004	-6.919e-003	5.866e-002	8.662e-002	-2.141e-002	-3.770e-002
113	5.036e-004	-6.909e-003	-5.871e-002	8.641e-002	2.154e-002	-3.777e-002
114	-2.051e-003	-7.052e-003	-5.852e-002	8.660e-002	-2.312e-002	3.752e-002
115	-7.914e-004	-1.338e-002	-6.175e-002	9.560e-002	-3.702e-004	-6.982e-004
116	2.854e-005	-1.380e-002	-1.319e-002	1.128e-001	-2.308e-004	-2.072e-003
117	5.600e-004	-1.366e-002	2.627e-002	1.101e-002	-9.141e-005	4.205e-004
118	-4.810e-006	-1.295e-002	1.120e-004	-7.256e-002	4.799e-005	6.013e-004
119	-5.549e-004	-1.366e-002	-2.619e-002	1.043e-002	1.832e-004	3.836e-004
120	-1.881e-005	-1.381e-002	1.302e-002	1.127e-001	3.184e-004	-2.047e-003
121	7.820e-004	-1.338e-002	6.168e-002	9.590e-002	4.536e-004	-6.690e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	9.896e-005	-1.049e-004	-1.788e-004	-2.569e-003	2.905e-003	-5.722e-007
124	-1.521e-004	-1.151e-004	2.502e-004	9.558e-003	-8.425e-003	5.104e-007
125	4.565e-005	-1.439e-003	-5.323e-005	-1.681e-002	-1.920e-003	3.261e-007
126	-5.676e-005	-1.464e-003	-6.218e-005	-5.198e-002	-2.078e-003	-5.918e-007
127	9.129e-005	-1.505e-003	-6.343e-005	-6.002e-002	1.965e-003	4.624e-007
128	5.287e-009	-4.122e-008	-2.569e-009	-6.237e-004	3.875e-003	-4.792e-007
129	-3.284e-010	-5.836e-008	-5.723e-010	4.924e-004	-3.820e-003	2.214e-007
130	-1.016e-005	-3.251e-004	-6.150e-005	1.736e-002	4.440e-003	7.464e-008
131	-3.630e-009	-2.571e-008	-1.567e-009	-2.240e-003	-4.798e-003	4.455e-007
132	-3.135e-004	-4.967e-004	1.071e-002	5.417e-002	7.746e-002	-1.342e-007
133	1.914e-004	-5.261e-004	1.255e-002	4.882e-002	-5.200e-002	-1.095e-007
134	-3.370e-004	-1.010e-003	1.857e-002	-2.260e-002	5.144e-002	6.555e-007
135	4.784e-004	-1.045e-003	1.984e-002	-1.962e-002	-1.037e-001	-1.954e-007
136	1.673e-005	-1.404e-003	-4.266e-005	-3.880e-004	2.016e-003	-1.951e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	4.565e-005	-1.439e-003	-5.323e-005	2.569e-002	-5.839e-004	-2.713e-007
139	-5.676e-005	-1.464e-003	-6.218e-005	-4.809e-002	-7.157e-004	5.139e-007
140	9.129e-005	-1.505e-003	-6.343e-005	-5.438e-002	6.549e-004	-7.363e-007
141	-1.505e-004	-2.115e-003	1.729e-004	-5.812e-003	3.706e-003	7.384e-007
142	1.939e-004	-2.154e-003	-2.577e-004	4.386e-003	-7.089e-003	-5.302e-007
143	1.673e-005	-1.404e-003	-4.266e-005	-5.087e-005	6.561e-004	2.328e-008

Vettori modali 79 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
144	6.444e-005	-1.757e-003	-1.873e-002	-2.653e-002	-4.813e-002	-5.405e-007
145	-2.051e-004	-1.799e-003	-1.999e-002	-2.524e-002	1.249e-001	2.571e-007
146	5.674e-005	-1.948e-003	-1.081e-002	5.812e-002	-7.802e-002	5.542e-007
147	1.769e-004	-1.988e-003	-1.265e-002	5.454e-002	-4.882e-003	-9.123e-008
148	-1.223e-008	-2.108e-003	-3.973e-010	1.398e-003	-2.922e-003	-1.034e-007
149	-4.591e-009	-1.999e-003	3.683e-011	-1.349e-004	2.876e-003	-1.627e-007
150	1.925e-005	-2.216e-003	5.824e-005	-2.706e-002	-3.392e-003	-2.515e-008
151	1.075e-008	-2.149e-003	-1.163e-010	2.100e-003	3.791e-003	1.036e-007

Vettori modali 80 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	4.669e-003	8.679e-004	2.155e-004	3.884e-002	1.853e-002	-5.767e-007
2	2.930e-003	-7.789e-004	-7.409e-005	-9.359e-003	-3.430e-003	-5.627e-007
3	1.577e-003	7.226e-004	-2.146e-004	-4.002e-002	-1.844e-002	-6.257e-008
4	1.217e-003	-5.768e-004	3.078e-004	3.472e-003	-2.284e-002	1.247e-007
5	1.798e-005	7.678e-005	-4.580e-004	-5.213e-003	-2.281e-001	-8.863e-004
6	1.969e-005	-7.236e-005	4.952e-004	5.694e-003	-2.276e-001	-7.452e-004
7	1.092e-003	-2.015e-005	3.430e-004	-3.290e-004	-2.613e-002	9.119e-008
8	1.412e-003	1.157e-004	-3.097e-004	3.818e-002	-2.359e-002	-2.880e-007
9	2.715e-003	-2.749e-005	-3.785e-005	8.022e-003	-5.739e-003	-3.803e-009
10	4.466e-003	-2.473e-006	2.331e-004	-3.726e-002	1.732e-002	-1.261e-006
11	5.377e-003	3.081e-004	-5.017e-003	7.399e-005	1.228e-002	1.310e-003
12	5.016e-003	-6.578e-004	1.861e-003	-1.835e-004	-2.528e-002	2.939e-004
13	5.042e-003	7.513e-004	-1.815e-003	2.349e-004	-3.100e-002	1.823e-004
14	1.153e-004	-1.953e-003	-4.498e-004	5.117e-003	-2.285e-001	1.840e-003
15	1.154e-004	2.111e-003	4.870e-004	-5.595e-003	-2.280e-001	1.674e-003
16	0.000e+000	0.000e+000	0.000e+000	-5.980e-003	-1.893e-003	1.944e-004
17	0.000e+000	0.000e+000	0.000e+000	6.877e-003	1.012e-003	-1.936e-003
18	1.083e-004	-1.942e-004	-2.123e-004	6.730e-003	6.684e-004	5.461e-006
19	0.000e+000	0.000e+000	0.000e+000	6.438e-003	-1.939e-003	9.379e-005
20	2.642e-003	1.983e-004	-1.179e-003	1.585e-003	-1.681e-001	-7.557e-003
21	2.580e-003	1.193e-005	2.529e-003	1.406e-003	9.712e-003	-6.049e-003
22	2.425e-003	-1.462e-004	1.416e-003	-1.267e-003	-1.695e-001	-7.548e-003
23	4.908e-003	-7.670e-005	6.671e-004	4.209e-003	-9.670e-002	-1.745e-003
24	4.842e-003	2.227e-005	1.216e-003	-5.917e-003	1.193e-003	-2.920e-003
25	5.023e-003	1.502e-004	-4.487e-004	-4.589e-003	-1.002e-001	-2.084e-003
26	5.440e-003	6.205e-005	-1.068e-003	-6.461e-006	1.916e-002	5.679e-004
27	5.012e-003	-1.297e-003	5.577e-004	-4.229e-003	-9.684e-002	1.316e-003
28	5.021e-003	9.009e-005	1.212e-003	5.919e-003	4.930e-004	2.292e-003
29	5.179e-003	1.412e-003	-3.108e-004	4.616e-003	-1.004e-001	1.677e-003
30	2.845e-003	-1.783e-003	-1.217e-003	-1.366e-003	-1.684e-001	7.466e-003
31	2.836e-003	8.485e-005	2.530e-003	-1.390e-003	2.322e-003	5.887e-003
32	2.637e-003	1.918e-003	1.468e-003	9.989e-004	-1.697e-001	7.538e-003
33	0.000e+000	-1.947e-003	0.000e+000	5.874e-003	-1.892e-003	1.342e-003
34	0.000e+000	8.593e-005	0.000e+000	-6.887e-003	1.004e-003	4.286e-003
35	6.090e-005	9.438e-004	-2.109e-004	-6.702e-003	6.656e-004	3.252e-003
36	0.000e+000	2.105e-003	0.000e+000	-6.333e-003	-1.935e-003	1.441e-003
37	-6.847e-002	5.059e-004	-1.807e-003	2.839e-003	6.365e-002	7.979e-002
38	-6.831e-002	-6.100e-004	1.765e-003	-3.006e-003	6.352e-002	8.016e-002
39	-7.895e-002	-1.293e-004	2.531e-003	-1.680e-003	-8.667e-002	2.031e-004
40	-8.015e-002	7.267e-005	-2.459e-003	1.988e-003	-8.459e-002	1.181e-004
41	-6.853e-002	-9.359e-004	-1.775e-003	-7.831e-003	6.354e-002	-7.919e-002
42	-6.837e-002	9.248e-004	1.733e-003	8.605e-003	6.342e-002	-7.960e-002
43	3.817e-002	-1.088e-003	-3.073e-003	9.605e-004	2.061e-001	1.605e-001
44	3.809e-002	1.173e-003	2.954e-003	-1.268e-003	2.057e-001	1.611e-001
45	-1.206e-002	4.570e-004	3.085e-003	1.058e-004	2.678e-001	1.123e-004

Vettori modali 80 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
46	-1.107e-002	-5.325e-004	-2.988e-003	-3.587e-004	2.711e-001	5.381e-005
47	3.817e-002	2.489e-003	-3.018e-003	-8.750e-004	2.064e-001	-1.602e-001
48	3.809e-002	-2.729e-003	2.899e-003	6.838e-004	2.059e-001	-1.609e-001
49	4.727e-002	5.662e-005	-4.249e-003	-3.375e-003	-1.765e-001	2.451e-001
50	4.722e-002	1.805e-005	4.055e-003	3.658e-003	-1.759e-001	2.459e-001
51	-5.338e-002	-3.059e-006	-1.444e-003	1.348e-002	-1.546e-001	6.728e-002
52	-5.372e-002	7.530e-005	1.365e-003	-1.316e-002	-1.558e-001	6.704e-002
53	-7.493e-004	-6.259e-005	4.399e-003	4.251e-003	-1.326e-001	-2.099e-001
54	-5.971e-004	1.293e-004	-4.312e-003	-4.035e-003	-1.356e-001	-2.110e-001
55	6.844e-002	-1.195e-004	3.513e-003	9.309e-004	-1.107e-001	1.703e-005
56	6.890e-002	1.779e-004	-3.396e-003	-8.753e-004	-1.154e-001	-1.359e-005
57	-7.690e-004	-1.772e-004	4.811e-003	-4.796e-003	-1.327e-001	2.099e-001
58	-6.056e-004	2.293e-004	-4.701e-003	4.544e-003	-1.356e-001	2.111e-001
59	-5.337e-002	-2.274e-004	-1.658e-003	-1.452e-002	-1.547e-001	-6.737e-002
60	-5.372e-002	2.710e-004	1.564e-003	1.414e-002	-1.559e-001	-6.710e-002
61	4.733e-002	-2.680e-004	-4.172e-003	5.925e-003	-1.767e-001	-2.452e-001
62	4.727e-002	3.012e-004	3.979e-003	-6.078e-003	-1.761e-001	-2.461e-001
63	-5.656e-002	-3.528e-003	4.811e-003	4.945e-003	-1.266e-001	6.066e-002
64	-6.256e-002	1.026e-004	-3.264e-003	9.179e-004	-2.389e-001	-3.458e-004
65	-5.663e-002	3.858e-003	4.724e-003	-3.042e-003	-1.268e-001	-6.141e-002
66	-5.690e-002	3.430e-003	-5.060e-003	-4.745e-003	-1.269e-001	6.069e-002
67	-6.076e-002	-2.048e-004	3.385e-003	-6.218e-004	-2.376e-001	-2.439e-004
68	-5.697e-002	-3.983e-003	-4.972e-003	3.422e-003	-1.271e-001	-6.123e-002
69	1.320e-002	1.263e-003	-6.403e-003	4.525e-004	2.097e-001	-2.027e-001
70	5.449e-002	2.717e-003	4.283e-004	2.000e-002	1.880e-001	8.622e-002
71	-3.012e-002	-4.516e-003	5.390e-003	5.787e-003	1.661e-001	-1.341e-001
72	5.469e-002	-3.209e-003	3.386e-004	-2.011e-002	1.879e-001	-8.551e-002
73	1.295e-002	-1.764e-003	-6.414e-003	-1.743e-004	2.097e-001	2.032e-001
74	-5.993e-002	-2.451e-004	-2.978e-003	-2.184e-004	2.314e-001	-6.951e-004
75	-3.018e-002	4.055e-003	5.296e-003	-6.299e-003	1.663e-001	1.328e-001
76	-3.009e-002	4.486e-003	-5.685e-003	-6.159e-003	1.674e-001	-1.332e-001
77	5.453e-002	3.164e-003	-4.281e-004	2.113e-002	1.872e-001	-8.579e-002
78	1.310e-002	1.707e-003	6.735e-003	3.513e-004	2.070e-001	2.026e-001
79	-5.972e-002	1.772e-004	3.099e-003	-1.820e-004	2.268e-001	-5.183e-004
80	1.329e-002	-1.345e-003	6.586e-003	-3.358e-004	2.071e-001	-2.023e-001
81	5.439e-002	-2.810e-003	-4.020e-004	-2.066e-002	1.874e-001	8.635e-002
82	-3.015e-002	-4.155e-003	-5.590e-003	5.819e-003	1.677e-001	1.322e-001
83	-3.104e-004	5.438e-004	1.772e-002	-2.402e-002	1.644e-001	9.568e-004
84	-4.878e-005	6.458e-004	-1.828e-002	-2.257e-002	1.658e-001	-3.328e-003
85	-4.027e-005	-4.941e-004	-1.836e-002	2.370e-002	1.655e-001	1.989e-003
86	-9.921e-003	7.593e-005	-1.783e-002	6.274e-004	3.113e-001	-7.245e-004
87	-3.189e-004	-6.002e-004	1.765e-002	2.167e-002	1.646e-001	-2.615e-003
88	-9.447e-003	-2.807e-005	1.784e-002	-1.267e-003	3.142e-001	-9.185e-004
89	2.072e-002	6.286e-003	3.364e-002	-1.387e-001	1.064e-001	8.825e-002
90	-2.878e-002	4.423e-003	-4.423e-002	-7.915e-002	1.415e-001	4.908e-002
91	-6.927e-003	2.371e-003	-1.161e-002	1.685e-001	1.766e-001	-1.093e-001
92	3.251e-002	2.183e-004	4.949e-002	-7.504e-004	2.116e-001	-2.176e-004
93	-6.883e-003	-1.923e-003	-1.184e-002	-1.679e-001	1.766e-001	1.095e-001
94	-2.885e-002	-3.981e-003	-4.401e-002	7.971e-002	1.417e-001	-4.899e-002
95	2.075e-002	-5.870e-003	3.359e-002	1.370e-001	1.067e-001	-8.873e-002
96	2.106e-002	-6.180e-003	-3.433e-002	1.393e-001	1.061e-001	8.816e-002
97	-2.819e-002	-4.304e-003	4.419e-002	8.088e-002	1.415e-001	4.937e-002
98	-7.061e-003	-2.245e-003	1.209e-002	-1.686e-001	1.770e-001	-1.074e-001
99	3.186e-002	-9.069e-005	-4.936e-002	5.272e-004	2.125e-001	-3.493e-004
100	-6.966e-003	2.059e-003	1.225e-002	1.682e-001	1.771e-001	1.077e-001

Vettori modali 80 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
101	-2.829e-002	4.120e-003	4.403e-002	-8.125e-002	1.417e-001	-4.915e-002
102	2.109e-002	6.006e-003	-3.429e-002	-1.381e-001	1.063e-001	-8.894e-002
103	2.711e-002	-1.102e-002	4.152e-002	1.129e-001	-6.724e-003	-4.579e-002
104	2.730e-002	1.116e-002	-4.202e-002	-1.140e-001	-8.597e-003	-4.694e-002
105	4.566e-002	-1.771e-004	-6.635e-002	4.829e-004	6.751e-003	2.328e-005
106	4.600e-002	2.493e-004	6.605e-002	-3.554e-004	2.652e-003	6.025e-004
107	2.724e-002	-1.152e-002	-4.204e-002	1.150e-001	-8.739e-003	4.702e-002
108	2.706e-002	1.152e-002	4.154e-002	-1.137e-001	-6.874e-003	4.697e-002
109	2.235e-002	-1.010e-002	2.951e-002	6.299e-002	-1.236e-001	-4.438e-002
110	3.877e-002	-1.652e-004	-4.832e-002	3.170e-004	-1.985e-001	4.420e-004
111	3.881e-002	1.158e-004	4.728e-002	-5.510e-005	-2.023e-001	9.872e-004
112	2.238e-002	1.012e-002	-2.968e-002	-6.464e-002	-1.254e-001	-4.552e-002
113	2.232e-002	-1.045e-002	-2.968e-002	6.531e-002	-1.254e-001	4.647e-002
114	2.228e-002	1.034e-002	2.951e-002	-6.315e-002	-1.237e-001	4.635e-002
115	1.841e-002	-8.373e-005	4.181e-006	1.526e-003	-1.755e-001	7.647e-002
116	-3.017e-002	-7.812e-005	5.696e-004	-1.862e-004	-2.103e-001	5.123e-002
117	-8.219e-003	-6.918e-005	-1.918e-004	-2.024e-003	-2.450e-001	-1.126e-001
118	3.270e-002	-5.730e-005	-7.202e-004	1.059e-004	-2.797e-001	7.230e-004
119	-8.513e-003	-4.812e-005	-1.544e-004	1.947e-003	-2.450e-001	1.121e-001
120	-2.997e-002	-3.689e-005	5.395e-004	8.952e-005	-2.103e-001	-5.205e-002
121	1.848e-002	-2.407e-005	4.988e-006	-1.295e-003	-1.755e-001	-7.502e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.801e-005	7.683e-005	-4.580e-004	9.787e-003	2.499e-002	1.642e-006
124	1.974e-005	-7.242e-005	4.952e-004	-1.169e-002	8.709e-003	7.703e-007
125	5.377e-003	3.081e-004	-5.017e-003	1.279e-002	2.437e-002	-1.143e-006
126	5.016e-003	-6.578e-004	1.861e-003	-1.590e-002	-7.775e-004	-5.723e-007
127	5.042e-003	7.513e-004	-1.815e-003	1.816e-002	-3.806e-002	-7.021e-007
128	5.117e-008	9.915e-009	6.688e-010	-2.134e-002	-2.234e-002	-5.932e-007
129	8.210e-008	4.203e-009	4.936e-010	8.750e-003	2.262e-002	8.038e-007
130	1.084e-004	-1.942e-004	-2.123e-004	-4.545e-002	-2.045e-002	-3.513e-007
131	2.376e-008	-6.384e-009	-5.864e-010	2.429e-002	1.971e-002	-3.090e-007
132	2.642e-003	1.984e-004	-1.179e-003	-1.337e-002	-1.371e-003	2.959e-007
133	2.425e-003	-1.463e-004	1.416e-003	1.622e-002	4.585e-002	-5.120e-007
134	4.908e-003	-7.666e-005	6.671e-004	2.060e-002	-2.833e-003	-5.823e-007
135	5.023e-003	1.502e-004	-4.487e-004	-2.351e-002	-2.933e-002	2.269e-007
136	5.440e-003	6.206e-005	-1.068e-003	-3.209e-003	9.161e-003	8.472e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	5.377e-003	3.081e-004	-5.017e-003	-1.417e-002	2.498e-002	-1.540e-007
139	5.016e-003	-6.578e-004	1.861e-003	9.903e-003	-2.023e-004	8.462e-007
140	5.042e-003	7.514e-004	-1.815e-003	-1.494e-002	-3.860e-002	1.044e-006
141	1.153e-004	-1.953e-003	-4.498e-004	-4.329e-003	1.974e-002	-6.131e-007
142	1.154e-004	2.111e-003	4.870e-004	9.155e-003	2.192e-003	1.292e-007
143	5.440e-003	6.203e-005	-1.068e-003	3.214e-003	8.666e-003	2.230e-007
144	5.012e-003	-1.298e-003	5.577e-004	-1.509e-002	-2.452e-003	-7.766e-007
145	5.179e-003	1.412e-003	-3.108e-004	2.092e-002	-3.113e-002	-4.085e-007
146	2.845e-003	-1.783e-003	-1.217e-003	8.065e-003	-3.221e-003	-3.192e-007
147	2.637e-003	1.918e-003	1.468e-003	-1.390e-002	4.062e-002	4.631e-007
148	2.350e-008	-1.947e-003	-3.968e-010	1.530e-002	-2.116e-002	2.242e-007
149	4.796e-008	8.593e-005	4.506e-010	-8.782e-003	2.129e-002	-8.776e-007
150	6.093e-005	9.438e-004	-2.109e-004	4.559e-002	-1.923e-002	3.771e-007
151	6.565e-009	2.105e-003	2.975e-010	-2.114e-002	1.832e-002	1.700e-007

Vettori modali 81 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.786e-004	-3.445e-004	8.360e-005	-7.646e-003	-3.530e-002	9.571e-006
2	-1.411e-004	-2.929e-004	1.034e-004	1.032e-002	7.580e-002	7.644e-006

Vettori modali 81 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
3	1.639e-004	-2.231e-004	1.238e-004	1.682e-002	-7.260e-002	5.194e-006
4	-1.403e-004	-2.361e-004	-1.786e-005	3.239e-002	6.490e-002	-1.782e-006
5	2.321e-004	-6.318e-006	1.891e-003	2.356e-002	2.204e-001	-2.475e-003
6	-2.259e-004	-1.302e-005	1.905e-003	2.365e-002	-2.216e-001	2.425e-003
7	-1.532e-004	-5.235e-005	-2.213e-005	-3.208e-002	6.484e-002	1.121e-006
8	1.696e-004	-9.356e-005	1.103e-004	-1.852e-002	-7.142e-002	-3.412e-006
9	-1.613e-004	-5.250e-005	1.118e-004	-1.051e-002	7.570e-002	-5.514e-006
10	1.890e-004	-2.305e-005	8.508e-005	9.455e-003	-3.579e-002	-6.485e-006
11	2.288e-004	-2.007e-004	6.818e-003	-9.369e-006	1.738e-003	-3.708e-005
12	-6.286e-004	-2.085e-004	-1.298e-003	-4.214e-005	-3.118e-002	-3.377e-006
13	7.119e-004	-2.030e-004	-9.666e-004	-4.428e-005	3.452e-002	1.440e-005
14	2.470e-004	-3.542e-004	1.895e-003	-2.361e-002	2.204e-001	2.630e-003
15	-2.289e-004	-3.265e-004	1.908e-003	-2.370e-002	-2.216e-001	-2.471e-003
16	0.000e+000	0.000e+000	0.000e+000	2.366e-002	1.339e-003	-2.804e-003
17	0.000e+000	0.000e+000	0.000e+000	-3.636e-002	9.593e-006	1.725e-004
18	-1.041e-005	-7.635e-005	-7.251e-005	-1.628e-002	4.568e-004	-7.481e-004
19	0.000e+000	0.000e+000	0.000e+000	2.389e-002	-1.362e-003	2.671e-003
20	1.429e-004	-6.822e-005	9.819e-003	8.687e-003	1.460e-001	1.158e-003
21	5.766e-005	-3.326e-005	-1.325e-002	-6.659e-003	-5.531e-003	-1.738e-004
22	-1.239e-004	-9.101e-005	9.715e-003	8.357e-003	-1.458e-001	-1.089e-003
23	-2.296e-004	-1.648e-004	6.461e-003	-1.884e-002	5.740e-002	8.688e-004
24	8.704e-005	-5.055e-005	-5.822e-003	3.215e-002	-1.217e-002	6.909e-007
25	2.097e-004	-1.799e-004	6.423e-003	-1.810e-002	-5.566e-002	-9.850e-004
26	8.818e-005	-1.922e-004	6.392e-003	8.086e-006	-2.934e-003	-1.209e-005
27	-2.084e-004	-2.421e-004	6.446e-003	1.885e-002	5.742e-002	-9.200e-004
28	9.098e-005	-3.107e-004	-5.816e-003	-3.215e-002	-1.210e-002	-8.712e-006
29	1.936e-004	-2.149e-004	6.405e-003	1.812e-002	-5.568e-002	1.018e-003
30	1.797e-004	-3.156e-004	9.823e-003	-8.650e-003	1.460e-001	-1.167e-003
31	5.899e-005	-2.721e-004	-1.325e-002	6.645e-003	-5.941e-003	2.221e-004
32	-1.467e-004	-2.782e-004	9.717e-003	-8.317e-003	-1.459e-001	1.065e-003
33	0.000e+000	-3.547e-004	0.000e+000	-2.371e-002	1.339e-003	3.025e-003
34	0.000e+000	-2.121e-004	0.000e+000	3.635e-002	8.977e-006	-3.337e-004
35	-8.159e-006	-2.148e-004	-7.240e-005	1.626e-002	4.567e-004	4.229e-004
36	0.000e+000	-3.320e-004	0.000e+000	-2.393e-002	-1.362e-003	-2.695e-003
37	6.547e-002	-2.501e-003	8.417e-004	-1.183e-002	-6.753e-002	7.201e-003
38	-6.582e-002	-2.471e-003	1.163e-003	-1.194e-002	6.789e-002	-6.201e-003
39	-6.428e-002	1.190e-005	-3.344e-003	-5.996e-004	-4.521e-002	-1.233e-005
40	6.317e-002	1.388e-005	-3.351e-003	-5.841e-004	4.180e-002	2.131e-005
41	6.549e-002	2.527e-003	8.445e-004	1.078e-002	-6.758e-002	-7.114e-003
42	-6.584e-002	2.504e-003	1.166e-003	1.094e-002	6.792e-002	6.187e-003
43	-3.828e-002	4.784e-003	-2.482e-004	-5.443e-003	-1.851e-001	1.688e-002
44	3.851e-002	4.818e-003	3.648e-004	-5.351e-003	1.862e-001	-1.483e-002
45	-1.636e-003	1.567e-004	-5.226e-003	2.141e-004	2.059e-001	-2.128e-005
46	7.363e-004	1.522e-004	-5.572e-003	2.152e-004	-2.016e-001	2.822e-005
47	-3.830e-002	-4.509e-003	-2.469e-004	5.835e-003	-1.852e-001	-1.686e-002
48	3.852e-002	-4.557e-003	3.659e-004	5.746e-003	1.863e-001	1.484e-002
49	-2.802e-002	8.011e-004	-1.378e-003	1.128e-002	2.255e-001	2.703e-002
50	2.835e-002	8.160e-004	-4.916e-004	1.110e-002	-2.260e-001	-2.387e-002
51	-2.773e-002	5.330e-004	5.852e-003	4.779e-003	9.683e-002	-6.865e-002
52	2.686e-002	5.436e-004	6.313e-003	2.719e-003	-9.741e-002	6.882e-002
53	2.497e-002	2.407e-004	3.043e-005	-2.147e-002	-3.181e-002	-8.824e-002
54	-2.472e-002	2.467e-004	-6.156e-004	-2.276e-002	3.121e-002	8.498e-002
55	3.880e-002	-6.238e-005	-6.926e-003	9.922e-005	-1.605e-001	-3.067e-005
56	-3.763e-002	-6.142e-005	-7.609e-003	8.821e-005	1.598e-001	3.546e-005
57	2.498e-002	-3.685e-004	5.755e-005	2.138e-002	-3.179e-002	8.826e-002

Vettori modali 81 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
58	-2.474e-002	-3.725e-004	-5.938e-004	2.268e-002	3.119e-002	-8.500e-002
59	-2.774e-002	-6.580e-004	5.819e-003	-4.847e-003	9.688e-002	6.869e-002
60	2.687e-002	-6.668e-004	6.282e-003	-2.772e-003	-9.746e-002	-6.887e-002
61	-2.802e-002	-9.177e-004	-1.379e-003	-1.110e-002	2.255e-001	-2.708e-002
62	2.836e-002	-9.310e-004	-4.921e-004	-1.095e-002	-2.261e-001	2.393e-002
63	-8.940e-002	2.184e-003	-1.409e-003	-7.140e-003	-7.643e-002	5.708e-003
64	9.712e-002	6.095e-005	-8.923e-003	-3.237e-004	1.572e-001	1.159e-004
65	-8.942e-002	-2.048e-003	-1.410e-003	6.512e-003	-7.645e-002	-5.470e-003
66	8.935e-002	2.114e-003	-2.478e-003	-7.215e-003	7.568e-002	-5.111e-003
67	-9.816e-002	5.837e-005	-8.024e-003	-3.296e-004	-1.620e-001	-1.185e-004
68	8.938e-002	-1.985e-003	-2.479e-003	6.576e-003	7.569e-002	4.868e-003
69	9.408e-003	-6.026e-004	2.280e-003	3.338e-002	-1.137e-001	8.883e-002
70	-2.569e-002	-1.251e-003	9.127e-003	-1.338e-002	7.051e-002	1.429e-002
71	-7.882e-003	1.982e-003	-2.306e-003	9.638e-003	2.547e-001	3.680e-002
72	-2.575e-002	1.399e-003	9.229e-003	1.308e-002	7.047e-002	-1.446e-002
73	9.476e-003	7.532e-004	2.163e-003	-3.363e-002	-1.138e-001	-8.898e-002
74	3.265e-002	7.311e-005	-9.879e-003	3.363e-004	-2.980e-001	2.004e-004
75	-7.886e-003	-1.843e-003	-2.309e-003	-8.933e-003	2.548e-001	-3.637e-002
76	7.749e-003	2.042e-003	-3.515e-003	9.332e-003	-2.541e-001	-3.890e-002
77	2.681e-002	1.442e-003	8.510e-003	1.612e-002	-6.881e-002	1.399e-002
78	-9.589e-003	7.758e-004	3.154e-003	-3.153e-002	1.165e-001	9.281e-002
79	-3.394e-002	7.496e-005	-8.796e-003	3.330e-004	3.019e-001	-2.108e-004
80	-9.517e-003	-6.216e-004	3.271e-003	3.128e-002	1.165e-001	-9.265e-002
81	2.675e-002	-1.290e-003	8.409e-003	-1.642e-002	-6.885e-002	-1.381e-002
82	7.749e-003	-1.900e-003	-3.518e-003	-8.635e-003	-2.542e-001	3.845e-002
83	3.130e-002	-1.058e-004	1.297e-002	9.018e-003	1.597e-001	-5.907e-003
84	-3.133e-002	3.366e-005	1.197e-002	-8.041e-003	-1.589e-001	-6.257e-003
85	-3.132e-002	-1.072e-004	1.197e-002	9.205e-003	-1.589e-001	5.852e-003
86	2.180e-002	-3.709e-005	-3.178e-002	6.166e-004	2.824e-001	-2.356e-004
87	3.130e-002	3.124e-005	1.297e-002	-7.862e-003	1.598e-001	6.293e-003
88	-2.214e-002	-3.758e-005	-3.210e-002	6.120e-004	-2.765e-001	2.258e-004
89	3.991e-002	-1.852e-003	1.837e-002	4.758e-002	-6.623e-002	-2.617e-002
90	3.155e-002	-1.326e-003	3.794e-002	-3.823e-002	-4.199e-002	1.003e-001
91	-3.461e-002	-7.391e-004	-1.851e-002	-1.284e-001	-1.774e-002	9.726e-002
92	-4.565e-002	-1.193e-004	-4.908e-002	2.279e-004	6.495e-003	-1.019e-004
93	-3.458e-002	4.940e-004	-1.843e-002	1.282e-001	-1.775e-002	-9.719e-002
94	3.152e-002	1.085e-003	3.787e-002	3.803e-002	-4.199e-002	-1.002e-001
95	3.992e-002	1.627e-003	1.837e-002	-4.710e-002	-6.623e-002	2.592e-002
96	-3.987e-002	-1.937e-003	1.729e-002	4.951e-002	6.637e-002	2.716e-002
97	-3.191e-002	-1.385e-003	3.825e-002	-3.568e-002	4.352e-002	-1.003e-001
98	3.472e-002	-7.700e-004	-1.792e-002	-1.299e-001	2.067e-002	-9.858e-002
99	4.612e-002	-1.205e-004	-4.935e-002	2.342e-004	-2.173e-003	9.928e-005
100	3.468e-002	5.225e-004	-1.784e-002	1.298e-001	2.068e-002	9.851e-002
101	-3.188e-002	1.142e-003	3.818e-002	3.547e-002	4.353e-002	1.002e-001
102	-3.987e-002	1.709e-003	1.729e-002	-4.902e-002	6.639e-002	-2.692e-002
103	2.077e-002	2.808e-003	-7.784e-003	-3.609e-002	-2.451e-001	2.169e-002
104	-2.080e-002	2.972e-003	-8.777e-003	-3.759e-002	2.437e-001	-2.235e-002
105	2.756e-002	-7.240e-005	-2.434e-002	-1.047e-004	-2.860e-001	5.441e-004
106	-2.673e-002	-7.056e-005	-2.365e-002	-1.093e-004	2.873e-001	-5.417e-004
107	-2.080e-002	-3.108e-003	-8.771e-003	3.741e-002	2.436e-001	2.338e-002
108	2.077e-002	-2.942e-003	-7.782e-003	3.591e-002	-2.451e-001	-2.272e-002
109	2.932e-003	1.849e-003	-5.166e-002	-2.658e-002	-2.185e-001	1.403e-002
110	4.889e-003	4.225e-005	3.051e-002	-2.374e-004	-2.889e-001	5.232e-004
111	-4.079e-003	4.352e-005	3.111e-002	-2.395e-004	2.868e-001	-5.168e-004
112	-3.127e-003	1.984e-003	-5.227e-002	-2.739e-002	2.156e-001	-1.470e-002

Vettori modali 81 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
113	-3.127e-003	-1.905e-003	-5.226e-002	2.691e-002	2.156e-001	1.567e-002
114	2.930e-003	-1.768e-003	-5.165e-002	2.610e-002	-2.185e-001	-1.499e-002
115	-1.403e-004	-7.995e-004	-7.475e-002	1.944e-002	-1.718e-003	4.483e-004
116	-2.776e-004	-5.168e-004	-4.385e-002	1.645e-001	-1.753e-003	-3.612e-004
117	1.652e-004	-2.107e-004	5.209e-002	1.264e-001	-1.788e-003	-9.399e-004
118	3.721e-004	1.049e-004	6.186e-002	-1.922e-004	-1.823e-003	3.289e-006
119	1.639e-004	4.258e-004	5.203e-002	-1.263e-001	-1.791e-003	9.377e-004
120	-2.766e-004	7.275e-004	-4.379e-002	-1.644e-001	-1.759e-003	3.575e-004
121	-1.397e-004	9.962e-004	-7.476e-002	-1.989e-002	-1.726e-003	-4.432e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.321e-004	-6.313e-006	1.891e-003	2.470e-002	-5.821e-002	3.076e-007
124	-2.259e-004	-1.302e-005	1.905e-003	2.674e-002	5.956e-002	-2.077e-008
125	2.288e-004	-2.007e-004	6.818e-003	1.288e-002	3.739e-002	-1.298e-007
126	-6.286e-004	-2.085e-004	-1.298e-003	-5.669e-003	1.892e-002	-5.714e-007
127	7.119e-004	-2.030e-004	-9.666e-004	-5.525e-003	-4.064e-003	3.379e-007
128	8.273e-009	-5.894e-009	-1.743e-010	2.296e-002	5.583e-003	-1.366e-007
129	4.687e-009	-1.848e-008	-4.234e-010	-4.645e-002	-5.666e-003	-8.327e-007
130	-1.042e-005	-7.634e-005	-7.251e-005	1.024e-002	6.639e-003	1.017e-007
131	-3.152e-009	-2.145e-009	2.555e-011	2.100e-002	-6.972e-003	1.269e-008
132	1.429e-004	-6.821e-005	9.819e-003	1.250e-002	-1.849e-002	1.398e-007
133	-1.239e-004	-9.101e-005	9.715e-003	1.041e-002	2.191e-002	4.689e-007
134	-2.296e-004	-1.648e-004	6.461e-003	-2.534e-002	4.739e-002	1.593e-006
135	2.097e-004	-1.799e-004	6.423e-003	-2.398e-002	-2.332e-003	4.460e-008
136	8.820e-005	-1.922e-004	6.392e-003	1.666e-002	-4.090e-002	2.269e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.288e-004	-2.007e-004	6.818e-003	-1.459e-002	3.754e-002	2.496e-007
139	-6.286e-004	-2.085e-004	-1.298e-003	6.619e-003	1.907e-002	5.484e-007
140	7.119e-004	-2.029e-004	-9.666e-004	5.799e-003	-4.212e-003	-4.431e-007
141	2.470e-004	-3.542e-004	1.895e-003	-2.582e-002	-5.807e-002	-3.928e-007
142	-2.289e-004	-3.265e-004	1.908e-003	-2.717e-002	5.987e-002	4.676e-008
143	8.820e-005	-1.923e-004	6.392e-003	-1.664e-002	-4.104e-002	-2.766e-007
144	-2.084e-004	-2.421e-004	6.446e-003	2.432e-002	4.725e-002	-2.051e-006
145	1.936e-004	-2.149e-004	6.405e-003	2.363e-002	-3.106e-003	-2.479e-007
146	1.797e-004	-3.156e-004	9.823e-003	-1.141e-002	-1.858e-002	-2.814e-007
147	-1.467e-004	-2.782e-004	9.717e-003	-9.985e-003	2.384e-002	-4.645e-007
148	7.388e-009	-3.547e-004	-2.891e-011	-2.187e-002	5.331e-003	6.950e-008
149	4.319e-009	-2.121e-004	-2.952e-010	4.648e-002	-5.421e-003	1.381e-006
150	-8.163e-006	-2.148e-004	-7.240e-005	-8.447e-003	6.393e-003	-1.386e-007
151	-2.805e-009	-3.320e-004	9.671e-011	-2.061e-002	-6.722e-003	9.911e-009

Vettori modali 82 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-8.929e-005	-1.965e-005	1.016e-004	-3.320e-003	1.099e-002	3.015e-009
2	-3.987e-005	-6.298e-005	-1.365e-004	-1.039e-003	1.321e-002	-4.035e-008
3	-6.794e-006	-5.539e-005	5.374e-005	1.037e-003	1.255e-002	-1.950e-007
4	7.724e-007	-2.341e-005	-2.397e-005	6.966e-003	3.442e-003	-9.031e-008
5	-1.103e-004	-1.500e-006	9.690e-004	5.678e-003	-1.226e-001	1.134e-003
6	-1.399e-004	-2.997e-006	-5.329e-004	-2.829e-004	-1.400e-001	1.539e-003
7	4.299e-006	-2.397e-006	2.502e-005	7.045e-003	-3.578e-003	-7.378e-008
8	1.345e-005	-2.088e-005	-5.986e-005	2.226e-004	-1.196e-002	-1.620e-007
9	5.675e-005	-4.930e-005	1.358e-004	-1.111e-003	-1.312e-002	-5.698e-008
10	1.280e-004	1.210e-006	-1.001e-004	-2.430e-003	-1.101e-002	-4.495e-008
11	2.721e-005	-6.474e-006	-3.496e-006	-1.984e-002	4.874e-006	4.892e-006
12	2.599e-005	-9.591e-005	9.283e-007	5.537e-002	-4.505e-006	3.190e-004
13	2.851e-005	3.464e-005	-2.397e-006	-5.950e-002	-9.972e-006	5.790e-004
14	1.103e-004	-5.812e-006	-9.694e-004	5.684e-003	1.225e-001	1.144e-003

Vettori modali 82 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
15	1.419e-004	-6.222e-005	5.333e-004	-2.864e-004	1.399e-001	1.576e-003
16	0.000e+000	0.000e+000	0.000e+000	1.533e-002	-1.034e-003	1.364e-003
17	0.000e+000	0.000e+000	0.000e+000	2.851e-005	5.763e-004	-3.356e-004
18	-6.536e-006	-9.353e-005	-1.230e-004	-3.264e-003	3.968e-004	-4.654e-004
19	0.000e+000	0.000e+000	0.000e+000	-9.850e-003	-1.161e-003	1.660e-003
20	1.173e-004	-6.670e-005	-9.651e-003	-3.889e-002	-8.633e-002	-1.020e-003
21	5.578e-006	-2.053e-005	1.021e-005	9.683e-006	1.224e-002	1.964e-006
22	1.459e-005	3.923e-005	1.193e-002	4.116e-002	-9.856e-002	-1.260e-003
23	2.626e-004	-7.550e-005	-2.014e-002	1.036e-002	-4.317e-002	3.123e-004
24	6.530e-005	-3.397e-005	7.579e-006	-1.665e-005	1.235e-002	-6.400e-005
25	3.851e-004	2.725e-005	2.205e-002	-1.331e-002	-4.928e-002	1.493e-004
26	2.676e-005	-2.973e-005	-1.837e-006	-1.561e-005	8.156e-006	1.270e-004
27	-2.244e-004	-8.173e-005	2.014e-002	1.036e-002	4.313e-002	3.539e-004
28	-2.489e-005	-4.574e-005	-5.326e-006	-2.464e-006	-1.257e-002	-2.310e-005
29	-3.378e-004	9.411e-006	-2.205e-002	-1.330e-002	4.924e-002	1.799e-004
30	-1.013e-004	-7.459e-005	9.650e-003	-3.889e-002	8.626e-002	-9.710e-004
31	1.173e-005	-4.345e-005	-4.832e-006	6.846e-006	-1.204e-002	5.565e-005
32	1.218e-005	5.946e-007	-1.193e-002	4.116e-002	9.849e-002	-1.200e-003
33	0.000e+000	-2.818e-006	0.000e+000	1.533e-002	1.033e-003	1.355e-003
34	0.000e+000	-3.341e-005	0.000e+000	1.380e-005	-5.753e-004	-3.489e-004
35	8.162e-006	-1.332e-004	1.228e-004	-3.276e-003	-3.962e-004	-5.149e-004
36	0.000e+000	-6.383e-005	0.000e+000	-9.855e-003	1.160e-003	1.668e-003
37	-3.611e-002	5.075e-003	2.107e-002	-8.668e-003	3.917e-002	5.062e-003
38	-4.124e-002	-5.081e-003	-2.075e-002	5.370e-003	4.475e-002	6.053e-003
39	-6.301e-006	-1.641e-002	1.245e-006	-1.724e-002	-7.935e-005	-8.914e-003
40	-5.101e-006	1.658e-002	-1.682e-006	1.943e-002	-8.234e-005	-1.001e-002
41	3.609e-002	5.072e-003	-2.107e-002	-8.682e-003	-3.913e-002	5.034e-003
42	4.121e-002	-5.104e-003	2.075e-002	5.221e-003	-4.472e-002	6.045e-003
43	2.215e-002	2.155e-003	4.011e-002	1.585e-002	1.017e-001	8.990e-003
44	2.530e-002	-9.844e-004	-3.992e-002	-1.521e-002	1.161e-001	1.057e-002
45	-1.921e-005	9.074e-003	1.447e-006	-4.231e-002	4.628e-005	-1.815e-002
46	-1.992e-005	-9.929e-003	-9.324e-007	4.255e-002	4.400e-005	-2.059e-002
47	-2.213e-002	2.159e-003	-4.011e-002	1.584e-002	-1.016e-001	8.924e-003
48	-2.528e-002	-9.408e-004	3.992e-002	-1.524e-002	-1.160e-001	1.051e-002
49	1.575e-002	-6.691e-004	5.793e-002	-2.075e-002	-1.222e-001	1.311e-002
50	1.799e-002	5.246e-004	-5.789e-002	2.174e-002	-1.396e-001	1.530e-002
51	5.285e-003	-4.036e-004	1.077e-002	-1.522e-001	-8.149e-002	3.359e-002
52	6.049e-003	2.273e-004	-1.100e-002	1.511e-001	-9.303e-002	3.815e-002
53	-8.611e-003	-1.195e-004	-4.125e-002	9.170e-004	-4.073e-002	6.907e-003
54	-9.758e-003	-8.059e-005	4.090e-002	-1.900e-004	-4.650e-002	7.947e-003
55	1.637e-005	1.701e-004	1.657e-006	8.025e-002	1.791e-005	-2.783e-002
56	1.619e-005	-3.846e-004	-1.082e-007	-8.067e-002	2.127e-005	-3.170e-002
57	8.615e-003	-1.194e-004	4.125e-002	9.119e-004	4.073e-002	7.003e-003
58	9.762e-003	-7.946e-005	-4.089e-002	-1.680e-004	4.651e-002	8.041e-003
59	-5.309e-003	-4.035e-004	-1.078e-002	-1.522e-001	8.145e-002	3.357e-002
60	-6.073e-003	2.294e-004	1.101e-002	1.511e-001	9.300e-002	3.813e-002
61	-1.573e-002	-6.689e-004	-5.793e-002	-2.074e-002	1.222e-001	1.300e-002
62	-1.797e-002	5.277e-004	5.789e-002	2.181e-002	1.395e-001	1.520e-002
63	-5.215e-002	7.258e-003	-7.040e-002	-1.882e-002	-4.715e-002	-2.812e-003
64	-3.515e-006	-3.514e-003	1.459e-007	4.570e-002	-6.751e-005	1.302e-004
65	5.213e-002	7.237e-003	7.040e-002	-1.882e-002	4.711e-002	-2.830e-003
66	-4.579e-002	-7.243e-003	7.031e-002	1.779e-002	-4.195e-002	-4.240e-003
67	-4.446e-006	3.860e-003	1.610e-006	-4.660e-002	-6.758e-005	1.589e-003
68	4.577e-002	-7.247e-003	-7.032e-002	1.779e-002	4.191e-002	-4.262e-003
69	-2.599e-003	-1.411e-003	-5.370e-002	-1.038e-002	-3.640e-002	-1.836e-002

Vettori modali 82 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
70	8.459e-003	-4.543e-004	1.130e-002	2.021e-001	-7.285e-002	-1.386e-002
71	-1.249e-002	5.235e-004	-8.011e-002	5.005e-002	1.093e-001	-2.185e-002
72	-8.431e-003	-4.540e-004	-1.131e-002	2.021e-001	7.291e-002	-1.388e-002
73	2.599e-003	-1.410e-003	5.369e-002	-1.036e-002	3.647e-002	-1.826e-002
74	-1.688e-005	-2.302e-003	4.158e-007	-8.897e-002	4.032e-005	3.359e-002
75	1.248e-002	5.230e-004	8.011e-002	5.003e-002	-1.093e-001	-2.179e-002
76	-1.205e-002	-2.898e-004	7.990e-002	-4.927e-002	9.168e-002	-2.248e-002
77	-8.309e-003	6.977e-004	1.155e-002	-2.016e-001	6.114e-002	-1.228e-002
78	2.123e-003	1.653e-003	-5.358e-002	9.582e-003	3.059e-002	-1.820e-002
79	-1.724e-005	2.532e-003	1.442e-006	9.004e-002	4.010e-005	3.252e-002
80	-2.123e-003	1.652e-003	5.359e-002	9.577e-003	-3.051e-002	-1.830e-002
81	8.337e-003	6.961e-004	-1.155e-002	-2.016e-001	-6.106e-002	-1.226e-002
82	1.204e-002	-2.920e-004	-7.991e-002	-4.927e-002	-9.162e-002	-2.241e-002
83	3.786e-003	-1.215e-003	-7.589e-002	9.000e-003	6.909e-002	-3.640e-002
84	-1.721e-003	1.143e-003	-7.656e-002	-7.987e-003	-5.993e-002	-3.785e-002
85	1.722e-003	1.143e-003	7.655e-002	-7.980e-003	5.998e-002	-3.785e-002
86	-5.573e-006	-6.752e-004	-3.456e-006	1.741e-002	8.280e-005	6.355e-002
87	-3.787e-003	-1.215e-003	7.590e-002	8.997e-003	-6.904e-002	-3.639e-002
88	-4.957e-006	5.449e-004	5.477e-006	-1.422e-002	8.549e-005	6.280e-002
89	1.452e-002	-9.855e-004	-6.988e-002	4.055e-002	7.163e-002	-8.781e-003
90	-6.146e-003	-1.875e-004	-1.211e-002	1.752e-001	4.778e-002	5.866e-002
91	-1.695e-002	6.193e-004	4.664e-002	-2.761e-003	2.392e-002	-2.636e-002
92	6.987e-006	1.397e-003	1.461e-005	-8.728e-002	6.161e-005	7.775e-003
93	1.695e-002	6.184e-004	-4.664e-002	-2.852e-003	-2.383e-002	-2.632e-002
94	6.135e-003	-1.891e-004	1.209e-002	1.752e-001	-4.771e-002	5.865e-002
95	-1.452e-002	-9.880e-004	6.989e-002	4.062e-002	-7.160e-002	-8.812e-003
96	1.211e-002	6.626e-004	7.072e-002	-4.062e-002	7.675e-002	-1.010e-002
97	-6.708e-003	-1.634e-004	1.256e-002	-1.771e-001	5.119e-002	5.275e-002
98	-1.538e-002	-9.819e-004	-4.717e-002	1.936e-003	2.563e-002	-2.667e-002
99	6.177e-006	-1.755e-003	-1.228e-005	8.966e-002	6.192e-005	1.137e-002
100	1.538e-002	-9.810e-004	4.717e-002	2.014e-003	-2.553e-002	-2.663e-002
101	6.697e-003	-1.616e-004	-1.254e-002	-1.772e-001	-5.113e-002	5.273e-002
102	-1.210e-002	6.653e-004	-7.073e-002	-4.067e-002	-7.672e-002	-1.013e-002
103	-2.606e-002	-1.890e-003	5.638e-002	1.861e-002	-1.161e-001	-2.014e-002
104	-2.485e-002	1.624e-003	-5.557e-002	-1.866e-002	-1.307e-001	-1.861e-002
105	1.044e-005	-4.584e-003	-1.743e-005	3.945e-002	4.686e-006	4.030e-002
106	1.088e-005	4.485e-003	1.942e-005	-4.007e-002	8.838e-007	3.892e-002
107	2.486e-002	1.619e-003	5.555e-002	-1.861e-002	1.307e-001	-1.860e-002
108	2.607e-002	-1.885e-003	-5.636e-002	1.856e-002	1.161e-001	-2.012e-002
109	-3.640e-002	4.011e-004	3.286e-002	5.947e-003	-1.530e-001	-1.186e-002
110	8.725e-006	3.080e-004	-1.268e-005	8.947e-003	-5.465e-005	2.606e-002
111	8.842e-006	-1.118e-004	1.411e-005	-1.317e-002	-5.730e-005	2.595e-002
112	-3.623e-002	-3.501e-004	-2.948e-002	-4.879e-003	-1.655e-001	-9.802e-003
113	3.624e-002	-3.547e-004	2.947e-002	-4.856e-003	1.655e-001	-9.782e-003
114	3.641e-002	4.058e-004	-3.285e-002	5.917e-003	1.529e-001	-1.183e-002
115	4.068e-002	1.166e-004	-2.338e-003	1.519e-003	1.681e-001	1.795e-002
116	2.482e-003	1.420e-004	-7.269e-004	5.330e-003	1.121e-001	1.116e-001
117	-3.022e-002	1.608e-004	1.397e-003	8.381e-004	5.599e-002	-1.502e-002
118	7.119e-006	1.721e-004	5.827e-007	-4.072e-003	-7.805e-005	-3.584e-002
119	3.022e-002	1.607e-004	-1.398e-003	8.339e-004	-5.612e-002	-1.498e-002
120	-2.494e-003	1.419e-004	7.260e-004	5.334e-003	-1.122e-001	1.116e-001
121	-4.068e-002	1.165e-004	2.340e-003	1.525e-003	-1.682e-001	1.792e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-1.103e-004	-1.501e-006	9.690e-004	7.203e-003	1.140e-002	-8.387e-008
124	-1.399e-004	-2.997e-006	-5.329e-004	2.979e-003	1.288e-002	2.833e-008

Vettori modali 82 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
125	2.721e-005	-6.472e-006	-3.496e-006	4.360e-003	1.049e-003	-1.377e-007
126	2.598e-005	-9.590e-005	9.282e-007	6.477e-002	1.013e-003	-1.487e-007
127	2.851e-005	3.463e-005	-2.397e-006	-7.233e-002	-1.076e-003	-2.134e-007
128	-5.367e-009	4.528e-009	3.266e-010	1.684e-002	1.551e-003	1.498e-007
129	-3.681e-009	-9.027e-010	2.327e-011	3.919e-005	-1.585e-003	-8.046e-008
130	-6.539e-006	-9.352e-005	-1.230e-004	-1.172e-003	2.653e-003	-5.644e-008
131	-4.331e-009	-5.411e-009	-4.224e-010	-1.598e-002	-3.246e-003	1.566e-007
132	1.174e-004	-6.671e-005	-9.652e-003	-5.773e-002	-4.845e-002	-1.476e-007
133	1.459e-005	3.924e-005	1.193e-002	5.627e-002	-1.260e-002	-7.190e-008
134	2.626e-004	-7.549e-005	-2.014e-002	1.578e-002	-6.993e-002	4.932e-008
135	3.851e-004	2.725e-005	2.205e-002	-1.581e-002	-1.135e-001	5.972e-008
136	2.676e-005	-2.973e-005	-1.837e-006	-8.970e-006	-1.013e-003	-6.010e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.721e-005	-6.473e-006	-3.495e-006	5.283e-003	-9.871e-004	-1.705e-007
139	2.599e-005	-9.591e-005	9.284e-007	6.501e-002	-9.625e-004	-1.406e-007
140	2.852e-005	3.463e-005	-2.397e-006	-7.228e-002	1.005e-003	-3.357e-007
141	1.103e-004	-5.814e-006	-9.694e-004	6.977e-003	-1.119e-002	-9.977e-008
142	1.418e-004	-6.222e-005	5.333e-004	2.934e-003	-1.318e-002	1.662e-009
143	2.676e-005	-2.973e-005	-1.837e-006	1.710e-006	9.779e-004	-8.127e-008
144	-2.244e-004	-8.172e-005	2.014e-002	1.553e-002	7.014e-002	6.287e-008
145	-3.378e-004	9.408e-006	-2.205e-002	-1.586e-002	1.138e-001	1.333e-007
146	-1.013e-004	-7.460e-005	9.650e-003	-5.749e-002	4.834e-002	-2.214e-007
147	1.218e-005	6.048e-007	-1.193e-002	5.632e-002	1.150e-002	-6.748e-008
148	6.167e-009	-2.813e-006	-3.277e-010	1.707e-002	-1.616e-003	1.039e-007
149	4.661e-009	-3.341e-005	-3.028e-011	1.802e-005	1.654e-003	-1.246e-007
150	8.166e-006	-1.331e-004	1.228e-004	-2.015e-003	-2.716e-003	-7.517e-008
151	4.976e-009	-6.383e-005	3.584e-010	-1.598e-002	3.314e-003	1.184e-007

Vettori modali 83 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	1.356e-004	-9.194e-004	-1.288e-005	-3.457e-002	-1.678e-002	-3.072e-008
2	-1.153e-004	-8.758e-004	1.589e-004	-8.150e-003	4.946e-003	1.876e-007
3	3.991e-005	-9.128e-004	1.830e-004	3.420e-002	2.753e-002	-5.389e-007
4	-1.662e-005	-9.278e-004	2.215e-004	7.274e-003	-8.930e-003	1.687e-007
5	2.679e-004	-4.161e-005	5.826e-004	4.322e-003	2.969e-001	-2.942e-003
6	-2.959e-004	-5.145e-005	4.337e-004	2.212e-003	-2.915e-001	3.240e-003
7	-9.568e-006	-6.164e-005	-2.413e-004	9.753e-003	7.175e-003	2.315e-007
8	-4.262e-005	-1.756e-004	-2.608e-004	1.394e-002	-1.236e-002	-4.216e-007
9	5.446e-005	-2.410e-004	-1.499e-004	-9.689e-003	-5.559e-003	-1.058e-008
10	-2.807e-005	-4.628e-004	-4.218e-006	-1.310e-002	1.287e-002	-2.218e-008
11	2.872e-005	-6.208e-004	-4.281e-005	9.398e-003	-1.989e-005	1.069e-004
12	-2.483e-005	-6.628e-004	-1.483e-005	2.437e-002	2.202e-005	3.821e-004
13	5.200e-005	-7.012e-004	-1.644e-005	2.842e-002	-6.082e-005	-5.498e-004
14	-3.063e-004	-8.391e-004	-5.847e-004	4.357e-003	-2.972e-001	-3.388e-003
15	3.300e-004	-8.802e-004	-4.349e-004	2.233e-003	2.918e-001	3.714e-003
16	0.000e+000	0.000e+000	0.000e+000	8.762e-003	1.798e-003	-3.174e-003
17	0.000e+000	0.000e+000	0.000e+000	1.821e-004	2.380e-005	-2.863e-004
18	-2.618e-005	-2.658e-004	-9.900e-005	2.463e-003	6.117e-004	-1.355e-003
19	0.000e+000	0.000e+000	0.000e+000	7.025e-003	-1.809e-003	3.577e-003
20	1.185e-004	-2.590e-004	-3.794e-003	-1.734e-002	2.091e-001	1.347e-003
21	4.439e-006	-2.439e-004	7.281e-005	8.799e-005	2.414e-003	2.976e-005
22	-2.015e-004	-2.840e-004	-5.183e-003	-1.991e-002	-2.053e-001	-1.309e-003
23	-3.309e-005	-4.750e-004	-8.740e-003	3.910e-003	1.046e-001	-2.172e-004
24	3.388e-005	-4.553e-004	5.961e-005	-1.603e-004	-8.639e-003	-3.603e-005
25	-3.664e-005	-5.085e-004	-1.039e-002	5.624e-003	-1.027e-001	8.441e-005
26	1.335e-005	-6.492e-004	-4.119e-005	-1.119e-004	2.617e-005	6.092e-005

Vettori modali 83 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
27	-1.012e-004	-7.873e-004	8.696e-003	3.879e-003	-1.046e-001	-5.124e-005
28	-4.962e-006	-8.070e-004	-3.160e-005	1.137e-004	6.743e-003	-3.615e-007
29	1.902e-004	-8.287e-004	1.035e-002	5.614e-003	1.027e-001	-1.079e-004
30	-2.609e-004	-8.525e-004	3.756e-003	-1.726e-002	-2.093e-001	1.239e-003
31	2.033e-006	-9.348e-004	2.617e-005	6.711e-005	1.429e-003	8.408e-006
32	4.045e-004	-8.921e-004	5.155e-003	-1.985e-002	2.055e-001	-1.134e-003
33	0.000e+000	-8.291e-004	0.000e+000	8.784e-003	-1.804e-003	-3.672e-003
34	0.000e+000	-1.015e-003	0.000e+000	-1.040e-004	-1.497e-005	-6.304e-005
35	2.616e-005	-1.187e-003	9.723e-005	2.276e-003	-6.079e-004	-1.028e-003
36	0.000e+000	-8.673e-004	0.000e+000	7.037e-003	1.802e-003	3.922e-003
37	8.595e-002	9.015e-004	9.770e-003	-3.589e-003	-1.041e-001	-9.948e-003
38	-8.443e-002	1.170e-003	1.054e-002	-2.580e-003	1.023e-001	1.002e-002
39	-7.917e-005	-8.502e-003	-6.926e-009	-8.951e-003	-1.054e-005	2.068e-002
40	8.415e-005	-9.308e-003	-9.511e-007	-1.079e-002	-4.064e-005	-2.045e-002
41	-8.607e-002	5.090e-004	-9.761e-003	-5.598e-003	1.043e-001	-1.034e-002
42	8.453e-002	7.635e-004	-1.053e-002	-4.661e-003	-1.025e-001	1.042e-002
43	-5.777e-002	1.067e-003	1.844e-002	3.273e-003	-2.343e-001	-1.695e-002
44	5.676e-002	6.532e-004	2.008e-002	3.812e-003	2.301e-001	1.680e-002
45	1.118e-005	4.797e-003	1.472e-005	-2.186e-002	2.397e-004	4.098e-002
46	-2.309e-005	5.610e-003	1.451e-005	-2.374e-002	-2.345e-004	-4.035e-002
47	5.786e-002	1.667e-003	-1.842e-002	2.751e-003	2.346e-001	-1.730e-002
48	-5.684e-002	1.274e-003	-2.006e-002	3.274e-003	-2.303e-001	1.713e-002
49	-3.161e-002	-7.339e-005	2.648e-002	-4.075e-003	3.021e-001	-2.430e-002
50	3.104e-002	-7.398e-005	2.894e-002	-5.385e-003	-2.967e-001	2.391e-002
51	-1.294e-002	1.328e-004	6.189e-003	-7.160e-002	2.013e-001	-6.660e-002
52	1.272e-002	1.562e-004	6.849e-003	-7.758e-002	-1.977e-001	6.536e-002
53	1.733e-002	3.325e-004	-1.960e-002	-1.557e-003	1.006e-001	-1.949e-002
54	-1.700e-002	3.786e-004	-2.119e-002	-2.017e-003	-9.875e-002	1.918e-002
55	4.271e-005	5.157e-004	2.943e-005	3.879e-002	-2.100e-004	6.227e-002
56	-3.746e-005	5.825e-004	2.986e-005	4.243e-002	2.340e-004	-6.121e-002
57	-1.730e-002	3.400e-004	1.987e-002	-1.395e-003	-1.010e-001	-1.926e-002
58	1.698e-002	3.866e-004	2.147e-002	-1.847e-003	9.918e-002	1.898e-002
59	1.288e-002	1.476e-004	-6.145e-003	-7.234e-002	-2.017e-001	-6.661e-002
60	-1.267e-002	1.716e-004	-6.803e-003	-7.835e-002	1.981e-001	6.537e-002
61	3.165e-002	-5.218e-005	-2.645e-002	-2.812e-003	-3.025e-001	-2.460e-002
62	-3.108e-002	-5.184e-005	-2.891e-002	-4.082e-003	2.971e-001	2.417e-002
63	-1.035e-001	-6.333e-003	3.494e-002	9.944e-003	-4.517e-002	2.076e-002
64	9.868e-005	2.643e-003	3.191e-005	-2.364e-002	1.056e-004	-5.193e-002
65	1.036e-001	-6.811e-003	-3.491e-002	9.917e-003	4.520e-002	2.089e-002
66	1.054e-001	-6.109e-003	3.191e-002	8.976e-003	4.632e-002	-2.077e-002
67	-9.538e-005	2.568e-003	3.119e-005	-2.185e-002	-1.317e-004	5.185e-002
68	-1.055e-001	-6.572e-003	-3.188e-002	8.950e-003	-4.636e-002	-2.091e-002
69	5.652e-003	5.498e-004	2.360e-002	-4.280e-003	-1.044e-001	2.021e-002
70	-9.731e-003	1.989e-004	-9.237e-003	-9.091e-002	-2.085e-001	2.312e-002
71	1.488e-002	-1.054e-004	3.943e-002	-3.093e-002	3.124e-001	1.745e-002
72	9.698e-003	2.382e-004	9.137e-003	-9.141e-002	2.082e-001	2.313e-002
73	-5.649e-003	5.701e-004	-2.375e-002	-3.895e-003	1.040e-001	2.010e-002
74	1.891e-005	8.739e-004	3.242e-005	4.929e-002	-2.483e-004	-4.217e-002
75	-1.488e-002	-1.617e-004	-3.940e-002	-3.139e-002	-3.126e-001	1.745e-002
76	-1.463e-002	-2.437e-005	3.597e-002	-2.897e-002	-3.161e-001	-1.706e-002
77	-9.382e-003	2.813e-004	8.552e-003	-8.264e-002	-2.107e-001	-2.300e-002
78	5.627e-003	5.730e-004	-2.143e-002	-4.242e-003	-1.052e-001	-1.930e-002
79	-2.561e-005	8.366e-004	3.128e-005	4.560e-002	2.559e-004	4.090e-002
80	-5.632e-003	5.533e-004	2.128e-002	-4.614e-003	1.056e-001	-1.945e-002
81	9.425e-003	2.429e-004	-8.648e-003	-8.215e-002	2.110e-001	-2.299e-002

Vettori modali 83 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
82	1.463e-002	-7.953e-005	-3.593e-002	-2.941e-002	3.164e-001	-1.704e-002
83	5.687e-002	2.236e-003	5.738e-002	-2.341e-002	1.434e-001	3.858e-002
84	5.710e-002	2.170e-003	-5.429e-002	-2.314e-002	1.445e-001	-3.751e-002
85	-5.707e-002	2.170e-003	5.431e-002	-2.293e-002	-1.445e-001	-3.746e-002
86	1.411e-005	-1.388e-003	1.667e-005	4.309e-002	1.645e-004	8.544e-002
87	-5.690e-002	2.236e-003	-5.736e-002	-2.362e-002	-1.435e-001	3.864e-002
88	-1.690e-005	-1.484e-003	1.980e-005	4.312e-002	-1.321e-004	-8.843e-002
89	5.803e-002	1.696e-003	5.861e-002	-3.945e-002	-1.353e-001	4.518e-002
90	2.047e-002	1.160e-003	1.887e-002	-1.333e-001	-9.019e-002	1.260e-001
91	-3.275e-002	5.679e-004	-3.502e-002	-2.074e-002	-4.507e-002	2.621e-002
92	-2.428e-005	-5.260e-005	1.649e-005	9.678e-002	5.065e-005	-1.010e-001
93	3.276e-002	5.697e-004	3.499e-002	-2.086e-002	4.517e-002	2.605e-002
94	-2.043e-002	1.164e-003	-1.890e-002	-1.332e-001	9.030e-002	1.261e-001
95	-5.806e-002	1.701e-003	-5.858e-002	-3.942e-002	1.354e-001	4.526e-002
96	-5.842e-002	1.596e-003	5.559e-002	-3.767e-002	1.337e-001	-4.485e-002
97	-2.017e-002	1.096e-003	1.825e-002	-1.258e-001	8.914e-002	-1.278e-001
98	3.325e-002	5.422e-004	-3.304e-002	-2.074e-002	4.456e-002	-2.508e-002
99	2.626e-005	-3.803e-005	9.721e-006	9.316e-002	-2.526e-005	1.001e-001
100	-3.326e-002	5.442e-004	3.302e-002	-2.083e-002	-4.463e-002	-2.491e-002
101	2.013e-002	1.100e-003	-1.827e-002	-1.257e-001	-8.923e-002	-1.278e-001
102	5.845e-002	1.601e-003	-5.556e-002	-3.765e-002	-1.338e-001	-4.494e-002
103	-2.847e-002	4.200e-004	-2.074e-002	-1.693e-002	3.315e-001	1.744e-002
104	2.924e-002	2.630e-004	-1.818e-002	-1.602e-002	-3.268e-001	-1.660e-002
105	1.508e-005	4.371e-004	2.711e-005	4.813e-002	-1.726e-004	2.331e-002
106	-1.143e-005	3.240e-004	3.584e-005	4.988e-002	1.727e-004	-2.489e-002
107	-2.923e-002	2.670e-004	1.822e-002	-1.613e-002	3.266e-001	-1.664e-002
108	2.846e-002	4.261e-004	2.079e-002	-1.706e-002	-3.313e-001	1.748e-002
109	-4.209e-003	-9.172e-004	3.554e-002	1.172e-002	2.724e-001	1.880e-003
110	2.711e-006	-1.994e-004	6.041e-005	-1.814e-002	-1.739e-004	-1.078e-002
111	6.338e-008	-1.582e-004	6.667e-005	-1.757e-002	1.475e-004	9.952e-003
112	5.453e-003	-9.697e-004	3.704e-002	1.204e-002	-2.650e-001	-1.178e-003
113	-5.451e-003	-9.623e-004	-3.697e-002	1.178e-002	2.649e-001	-1.242e-003
114	4.209e-003	-9.078e-004	-3.547e-002	1.145e-002	-2.723e-001	1.954e-003
115	-7.245e-004	-1.572e-003	-6.363e-002	4.332e-002	-4.108e-003	-1.253e-004
116	-9.342e-005	-1.216e-003	-1.884e-002	1.465e-001	-2.745e-003	-2.045e-003
117	5.580e-004	-8.010e-004	3.846e-002	1.783e-002	-1.381e-003	1.762e-004
118	1.012e-006	-3.462e-004	8.075e-005	-9.787e-002	-1.807e-005	7.414e-004
119	-5.576e-004	-8.042e-004	-3.845e-002	1.735e-002	1.355e-003	1.816e-004
120	9.206e-005	-1.223e-003	1.872e-002	1.466e-001	2.729e-003	-2.045e-003
121	7.251e-004	-1.581e-003	6.371e-002	4.376e-002	4.102e-003	-1.317e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.679e-004	-4.161e-005	5.826e-004	-3.527e-004	-1.228e-003	3.840e-007
124	-2.959e-004	-5.146e-005	4.337e-004	-6.341e-003	6.041e-003	-5.016e-007
125	2.872e-005	-6.208e-004	-4.281e-005	1.108e-002	-1.325e-003	3.123e-007
126	-2.483e-005	-6.628e-004	-1.483e-005	3.403e-002	-1.256e-003	-3.769e-007
127	5.200e-005	-7.012e-004	-1.644e-005	4.171e-002	1.234e-003	4.234e-007
128	1.468e-008	-1.299e-008	-5.960e-010	1.526e-002	1.683e-002	-3.534e-007
129	8.452e-009	-3.184e-008	-6.010e-010	2.596e-004	-1.672e-002	1.643e-007
130	-2.620e-005	-2.658e-004	-9.900e-005	-1.442e-002	1.759e-002	1.116e-007
131	-9.224e-009	-3.321e-009	-2.090e-011	1.728e-002	-1.816e-002	1.039e-007
132	1.185e-004	-2.590e-004	-3.794e-003	-2.055e-002	-1.798e-002	-2.349e-007
133	-2.015e-004	-2.840e-004	-5.183e-003	-2.046e-002	3.174e-002	-9.801e-008
134	-3.309e-005	-4.750e-004	-8.740e-003	8.350e-004	-1.650e-002	4.038e-007
135	-3.664e-005	-5.085e-004	-1.039e-002	-2.942e-004	3.988e-002	-1.592e-007
136	1.334e-005	-6.492e-004	-4.119e-005	-2.575e-004	1.320e-003	-6.341e-008

Vettori modali 83 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.871e-005	-6.208e-004	-4.281e-005	3.198e-002	3.004e-004	7.128e-008
139	-2.482e-005	-6.628e-004	-1.483e-005	3.638e-002	3.551e-004	1.156e-007
140	5.199e-005	-7.012e-004	-1.644e-005	4.391e-002	-4.223e-004	-1.845e-008
141	-3.063e-004	-8.391e-004	-5.847e-004	-2.426e-003	4.208e-003	9.040e-007
142	3.300e-004	-8.803e-004	-4.349e-004	-8.339e-003	-1.379e-002	-9.059e-007
143	1.335e-005	-6.492e-004	-4.119e-005	-5.320e-005	-2.738e-004	3.478e-008
144	-1.012e-004	-7.873e-004	8.696e-003	-1.548e-003	1.819e-002	1.061e-009
145	1.902e-004	-8.287e-004	1.035e-002	-2.468e-003	-2.978e-002	-3.159e-008
146	-2.608e-004	-8.525e-004	3.756e-003	-1.821e-002	1.804e-002	-2.647e-008
147	4.045e-004	-8.921e-004	5.155e-003	-1.829e-002	-5.963e-002	-1.027e-007
148	-1.520e-008	-8.291e-004	-5.955e-010	1.683e-002	-1.610e-002	-1.271e-007
149	-8.755e-009	-1.015e-003	2.843e-010	-2.020e-004	1.601e-002	-2.803e-008
150	2.617e-005	-1.187e-003	9.723e-005	-3.640e-002	-1.683e-002	9.088e-008
151	1.078e-008	-8.673e-004	-6.103e-010	1.892e-002	1.740e-002	-2.795e-008

Vettori modali 84 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-4.680e-004	1.819e-003	-4.400e-004	8.565e-002	9.476e-002	-2.520e-005
2	5.508e-004	1.611e-003	-1.140e-003	-2.002e-003	-1.941e-001	-2.115e-005
3	-4.565e-004	1.494e-003	-9.158e-004	-1.036e-001	1.095e-001	-1.203e-005
4	3.870e-004	1.571e-003	-2.724e-004	-9.546e-002	-1.391e-001	4.327e-006
5	8.349e-005	7.263e-005	1.913e-003	2.591e-002	2.187e-001	-8.835e-004
6	-1.505e-004	8.039e-005	2.527e-003	3.341e-002	-2.125e-001	1.958e-003
7	4.034e-004	2.682e-004	-2.074e-004	9.407e-002	-1.380e-001	-2.552e-006
8	-4.389e-004	5.469e-004	-8.447e-004	1.095e-001	1.062e-001	7.740e-006
9	6.034e-004	4.381e-004	-1.169e-003	2.653e-003	-1.946e-001	1.526e-005
10	-5.012e-004	4.594e-004	-4.371e-004	-9.193e-002	9.551e-002	1.725e-005
11	-3.297e-004	1.249e-003	-1.875e-002	3.562e-005	-1.441e-002	3.060e-005
12	7.703e-004	1.172e-003	2.444e-003	1.379e-004	6.081e-002	9.827e-005
13	-9.372e-004	1.193e-003	2.776e-003	1.477e-004	-7.380e-002	-1.241e-004
14	4.998e-005	1.640e-003	1.898e-003	-2.572e-002	2.180e-001	4.797e-004
15	-1.766e-004	1.639e-003	2.513e-003	-3.324e-002	-2.117e-001	-2.098e-003
16	0.000e+000	0.000e+000	0.000e+000	2.292e-002	1.298e-003	-1.011e-003
17	0.000e+000	0.000e+000	0.000e+000	8.543e-002	7.073e-005	5.032e-005
18	-5.288e-005	-7.296e-005	-8.439e-005	6.718e-002	4.765e-004	-5.256e-004
19	0.000e+000	0.000e+000	0.000e+000	3.068e-002	-1.373e-003	1.646e-003
20	-4.495e-004	4.158e-004	1.459e-002	2.210e-002	1.720e-001	8.884e-004
21	-1.436e-004	3.867e-004	3.048e-002	1.188e-002	1.958e-002	3.115e-004
22	-7.105e-005	4.712e-004	1.748e-002	2.420e-002	-1.715e-001	-1.350e-003
23	1.786e-004	7.960e-004	1.394e-002	-2.378e-002	1.164e-001	-2.076e-003
24	-2.063e-004	7.192e-004	1.065e-002	-7.989e-002	2.170e-002	-5.860e-005
25	1.357e-004	8.326e-004	1.590e-002	-2.814e-002	-1.227e-001	1.668e-003
26	-1.676e-004	1.227e-003	-1.896e-002	-2.042e-005	8.280e-003	6.731e-005
27	8.261e-005	1.453e-003	1.399e-002	2.370e-002	1.162e-001	2.242e-003
28	-2.153e-004	1.622e-003	1.064e-002	7.988e-002	2.057e-002	8.796e-005
29	2.069e-004	1.452e-003	1.596e-002	2.808e-002	-1.224e-001	-1.756e-003
30	-5.809e-004	1.590e-003	1.456e-002	-2.223e-002	1.715e-001	-9.578e-004
31	-1.426e-004	1.707e-003	3.047e-002	-1.184e-002	2.189e-002	-5.694e-004
32	-1.123e-005	1.561e-003	1.747e-002	-2.433e-002	-1.709e-001	1.591e-003
33	0.000e+000	1.637e-003	0.000e+000	-2.273e-002	1.295e-003	5.983e-004
34	0.000e+000	1.721e-003	0.000e+000	-8.543e-002	6.828e-005	8.979e-004
35	-4.925e-005	2.077e-003	-8.339e-005	-6.712e-002	4.727e-004	1.121e-003
36	0.000e+000	1.636e-003	0.000e+000	-3.050e-002	-1.364e-003	-2.220e-003
37	6.251e-002	-4.456e-003	-5.915e-003	-1.213e-002	-8.060e-002	-4.983e-002
38	-6.077e-002	-4.920e-003	-5.144e-003	-1.624e-002	7.849e-002	4.865e-002

Vettori modali 84 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
39	7.840e-002	2.746e-004	-4.942e-003	3.114e-003	2.599e-002	1.284e-004
40	-7.752e-002	2.805e-004	-3.964e-003	3.163e-003	-1.696e-002	-1.559e-004
41	6.229e-002	4.896e-003	-5.961e-003	1.665e-002	-8.026e-002	4.963e-002
42	-6.055e-002	5.361e-003	-5.187e-003	2.079e-002	7.825e-002	-4.883e-002
43	-4.481e-002	6.006e-003	-1.342e-002	-1.355e-002	-1.701e-001	-9.877e-002
44	4.357e-002	7.510e-003	-1.253e-002	-1.373e-002	1.652e-001	9.534e-002
45	-1.288e-002	-8.507e-004	-1.206e-002	-2.599e-004	-2.480e-001	1.586e-004
46	1.560e-002	-8.640e-004	-1.049e-002	-2.597e-004	2.425e-001	-1.878e-004
47	-4.464e-002	-7.237e-003	-1.349e-002	1.324e-002	-1.695e-001	9.878e-002
48	4.343e-002	-8.749e-003	-1.260e-002	1.342e-002	1.646e-001	-9.556e-002
49	-2.633e-002	6.984e-003	-2.050e-002	-4.329e-003	2.025e-001	-1.501e-001
50	2.542e-002	6.615e-003	-1.954e-002	-9.737e-004	-1.975e-001	1.443e-001
51	3.189e-002	4.929e-003	1.846e-002	8.642e-002	2.068e-001	-2.333e-002
52	-3.049e-002	4.673e-003	1.631e-002	7.901e-002	-2.042e-001	2.256e-002
53	-8.196e-003	2.624e-003	2.067e-002	-8.040e-002	2.112e-001	1.285e-001
54	7.810e-003	2.493e-003	1.883e-002	-7.181e-002	-2.109e-001	-1.229e-001
55	-4.553e-002	1.855e-004	-1.881e-002	-1.029e-003	2.155e-001	1.902e-004
56	4.357e-002	1.874e-004	-1.671e-002	-1.047e-003	-2.177e-001	-2.212e-004
57	-8.277e-003	-2.239e-003	2.042e-002	8.137e-002	2.109e-001	-1.286e-001
58	7.910e-003	-2.105e-003	1.858e-002	7.279e-002	-2.107e-001	1.231e-001
59	3.196e-002	-4.550e-003	1.882e-002	-8.593e-002	2.063e-001	2.308e-002
60	-3.057e-002	-4.290e-003	1.667e-002	-7.850e-002	-2.037e-001	-2.226e-002
61	-2.627e-002	-6.631e-003	-2.060e-002	2.334e-003	2.017e-001	1.503e-001
62	2.534e-002	-6.257e-003	-1.964e-002	-1.033e-003	-1.967e-001	-1.446e-001
63	-5.900e-002	3.718e-002	-2.525e-002	-2.656e-002	-3.562e-002	4.858e-002
64	-9.438e-002	5.834e-005	-2.246e-002	1.109e-003	-1.224e-001	-5.545e-004
65	-5.872e-002	-3.715e-002	-2.537e-002	2.877e-002	-3.553e-002	-4.955e-002
66	6.052e-002	4.124e-002	-2.630e-002	-2.867e-002	3.731e-002	-4.903e-002
67	9.526e-002	5.760e-005	-2.501e-002	1.094e-003	1.308e-001	5.469e-004
68	6.024e-002	-4.121e-002	-2.642e-002	3.086e-002	3.728e-002	4.998e-002
69	-7.781e-003	-2.805e-003	7.409e-003	9.101e-002	2.163e-001	-4.866e-002
70	1.316e-002	-5.204e-003	2.067e-002	-5.944e-002	1.720e-001	-8.483e-003
71	-2.646e-003	6.840e-003	-2.991e-002	8.902e-002	1.284e-001	-5.207e-002
72	1.347e-002	4.668e-003	2.047e-002	5.976e-002	1.725e-001	9.322e-003
73	-8.106e-003	2.260e-003	7.579e-003	-9.047e-002	2.166e-001	4.939e-002
74	-1.903e-002	-2.635e-004	-2.730e-002	-6.155e-004	2.607e-001	-9.048e-004
75	-2.694e-003	-7.339e-003	-3.003e-002	-9.055e-002	1.276e-001	5.035e-002
76	2.838e-003	7.400e-003	-3.100e-002	9.766e-002	-1.324e-001	5.723e-002
77	-1.486e-002	5.059e-003	2.250e-002	6.001e-002	-1.773e-001	-1.040e-002
78	8.967e-003	2.461e-003	6.766e-003	-9.833e-002	-2.221e-001	-5.447e-002
79	2.101e-002	-2.614e-004	-3.018e-002	-6.003e-004	-2.670e-001	9.220e-004
80	8.630e-003	-3.001e-003	6.605e-003	9.886e-002	-2.219e-001	5.373e-002
81	-1.455e-002	-5.589e-003	2.269e-002	-5.972e-002	-1.767e-001	9.521e-003
82	2.904e-003	-7.894e-003	-3.113e-002	-9.918e-002	-1.316e-001	-5.552e-002
83	1.090e-002	1.111e-003	-2.593e-002	3.238e-002	2.058e-002	-4.314e-002
84	-1.113e-002	-9.821e-004	-2.687e-002	-3.879e-002	-2.311e-002	-4.492e-002
85	-1.129e-002	1.112e-003	-2.670e-002	3.534e-002	-2.337e-002	4.650e-002
86	-2.006e-002	6.094e-005	-1.508e-002	-1.761e-003	-1.659e-001	1.072e-003
87	1.075e-002	-9.831e-004	-2.610e-002	-3.586e-002	2.024e-002	4.155e-002
88	2.030e-002	6.006e-005	-1.314e-002	-1.782e-003	1.540e-001	-1.068e-003
89	8.556e-003	-1.834e-003	-2.925e-002	5.160e-002	-4.965e-002	9.384e-003
90	-2.594e-002	-1.154e-003	6.518e-003	6.563e-002	-5.061e-002	4.918e-002
91	-8.152e-003	-4.159e-004	1.401e-002	-3.990e-002	-5.156e-002	-1.002e-001
92	2.955e-002	3.437e-004	-8.411e-003	-6.589e-004	-5.251e-002	3.989e-005
93	-8.143e-003	1.126e-003	1.383e-002	4.048e-002	-5.145e-002	1.002e-001

Vettori modali 84 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
94	-2.594e-002	1.852e-003	6.726e-003	-6.532e-002	-5.038e-002	-4.905e-002
95	8.403e-003	2.483e-003	-2.943e-002	-5.339e-002	-4.931e-002	-8.839e-003
96	-9.359e-003	-1.900e-003	-2.971e-002	5.232e-002	4.695e-002	-1.028e-002
97	2.732e-002	-1.201e-003	7.065e-003	6.720e-002	4.532e-002	-5.263e-002
98	8.795e-003	-4.407e-004	1.430e-002	-4.216e-002	4.368e-002	1.058e-001
99	-3.111e-002	3.418e-004	-9.041e-003	-6.504e-004	4.205e-002	-4.542e-005
100	8.791e-003	1.147e-003	1.413e-002	4.273e-002	4.354e-002	-1.057e-001
101	2.732e-002	1.894e-003	7.270e-003	-6.689e-002	4.504e-002	5.252e-002
102	-9.213e-003	2.545e-003	-2.988e-002	-5.407e-002	4.654e-002	9.731e-003
103	2.385e-003	7.533e-003	-3.901e-002	-9.600e-002	-6.329e-002	4.750e-002
104	-3.463e-003	7.540e-003	-3.913e-002	-9.524e-002	6.170e-002	-4.845e-002
105	-1.717e-002	2.226e-004	-3.023e-002	3.341e-004	2.019e-001	-1.497e-003
106	1.465e-002	2.252e-004	-3.074e-002	3.303e-004	-2.066e-001	1.502e-003
107	-3.529e-003	-7.115e-003	-3.905e-002	9.558e-002	6.252e-002	4.549e-002
108	2.464e-003	-7.101e-003	-3.892e-002	9.632e-002	-6.409e-002	-4.453e-002
109	-7.964e-004	7.052e-003	-4.887e-002	-1.646e-001	-3.999e-002	5.624e-002
110	-3.004e-003	-1.062e-004	-6.801e-002	7.009e-004	1.911e-001	-1.522e-003
111	3.603e-004	-1.049e-004	-6.871e-002	7.003e-004	-1.891e-001	1.531e-003
112	-3.493e-004	6.848e-003	-4.884e-002	-1.637e-001	3.976e-002	-5.650e-002
113	-3.563e-004	-7.042e-003	-4.890e-002	1.651e-001	4.037e-002	5.365e-002
114	-7.776e-004	-7.241e-003	-4.892e-002	1.659e-001	-4.065e-002	-5.337e-002
115	-5.627e-004	-6.320e-003	-5.279e-002	2.568e-001	1.785e-004	-1.473e-003
116	1.072e-003	-4.504e-003	6.495e-002	7.529e-002	8.838e-004	-2.006e-003
117	2.673e-004	-2.459e-003	-6.155e-003	-2.624e-001	1.589e-003	4.235e-003
118	-1.284e-003	-2.889e-004	-8.870e-002	5.294e-004	2.294e-003	1.770e-006
119	2.689e-004	1.864e-003	-6.001e-003	2.619e-001	1.599e-003	-4.239e-003
120	1.073e-003	3.922e-003	6.478e-002	-7.558e-002	9.043e-004	2.014e-003
121	-5.680e-004	5.782e-003	-5.267e-002	-2.554e-001	2.092e-004	1.487e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	8.344e-005	7.264e-005	1.913e-003	3.302e-002	1.794e-001	1.525e-006
124	-1.504e-004	8.040e-005	2.527e-003	1.849e-002	-1.758e-001	-2.508e-006
125	-3.297e-004	1.249e-003	-1.875e-002	2.548e-002	-6.526e-002	-2.110e-007
126	7.703e-004	1.172e-003	2.444e-003	-1.338e-002	-1.778e-003	1.067e-006
127	-9.372e-004	1.193e-003	2.776e-003	5.049e-003	-2.702e-002	-6.646e-007
128	3.196e-008	2.488e-008	1.262e-009	1.371e-002	1.857e-002	-5.640e-007
129	1.828e-008	5.703e-008	8.454e-010	1.103e-001	-1.803e-002	2.459e-006
130	-5.290e-005	-7.296e-005	-8.439e-005	-9.663e-002	1.793e-002	-3.405e-007
131	-3.410e-008	1.976e-008	1.060e-009	4.402e-002	-1.888e-002	3.201e-007
132	-4.496e-004	4.158e-004	1.459e-002	2.857e-002	2.885e-001	-5.294e-007
133	-7.105e-005	4.712e-004	1.748e-002	5.245e-002	-1.014e-001	-1.999e-006
134	1.786e-004	7.960e-004	1.394e-002	-3.265e-002	-1.264e-002	-3.675e-006
135	1.357e-004	8.326e-004	1.590e-002	-5.758e-002	-2.221e-001	-5.181e-008
136	-1.677e-004	1.227e-003	-1.896e-002	-3.845e-002	6.302e-002	-6.688e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.297e-004	1.249e-003	-1.875e-002	-1.940e-002	-6.578e-002	1.167e-007
139	7.703e-004	1.172e-003	2.444e-003	5.241e-003	-2.305e-003	-8.666e-007
140	-9.372e-004	1.193e-003	2.776e-003	-6.185e-003	-2.650e-002	7.098e-007
141	4.994e-005	1.640e-003	1.898e-003	-2.427e-002	1.789e-001	-9.291e-007
142	-1.765e-004	1.639e-003	2.513e-003	-1.680e-002	-1.762e-001	2.046e-006
143	-1.677e-004	1.227e-003	-1.896e-002	3.841e-002	6.355e-002	8.798e-007
144	8.262e-005	1.453e-003	1.399e-002	4.101e-002	-1.132e-002	4.349e-006
145	2.069e-004	1.452e-003	1.596e-002	5.897e-002	-2.205e-001	4.902e-007
146	-5.809e-004	1.590e-003	1.456e-002	-3.724e-002	2.883e-001	1.075e-006
147	-1.123e-005	1.561e-003	1.747e-002	-5.414e-002	-1.073e-001	1.992e-006
148	2.616e-008	1.637e-003	-5.838e-011	-2.268e-002	1.921e-002	4.217e-007

Vettori modali 84 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
149	1.252e-008	1.721e-003	3.992e-010	-1.104e-001	-1.869e-002	-3.903e-006
150	-4.928e-005	2.077e-003	-8.339e-005	9.085e-002	1.858e-002	3.533e-007
151	-2.932e-008	1.636e-003	2.014e-010	-4.591e-002	-1.948e-002	-3.531e-007

Vettori modali 85 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.156e-003	5.260e-002	4.918e-004	5.189e-001	1.030e-001	-3.508e-006
2	5.349e-004	5.359e-002	2.853e-004	-3.165e-002	5.960e-003	-4.987e-006
3	2.758e-004	5.624e-002	9.258e-004	-4.935e-001	-3.650e-001	-3.548e-006
4	1.244e-004	5.596e-002	-3.330e-004	3.980e-002	2.892e-002	1.650e-006
5	1.475e-003	2.424e-003	4.402e-004	5.575e-003	2.496e-002	-1.796e-002
6	-4.305e-004	2.722e-003	4.000e-004	4.953e-003	-2.645e-002	1.044e-002
7	8.360e-004	4.991e-003	1.781e-003	-8.922e-002	6.177e-002	-3.350e-006
8	6.443e-004	1.269e-002	3.324e-003	7.136e-001	-4.974e-001	8.944e-007
9	2.499e-003	1.508e-002	-7.529e-004	5.705e-002	-1.019e-002	6.003e-006
10	-3.537e-003	2.500e-002	5.588e-004	-7.553e-001	1.339e-001	3.754e-006
11	-1.467e-003	4.259e-002	6.815e-004	7.698e-004	1.868e-003	2.648e-003
12	1.594e-003	3.962e-002	-7.664e-004	3.540e-003	-1.606e-003	3.451e-003
13	-2.833e-003	4.114e-002	-7.485e-004	3.873e-003	2.712e-003	-4.117e-003
14	1.847e-004	5.500e-002	1.316e-005	-2.013e-004	1.143e-002	2.699e-003
15	-1.159e-003	5.708e-002	-1.093e-005	1.391e-004	-9.245e-003	-1.355e-002
16	0.000e+000	0.000e+000	0.000e+000	5.466e-003	2.533e-004	-1.793e-002
17	0.000e+000	0.000e+000	0.000e+000	-1.176e-003	-2.035e-004	2.266e-002
18	-1.193e-004	6.795e-003	3.015e-005	8.900e-004	-2.965e-005	1.459e-002
19	0.000e+000	0.000e+000	0.000e+000	5.023e-003	3.571e-006	-1.829e-003
20	6.188e-003	1.446e-002	1.237e-003	-2.177e-003	1.710e-002	-5.264e-003
21	-1.845e-004	1.526e-002	-2.175e-004	1.061e-003	-1.536e-001	-4.950e-003
22	-6.828e-003	1.540e-002	8.013e-004	-2.703e-003	-1.783e-002	9.456e-003
23	5.693e-003	2.789e-002	-9.331e-004	-3.346e-003	7.748e-003	7.344e-003
24	-6.713e-004	2.930e-002	3.256e-004	1.191e-003	8.077e-002	1.168e-003
25	-5.516e-003	2.910e-002	-1.195e-003	-2.617e-003	-7.557e-003	-7.327e-003
26	-6.054e-004	4.155e-002	8.120e-004	-7.820e-004	-6.862e-004	2.804e-003
27	2.214e-003	4.800e-002	2.295e-004	1.083e-003	2.983e-003	-1.248e-003
28	-9.358e-004	4.969e-002	-2.549e-004	-1.537e-003	4.074e-002	-4.642e-004
29	-2.818e-003	4.971e-002	2.376e-004	7.245e-004	-1.498e-003	3.582e-003
30	1.352e-003	5.303e-002	4.251e-004	-7.243e-004	7.572e-003	2.998e-003
31	-3.450e-005	5.466e-002	-4.920e-004	4.940e-004	-7.664e-002	-4.372e-003
32	-4.331e-003	5.488e-002	2.633e-004	-7.002e-004	-5.708e-003	-1.221e-003
33	0.000e+000	5.484e-002	0.000e+000	-1.461e-004	2.057e-004	1.560e-003
34	0.000e+000	5.619e-002	0.000e+000	1.228e-003	-2.737e-004	1.234e-002
35	-7.845e-005	6.037e-002	5.759e-005	8.638e-004	-1.290e-004	1.277e-002
36	0.000e+000	5.701e-002	0.000e+000	1.355e-004	2.110e-004	-1.528e-002
37	7.959e-003	-1.046e-002	1.269e-003	1.226e-002	-1.314e-002	-1.403e-002
38	-7.763e-003	-1.041e-002	1.132e-003	1.347e-002	1.115e-002	8.560e-003
39	5.111e-003	1.162e-002	-7.572e-004	1.044e-001	2.914e-004	4.096e-003
40	-5.539e-003	1.225e-002	-7.923e-004	1.082e-001	2.316e-003	-4.940e-003
41	3.346e-003	2.895e-002	5.167e-005	1.374e-001	-4.833e-003	6.684e-003
42	-3.321e-003	3.002e-002	3.760e-006	1.424e-001	6.369e-003	-1.408e-002
43	-6.307e-003	-1.242e-003	2.027e-003	-3.227e-002	-1.983e-002	-1.009e-002
44	5.839e-003	-1.587e-003	1.801e-003	-3.257e-002	2.007e-002	6.681e-003
45	-9.825e-004	-2.897e-002	-7.053e-004	-3.006e-003	-1.527e-002	4.741e-003
46	1.672e-003	-3.004e-002	-7.913e-004	-2.504e-003	1.550e-002	-5.763e-003
47	-2.547e-003	-4.028e-002	8.725e-005	3.142e-002	-8.755e-003	1.067e-002
48	2.809e-003	-4.176e-002	1.819e-005	3.274e-002	7.961e-003	-1.462e-002
49	-2.072e-003	-1.880e-004	2.698e-003	5.433e-002	2.844e-002	-5.967e-003
50	2.277e-003	-5.469e-005	2.393e-003	5.397e-002	-2.765e-002	4.711e-003

Vettori modali 85 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
51	5.869e-004	1.896e-003	-1.178e-002	-5.514e-002	2.396e-002	-3.199e-003
52	-2.218e-004	2.040e-003	-1.212e-002	-5.438e-002	-2.401e-002	4.202e-003
53	2.265e-004	3.880e-003	-1.702e-002	4.123e-002	1.948e-002	4.195e-003
54	-6.064e-004	4.028e-003	-1.680e-002	4.191e-002	-2.036e-002	-3.242e-003
55	-2.411e-003	5.662e-003	-6.081e-004	-3.896e-002	1.500e-002	5.418e-003
56	2.207e-003	5.806e-003	-7.423e-004	-4.112e-002	-1.671e-002	-6.626e-003
57	-1.943e-003	7.904e-003	-2.739e-002	-5.430e-003	1.373e-002	-8.443e-003
58	2.238e-003	8.058e-003	-2.805e-002	-4.459e-003	-1.496e-002	8.246e-003
59	2.506e-003	9.732e-003	1.982e-003	7.710e-002	1.246e-002	-2.808e-003
60	-2.571e-003	9.889e-003	2.377e-003	7.873e-002	-1.320e-002	3.921e-003
61	-1.182e-003	1.105e-002	1.193e-004	-1.286e-001	1.119e-002	1.485e-002
62	8.568e-004	1.120e-002	3.219e-005	-1.324e-001	-1.145e-002	-1.518e-002
63	-8.607e-003	-5.802e-002	3.451e-003	4.326e-002	-1.906e-004	-4.265e-003
64	-6.551e-003	3.971e-003	9.792e-004	3.687e-002	-4.209e-003	-1.868e-002
65	-3.008e-003	6.365e-002	5.539e-004	2.930e-002	8.420e-004	-3.098e-002
66	8.635e-003	-5.783e-002	3.797e-003	4.233e-002	-8.806e-004	3.359e-003
67	6.230e-003	3.605e-003	1.131e-003	3.562e-002	5.456e-003	1.795e-002
68	3.128e-003	6.250e-002	6.487e-004	2.808e-002	4.704e-004	3.005e-002
69	8.046e-003	-6.368e-003	1.287e-002	1.683e-002	1.637e-002	1.232e-002
70	-5.167e-003	-3.491e-003	4.822e-003	-3.697e-002	1.231e-002	1.965e-002
71	2.509e-003	-1.635e-002	4.373e-003	-9.768e-002	2.428e-002	-1.370e-002
72	5.603e-003	-1.459e-002	-8.509e-004	4.573e-002	2.300e-002	9.690e-003
73	-3.508e-003	-1.207e-002	1.759e-002	-1.472e-003	2.171e-002	1.308e-002
74	7.650e-004	-8.913e-003	2.735e-003	-1.711e-002	2.043e-002	-3.134e-002
75	1.209e-003	-4.303e-004	1.072e-003	5.631e-002	8.249e-003	-4.758e-002
76	-2.794e-003	-1.599e-002	4.744e-003	-9.743e-002	-2.382e-002	1.316e-002
77	-5.856e-003	-1.423e-002	-9.769e-004	4.430e-002	-2.271e-002	-9.977e-003
78	3.618e-003	-1.172e-002	1.722e-002	-7.132e-004	-2.160e-002	-1.390e-002
79	-4.231e-004	-8.599e-003	2.897e-003	-1.689e-002	-2.049e-002	3.112e-002
80	-8.015e-003	-6.067e-003	1.261e-002	1.591e-002	-1.667e-002	-1.120e-002
81	4.894e-003	-3.217e-003	4.589e-003	-3.601e-002	-1.284e-002	-2.003e-002
82	-8.673e-004	-1.989e-004	1.170e-003	5.564e-002	-9.014e-003	4.604e-002
83	5.221e-003	1.658e-003	5.602e-003	-9.312e-002	6.268e-003	-3.039e-003
84	-1.830e-003	1.590e-003	1.582e-003	-1.634e-002	-1.776e-003	5.368e-002
85	-5.318e-003	1.778e-003	5.923e-003	-9.165e-002	-4.790e-003	1.893e-003
86	-3.345e-003	1.608e-003	4.312e-003	-5.626e-002	-1.197e-002	3.517e-002
87	1.958e-003	1.445e-003	1.387e-003	-1.752e-002	2.683e-004	-5.486e-002
88	3.528e-003	1.479e-003	4.054e-003	-5.788e-002	1.048e-002	-3.611e-002
89	4.612e-003	1.168e-002	5.238e-003	-4.841e-002	-1.333e-002	2.523e-002
90	-2.285e-003	1.207e-002	-6.667e-003	6.323e-003	-1.146e-002	1.033e-003
91	1.576e-003	1.183e-002	5.036e-003	2.184e-002	-9.588e-003	-1.012e-002
92	3.751e-003	1.096e-002	4.401e-003	-2.353e-002	-7.715e-003	1.186e-003
93	1.424e-003	1.084e-002	-2.103e-003	-1.438e-003	-7.212e-003	9.087e-003
94	-2.290e-003	1.014e-002	1.017e-003	7.834e-003	-6.708e-003	7.480e-004
95	1.466e-003	8.917e-003	1.017e-003	-1.012e-002	-6.204e-003	-1.234e-002
96	-4.479e-003	1.151e-002	5.391e-003	-4.789e-002	1.467e-002	-2.594e-002
97	2.417e-003	1.187e-002	-6.832e-003	5.379e-003	1.197e-002	-3.330e-004
98	-1.813e-003	1.162e-002	4.819e-003	2.275e-002	9.270e-003	1.037e-002
99	-3.787e-003	1.076e-002	4.830e-003	-2.248e-002	6.572e-003	-1.843e-003
100	-1.324e-003	1.062e-002	-1.999e-003	-3.252e-003	6.067e-003	-8.903e-003
101	2.191e-003	9.918e-003	5.158e-004	8.149e-003	5.561e-003	-4.296e-004
102	-1.552e-003	8.702e-003	1.375e-003	-7.963e-003	5.056e-003	1.207e-002
103	5.780e-004	6.065e-003	-1.209e-004	1.671e-002	-8.168e-003	3.651e-002
104	-7.347e-004	5.670e-003	3.253e-004	1.820e-002	8.219e-003	-3.580e-002
105	-1.961e-003	7.102e-003	2.680e-003	9.988e-003	2.009e-002	-4.741e-002

Vettori modali 85 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
106	1.862e-003	7.417e-003	2.173e-003	9.355e-003	-1.992e-002	4.784e-002
107	-1.976e-003	7.897e-003	2.315e-003	-7.361e-003	2.436e-002	-5.698e-002
108	2.231e-003	8.175e-003	2.310e-003	-7.795e-003	-2.371e-002	5.713e-002
109	4.890e-005	-3.126e-003	-1.340e-003	2.503e-002	-5.092e-003	4.193e-002
110	-4.006e-004	-3.306e-003	-6.565e-004	2.309e-002	1.610e-002	-4.796e-002
111	3.631e-004	-3.103e-003	-1.008e-003	2.284e-002	-1.458e-002	4.905e-002
112	-1.556e-004	-3.405e-003	-1.022e-003	2.575e-002	6.425e-003	-4.049e-002
113	-2.403e-004	-2.571e-003	-1.515e-003	1.706e-002	1.744e-002	-4.975e-002
114	5.196e-004	-2.364e-003	-1.474e-003	1.684e-002	-1.749e-002	5.065e-002
115	1.380e-004	-8.431e-003	-3.202e-003	2.594e-002	-1.395e-004	6.124e-004
116	-8.414e-005	-9.124e-003	5.088e-003	-4.390e-004	2.448e-004	1.452e-004
117	-4.072e-006	-9.341e-003	-1.980e-003	-1.644e-002	6.290e-004	-2.923e-004
118	3.186e-006	-9.069e-003	-2.330e-003	1.919e-002	1.013e-003	4.706e-004
119	-1.112e-004	-9.328e-003	4.591e-003	4.982e-004	9.892e-004	-1.495e-004
120	6.551e-005	-9.099e-003	-1.291e-003	-1.459e-002	9.652e-004	-2.675e-004
121	-3.310e-005	-8.395e-003	-1.744e-003	1.772e-002	9.411e-004	7.242e-004
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.476e-003	2.424e-003	4.401e-004	9.032e-002	-6.764e-002	2.485e-005
124	-4.307e-004	2.722e-003	3.999e-004	-4.473e-002	2.260e-001	-2.153e-005
125	-1.467e-003	4.259e-002	6.815e-004	7.274e-001	4.170e-002	-1.051e-005
126	1.594e-003	3.962e-002	-7.664e-004	-6.939e-002	3.619e-002	1.867e-005
127	-2.833e-003	4.114e-002	-7.485e-004	6.190e-002	-3.605e-002	-1.646e-005
128	1.655e-007	9.833e-007	6.114e-008	-1.074e-001	-2.909e-002	5.956e-006
129	1.461e-007	1.534e-006	1.589e-008	-6.193e-003	2.905e-002	-5.022e-006
130	-1.194e-004	6.795e-003	3.015e-005	-7.629e-001	-3.040e-002	-3.441e-006
131	-1.528e-007	5.959e-007	3.582e-008	3.242e-002	2.930e-002	-6.572e-006
132	6.188e-003	1.446e-002	1.237e-003	-8.268e-002	1.996e-002	6.327e-006
133	-6.828e-003	1.540e-002	8.014e-004	4.848e-002	9.337e-001	-1.030e-006
134	5.692e-003	2.789e-002	-9.331e-004	7.140e-002	-8.430e-002	-1.682e-005
135	-5.515e-003	2.910e-002	-1.195e-003	-5.814e-002	-3.331e-001	5.290e-006
136	-6.054e-004	4.155e-002	8.120e-004	2.012e-003	-4.052e-002	4.313e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.467e-003	4.259e-002	6.815e-004	-4.991e-001	2.204e-002	5.584e-006
139	1.594e-003	3.962e-002	-7.664e-004	-2.177e-001	1.623e-002	-1.156e-005
140	-2.833e-003	4.114e-002	-7.485e-004	-1.066e-001	-1.622e-002	1.505e-005
141	1.847e-004	5.500e-002	1.314e-005	2.141e-001	-9.111e-002	-6.797e-006
142	-1.159e-003	5.708e-002	-1.094e-005	1.054e-001	2.044e-001	4.615e-006
143	-6.053e-004	4.155e-002	8.120e-004	-3.676e-003	-2.063e-002	-1.259e-006
144	2.214e-003	4.800e-002	2.295e-004	2.209e-001	-3.926e-002	1.447e-005
145	-2.818e-003	4.971e-002	2.375e-004	1.091e-001	-2.627e-001	-6.036e-006
146	1.352e-003	5.303e-002	4.251e-004	-2.182e-001	1.301e-002	-1.119e-005
147	-4.331e-003	5.488e-002	2.634e-004	-1.076e-001	7.030e-001	-1.267e-006
148	-2.270e-008	5.484e-002	1.522e-008	-2.071e-001	-1.208e-003	-1.707e-006
149	-5.525e-008	5.619e-002	-9.083e-010	1.548e-003	8.117e-004	4.828e-006
150	-7.849e-005	6.037e-002	5.759e-005	5.411e-001	-2.320e-003	-2.882e-007
151	-1.736e-008	5.701e-002	7.329e-009	-1.015e-001	2.518e-003	1.347e-006

Vettori modali 86 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.375e-004	1.656e-002	5.501e-004	7.100e-002	-9.352e-002	3.871e-005
2	-4.935e-004	1.707e-002	1.234e-003	-6.070e-003	2.669e-001	3.102e-005
3	6.934e-004	1.828e-002	1.335e-003	-3.522e-002	-3.082e-001	1.884e-005
4	-4.855e-004	1.802e-002	1.835e-004	1.484e-001	2.164e-001	-6.485e-006
5	6.302e-004	8.188e-004	-9.371e-004	-1.046e-002	-7.940e-002	-7.735e-003
6	-1.888e-004	9.150e-004	-1.629e-003	-1.917e-002	7.783e-002	4.000e-003
7	-2.806e-004	1.437e-003	8.756e-004	-1.644e-001	2.274e-001	3.052e-006

Vettori modali 86 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
8	8.441e-004	3.771e-003	2.100e-003	1.047e-001	-3.493e-001	-1.262e-005
9	1.178e-004	4.835e-003	9.091e-004	1.431e-002	2.613e-001	-2.159e-005
10	-6.661e-004	8.274e-003	5.760e-004	-1.457e-001	-8.468e-002	-2.566e-005
11	-3.626e-004	1.366e-002	3.167e-002	1.808e-004	1.772e-002	7.436e-004
12	5.469e-004	1.264e-002	6.239e-003	9.276e-004	-4.666e-002	1.163e-003
13	-7.714e-004	1.315e-002	7.751e-003	1.019e-003	6.779e-002	-1.361e-003
14	2.378e-004	1.723e-002	-1.055e-003	1.195e-002	-8.310e-002	3.025e-003
15	-4.507e-004	1.791e-002	-1.743e-003	2.059e-002	8.265e-002	-5.252e-003
16	0.000e+000	0.000e+000	0.000e+000	-1.235e-002	-4.075e-004	-7.553e-003
17	0.000e+000	0.000e+000	0.000e+000	-1.269e-001	-1.539e-004	8.155e-003
18	1.020e-005	2.430e-003	5.676e-005	-9.157e-002	-2.336e-004	5.126e-003
19	0.000e+000	0.000e+000	0.000e+000	-2.096e-002	6.149e-004	-2.030e-004
20	2.640e-003	4.693e-003	-6.152e-004	8.912e-003	-6.971e-002	-1.354e-003
21	9.976e-005	4.949e-003	-4.470e-002	-1.424e-002	-7.678e-002	-2.153e-003
22	-2.375e-003	4.950e-003	-4.160e-003	6.368e-003	7.486e-002	3.285e-003
23	1.784e-003	8.971e-003	4.665e-003	7.822e-003	-5.819e-002	3.187e-003
24	-1.088e-005	9.543e-003	-1.336e-002	1.217e-001	5.796e-003	5.217e-004
25	-1.988e-003	9.351e-003	2.944e-003	1.602e-002	7.133e-002	-2.886e-003
26	-3.961e-005	1.334e-002	3.117e-002	-2.384e-004	-1.655e-002	9.025e-004
27	6.608e-004	1.521e-002	4.947e-003	-8.487e-003	-5.949e-002	-1.260e-003
28	-9.489e-005	1.581e-002	-1.354e-002	-1.218e-001	-7.717e-003	-2.885e-004
29	-1.126e-003	1.578e-002	3.301e-003	-1.658e-002	7.302e-002	1.731e-003
30	1.103e-003	1.670e-002	-8.701e-004	-9.636e-003	-7.232e-002	5.392e-004
31	1.458e-004	1.750e-002	-4.478e-002	1.472e-002	-5.168e-002	-8.608e-004
32	-1.606e-003	1.736e-002	-4.337e-003	-7.238e-003	7.825e-002	-5.533e-004
33	0.000e+000	1.719e-002	0.000e+000	1.382e-002	-4.174e-004	2.677e-003
34	0.000e+000	1.808e-002	0.000e+000	1.269e-001	-1.793e-004	3.162e-003
35	3.299e-005	1.910e-002	6.609e-005	9.205e-002	-2.661e-004	3.012e-003
36	0.000e+000	1.789e-002	0.000e+000	2.240e-002	6.806e-004	-5.763e-003
37	-2.193e-002	1.546e-002	-4.294e-003	-4.770e-003	2.974e-002	5.120e-003
38	2.173e-002	1.814e-002	-4.469e-003	-1.423e-003	-3.021e-002	-5.902e-003
39	-1.660e-002	4.229e-003	2.692e-003	3.317e-002	1.419e-002	1.345e-003
40	1.613e-002	4.457e-003	3.316e-003	3.441e-002	-2.656e-002	-1.611e-003
41	-2.321e-002	-8.791e-003	-4.655e-003	5.148e-002	3.216e-002	-7.276e-003
42	2.293e-002	-1.108e-002	-4.803e-003	5.013e-002	-3.145e-002	3.870e-003
43	1.649e-002	5.583e-004	-7.403e-003	3.112e-002	5.712e-002	1.797e-002
44	-1.644e-002	-1.005e-003	-7.051e-003	3.657e-002	-5.608e-002	-1.580e-002
45	9.679e-003	-9.318e-003	-1.011e-003	3.181e-004	4.558e-002	1.528e-003
46	-1.364e-002	-9.678e-003	-1.311e-003	5.287e-004	-4.000e-002	-1.861e-003
47	1.756e-002	-1.371e-002	-7.986e-003	-2.922e-002	6.009e-002	-1.758e-002
48	-1.726e-002	-1.274e-002	-7.586e-003	-3.424e-002	-5.934e-002	1.299e-002
49	6.444e-003	2.362e-002	-1.020e-002	-1.613e-001	-7.795e-002	3.146e-002
50	-5.917e-003	2.575e-002	-9.322e-003	-1.815e-001	7.856e-002	-2.619e-002
51	-3.518e-003	1.708e-002	9.713e-003	1.406e-001	-7.153e-002	4.007e-003
52	1.957e-003	1.859e-002	1.159e-002	1.522e-001	7.329e-002	-4.073e-003
53	1.397e-003	9.633e-003	4.443e-002	-5.487e-002	-6.512e-002	-1.550e-002
54	-7.198e-004	1.043e-002	4.825e-002	-6.254e-002	6.801e-002	9.542e-003
55	5.358e-003	1.670e-003	-4.832e-003	-1.334e-002	-5.870e-002	1.720e-003
56	-3.088e-003	1.713e-003	-6.082e-003	-1.408e-002	6.274e-002	-2.123e-003
57	7.193e-004	-6.147e-003	4.076e-002	6.711e-002	-6.673e-002	1.412e-002
58	1.815e-004	-6.852e-003	4.427e-002	7.536e-002	6.949e-002	-7.904e-003
59	-2.908e-003	-1.364e-002	1.447e-002	-1.328e-001	-7.475e-002	-5.809e-003
60	1.200e-003	-1.505e-002	1.660e-002	-1.436e-001	7.624e-002	6.568e-003
61	6.635e-003	-2.040e-002	-1.098e-002	1.361e-001	-8.278e-002	-2.838e-002
62	-6.276e-003	-2.245e-002	-1.003e-002	1.548e-001	8.299e-002	2.256e-002

Vettori modali 86 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
63	2.400e-002	1.624e-001	-1.200e-002	-1.863e-002	-3.078e-003	-5.685e-002
64	1.774e-002	1.683e-003	-1.331e-002	1.145e-002	-1.025e-002	-6.070e-003
65	2.553e-002	-1.598e-001	-1.288e-002	4.107e-002	-2.948e-003	4.521e-002
66	-2.363e-002	1.464e-001	-1.314e-002	-1.680e-002	1.665e-003	5.595e-002
67	-1.898e-002	1.549e-003	-1.103e-002	1.105e-002	-6.080e-004	5.818e-003
68	-2.514e-002	-1.441e-001	-1.410e-002	3.854e-002	2.312e-003	-4.495e-002
69	-7.566e-003	-1.058e-002	-3.893e-002	2.073e-002	-6.486e-002	-1.892e-002
70	3.869e-003	-1.778e-002	6.541e-003	9.086e-002	-7.010e-002	-9.224e-003
71	-9.241e-003	1.874e-002	-1.414e-002	2.223e-001	-7.104e-002	-8.908e-002
72	7.433e-003	1.207e-002	5.019e-003	-8.882e-002	-6.723e-002	1.885e-002
73	-1.138e-002	4.755e-003	-3.773e-002	-1.655e-002	-6.343e-002	2.727e-002
74	-1.114e-002	-2.815e-003	-2.016e-002	-4.555e-003	-5.963e-002	-1.022e-002
75	-9.650e-003	-2.403e-002	-1.515e-002	-2.335e-001	-7.533e-002	6.902e-002
76	9.125e-003	1.677e-002	-1.549e-002	2.015e-001	7.217e-002	8.170e-002
77	-5.554e-003	1.073e-002	3.446e-003	-7.339e-002	7.064e-002	-1.654e-002
78	9.927e-003	4.122e-003	-3.203e-002	-1.281e-002	6.912e-002	-2.062e-002
79	8.474e-003	-2.710e-003	-1.693e-002	-4.512e-003	6.759e-002	1.013e-002
80	6.091e-003	-9.730e-003	-3.321e-002	1.696e-002	7.042e-002	1.239e-002
81	-2.002e-003	-1.623e-002	4.942e-003	7.531e-002	7.326e-002	6.713e-003
82	9.740e-003	-2.186e-002	-1.659e-002	-2.129e-001	7.609e-002	-6.237e-002
83	-1.698e-002	-7.641e-004	-1.753e-002	1.041e-001	-1.462e-002	-1.133e-001
84	1.818e-002	1.558e-003	-2.045e-002	-1.294e-001	1.768e-002	-8.940e-002
85	1.719e-002	-6.996e-004	-1.915e-002	9.647e-002	1.720e-002	1.076e-001
86	1.685e-002	4.080e-004	-2.146e-002	-1.722e-002	2.845e-002	1.132e-002
87	-1.790e-002	1.530e-003	-1.879e-002	-1.378e-001	-1.608e-002	9.425e-002
88	-1.735e-002	3.630e-004	-2.388e-002	-1.775e-002	-1.414e-002	-1.166e-002
89	-1.432e-002	-1.431e-003	-1.564e-002	7.358e-002	4.719e-002	-7.668e-002
90	8.813e-003	2.010e-004	1.439e-002	1.709e-002	4.695e-002	-5.642e-003
91	-4.727e-003	1.823e-003	-2.965e-003	-6.160e-002	4.671e-002	3.844e-002
92	-1.457e-002	3.347e-003	-2.296e-002	-7.457e-003	4.647e-002	1.291e-004
93	-4.719e-003	5.100e-003	-5.271e-003	6.810e-002	4.737e-002	-3.853e-002
94	8.741e-003	6.580e-003	1.687e-002	-1.248e-002	4.827e-002	6.239e-003
95	-1.518e-002	7.709e-003	-1.690e-002	-9.187e-002	4.917e-002	7.990e-002
96	1.486e-002	-1.278e-003	-1.759e-002	7.419e-002	-4.542e-002	7.681e-002
97	-1.016e-002	2.840e-004	1.372e-002	2.204e-002	-4.168e-002	8.565e-003
98	4.253e-003	1.831e-003	-1.492e-003	-6.034e-002	-3.793e-002	-4.385e-002
99	1.622e-002	3.281e-003	-2.201e-002	-7.112e-003	-3.419e-002	-3.582e-004
100	4.360e-003	4.953e-003	-3.694e-003	6.654e-002	-3.886e-002	4.411e-002
101	-1.017e-002	6.360e-003	1.608e-002	-1.763e-002	-4.354e-002	-8.822e-003
102	1.565e-002	7.428e-003	-1.877e-002	-9.159e-002	-4.821e-002	-8.039e-002
103	-6.924e-003	5.785e-003	-6.557e-003	-5.492e-002	8.160e-002	5.804e-002
104	7.312e-003	5.616e-003	-8.360e-003	-5.572e-002	-8.383e-002	-5.691e-002
105	8.772e-003	2.200e-003	-1.362e-002	2.997e-003	-7.282e-002	-1.443e-002
106	-5.919e-003	2.305e-003	-1.315e-002	2.784e-003	7.920e-002	1.457e-002
107	6.989e-003	-1.410e-003	-7.727e-003	5.891e-002	-7.955e-002	2.872e-002
108	-6.469e-003	-1.355e-003	-5.774e-003	5.747e-002	7.751e-002	-2.956e-002
109	-1.183e-003	3.434e-004	6.400e-003	-1.918e-002	5.901e-002	3.267e-002
110	3.125e-003	-9.823e-004	-2.307e-003	7.198e-003	-5.211e-002	-1.468e-002
111	-5.159e-005	-9.136e-004	-1.488e-003	7.112e-003	5.028e-002	1.504e-002
112	1.279e-003	4.289e-004	5.265e-003	-2.001e-002	-6.428e-002	-3.201e-002
113	1.262e-003	-2.191e-003	5.261e-003	3.312e-002	-6.154e-002	4.346e-003
114	-1.043e-003	-1.944e-003	6.518e-003	3.198e-002	5.581e-002	-4.222e-003
115	1.950e-005	-2.353e-003	1.173e-002	2.027e-003	-3.591e-003	1.484e-003
116	-1.220e-003	-2.628e-003	-1.538e-003	-3.881e-002	-3.330e-003	3.752e-004
117	2.505e-004	-2.764e-003	-1.007e-002	1.506e-002	-3.069e-003	-4.449e-003

Vettori modali 86 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
118	1.504e-003	-2.752e-003	2.820e-003	6.179e-003	-2.808e-003	1.612e-004
119	2.112e-004	-2.902e-003	-7.863e-003	-2.019e-002	-2.947e-003	4.300e-003
120	-1.168e-003	-2.898e-003	-3.645e-003	3.359e-002	-3.087e-003	-4.264e-004
121	-3.452e-005	-2.739e-003	1.195e-002	1.141e-002	-3.227e-003	-1.037e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	6.303e-004	8.189e-004	-9.371e-004	2.193e-002	-2.713e-001	7.290e-006
124	-1.889e-004	9.151e-004	-1.629e-003	-5.401e-003	3.236e-001	-4.655e-006
125	-3.626e-004	1.366e-002	3.167e-002	2.561e-001	4.885e-002	-2.747e-006
126	5.469e-004	1.264e-002	6.239e-003	-3.702e-002	-1.919e-002	5.957e-006
127	-7.714e-004	1.315e-002	7.751e-003	-1.187e-002	5.360e-002	-5.305e-006
128	3.057e-008	3.117e-007	1.957e-008	-5.334e-002	-3.181e-002	2.515e-006
129	3.284e-008	4.623e-007	4.442e-009	-1.665e-001	3.106e-002	-5.590e-006
130	1.020e-005	2.430e-003	5.676e-005	-1.445e-001	-3.050e-002	-7.603e-007
131	-1.966e-008	1.835e-007	1.114e-008	-4.207e-002	3.092e-002	-2.549e-006
132	2.640e-003	4.693e-003	-6.152e-004	-2.117e-002	-2.697e-001	3.059e-006
133	-2.375e-003	4.950e-003	-4.160e-003	-5.848e-003	4.331e-001	2.302e-006
134	1.784e-003	8.971e-003	4.665e-003	4.381e-002	4.629e-002	9.594e-008
135	-1.988e-003	9.351e-003	2.944e-003	3.186e-002	4.244e-002	1.662e-006
136	-3.960e-005	1.334e-002	3.117e-002	5.675e-002	-5.224e-002	2.308e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.626e-004	1.366e-002	3.167e-002	-1.838e-001	4.257e-002	1.109e-006
139	5.469e-004	1.264e-002	6.239e-003	-5.777e-002	-2.555e-002	-3.613e-006
140	-7.714e-004	1.315e-002	7.751e-003	-2.937e-003	5.992e-002	4.808e-006
141	2.379e-004	1.723e-002	-1.055e-003	7.774e-002	-2.788e-001	-1.210e-006
142	-4.508e-004	1.791e-002	-1.743e-003	2.465e-002	3.175e-001	-1.253e-006
143	-3.958e-005	1.334e-002	3.117e-002	-5.725e-002	-4.591e-002	-1.461e-006
144	6.607e-004	1.521e-002	4.947e-003	5.230e-002	6.112e-002	-2.416e-006
145	-1.126e-003	1.578e-002	3.301e-003	-1.546e-002	6.414e-002	-2.390e-006
146	1.103e-003	1.670e-002	-8.701e-004	-7.733e-002	-2.722e-001	-5.505e-006
147	-1.606e-003	1.736e-002	-4.337e-003	-1.280e-002	3.610e-001	-3.097e-006
148	-3.594e-008	1.719e-002	4.428e-009	-5.020e-002	-2.306e-002	-9.519e-007
149	-3.628e-008	1.808e-002	-8.532e-010	1.650e-001	2.217e-002	7.801e-006
150	3.300e-005	1.910e-002	6.610e-005	7.468e-002	-2.166e-002	-5.408e-007
151	2.815e-008	1.789e-002	1.633e-009	1.952e-002	2.254e-002	7.673e-007

Vettori modali 87 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	4.836e-004	-1.115e-003	1.572e-005	-1.718e-002	-7.540e-003	3.355e-006
2	1.652e-004	-7.594e-004	6.156e-005	2.344e-003	1.692e-002	2.460e-006
3	1.141e-004	-1.178e-003	-1.388e-006	1.817e-002	-6.258e-003	1.622e-006
4	2.413e-005	-8.288e-004	3.441e-005	6.257e-003	1.178e-002	-5.242e-007
5	1.542e-005	-6.739e-005	5.332e-004	6.109e-003	-4.099e-003	-2.721e-004
6	2.112e-006	-3.082e-005	-3.751e-004	-4.180e-003	-2.494e-002	-2.071e-004
7	4.009e-005	-9.526e-005	-8.593e-006	-6.135e-003	1.216e-002	3.591e-007
8	1.459e-004	-2.764e-004	-2.603e-005	-2.190e-002	-2.254e-003	-9.206e-007
9	1.805e-004	-2.489e-004	7.122e-005	-2.549e-003	1.778e-002	-1.670e-006
10	5.580e-004	-5.130e-004	1.122e-005	2.131e-002	-7.780e-003	-1.903e-006
11	6.379e-004	-8.522e-004	3.317e-003	-1.098e-005	-4.044e-003	-4.122e-004
12	6.350e-004	-5.262e-004	-4.622e-003	-3.887e-005	-1.044e-002	-1.505e-004
13	6.111e-004	-9.485e-004	4.380e-003	-6.422e-005	-3.077e-003	2.131e-005
14	1.420e-005	-4.564e-004	5.386e-004	-6.180e-003	-3.877e-003	3.100e-004
15	-8.606e-006	-1.563e-003	-3.682e-004	4.098e-003	-2.517e-002	2.876e-005
16	0.000e+000	0.000e+000	0.000e+000	6.942e-003	-5.659e-005	-1.102e-004
17	0.000e+000	0.000e+000	0.000e+000	-7.895e-003	6.360e-005	-5.303e-004
18	1.361e-005	-1.361e-004	-1.653e-005	-6.911e-003	6.291e-005	-2.840e-004
19	0.000e+000	0.000e+000	0.000e+000	-4.943e-003	-1.858e-004	1.394e-004

Vettori modali 87 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
20	2.297e-004	-1.958e-004	-6.684e-004	-8.610e-003	-5.975e-003	-5.725e-004
21	2.686e-004	-2.854e-004	-2.783e-003	-8.913e-004	1.714e-003	-5.840e-004
22	3.966e-004	-3.527e-004	1.188e-003	8.386e-003	-1.847e-002	-1.094e-003
23	4.692e-004	-3.720e-004	-4.668e-003	-3.768e-003	-8.208e-003	-4.272e-004
24	5.381e-004	-5.398e-004	-8.197e-004	7.608e-003	-5.624e-003	-3.618e-004
25	6.864e-004	-6.720e-004	4.718e-003	2.707e-003	-1.078e-002	-5.355e-005
26	6.430e-004	-7.642e-004	1.954e-003	1.565e-005	-7.273e-003	-2.149e-004
27	5.102e-004	-6.071e-004	-4.676e-003	3.806e-003	-8.130e-003	4.248e-004
28	5.007e-004	-9.085e-004	-8.084e-004	-7.603e-003	-4.628e-003	5.114e-004
29	5.986e-004	-1.171e-003	4.692e-003	-2.679e-003	-1.086e-002	2.309e-004
30	2.695e-004	-5.805e-004	-6.525e-004	8.633e-003	-5.819e-003	6.440e-004
31	2.030e-004	-9.898e-004	-2.779e-003	8.592e-004	2.269e-003	8.092e-004
32	2.961e-004	-1.377e-003	1.195e-003	-8.325e-003	-1.864e-002	9.452e-004
33	0.000e+000	-4.604e-004	0.000e+000	-7.008e-003	-5.724e-005	1.578e-005
34	0.000e+000	-1.016e-003	0.000e+000	7.898e-003	6.762e-005	-7.441e-004
35	2.563e-005	-1.262e-003	-1.754e-005	6.884e-003	6.575e-005	-1.083e-003
36	0.000e+000	-1.555e-003	0.000e+000	4.855e-003	-1.914e-004	-2.090e-004
37	-1.127e-003	-2.288e-002	2.525e-003	1.529e-002	1.619e-003	-1.939e-005
38	-6.990e-003	2.051e-002	-2.291e-003	-1.476e-002	9.982e-003	4.679e-003
39	-2.312e-003	-1.453e-004	-1.931e-003	-1.405e-003	2.774e-003	-1.266e-004
40	-8.447e-003	-3.768e-004	1.577e-003	-2.451e-003	-5.975e-003	6.155e-005
41	-1.066e-003	2.277e-002	2.539e-003	-1.669e-002	1.534e-003	5.138e-006
42	-7.062e-003	-2.123e-002	-2.265e-003	1.070e-002	1.010e-002	-4.707e-003
43	8.961e-004	-2.608e-003	4.370e-003	-5.178e-002	2.994e-003	2.333e-004
44	5.448e-003	2.692e-003	-4.073e-003	4.663e-002	1.822e-002	9.564e-003
45	1.777e-003	3.879e-004	8.724e-004	8.717e-005	6.311e-003	-1.028e-004
46	7.573e-004	7.024e-004	-1.316e-003	-1.962e-004	2.787e-002	1.018e-004
47	8.496e-004	2.978e-003	4.391e-003	5.200e-002	2.836e-003	-2.997e-004
48	5.506e-003	-1.510e-003	-4.031e-003	-4.720e-002	1.840e-002	-9.443e-003
49	5.009e-004	-2.886e-002	6.032e-003	2.191e-001	-3.324e-003	4.983e-004
50	2.474e-003	2.598e-002	-5.687e-003	-1.970e-001	-2.288e-002	1.469e-002
51	-7.152e-004	-2.018e-002	-1.381e-002	-1.675e-001	-4.807e-003	1.942e-003
52	-3.675e-003	1.810e-002	1.352e-002	1.526e-001	-2.311e-002	2.196e-003
53	-3.282e-004	-1.041e-002	-5.412e-002	6.961e-002	-6.289e-003	-3.012e-003
54	1.066e-003	9.242e-003	4.899e-002	-6.663e-002	-2.334e-002	-1.455e-002
55	8.913e-004	-7.610e-005	3.758e-003	4.048e-004	-7.772e-003	-7.779e-005
56	5.141e-003	-1.127e-004	-4.269e-003	1.212e-003	-2.358e-002	1.440e-004
57	-2.967e-004	1.025e-002	-5.407e-002	-7.005e-002	-6.213e-003	3.074e-003
58	1.008e-003	-9.477e-003	4.940e-002	6.559e-002	-2.344e-002	1.444e-002
59	-7.437e-004	2.002e-002	-1.397e-002	1.674e-001	-4.653e-003	-1.855e-003
60	-3.624e-003	-1.833e-002	1.310e-002	-1.535e-001	-2.330e-002	-2.350e-003
61	4.866e-004	2.871e-002	6.059e-003	-2.186e-001	-3.094e-003	-6.194e-004
62	2.486e-003	-2.619e-002	-5.630e-003	1.996e-001	-2.315e-002	-1.441e-002
63	-6.116e-003	1.778e-001	-8.152e-003	-2.740e-002	-7.621e-005	-4.659e-003
64	-1.055e-002	-1.937e-004	-1.022e-002	-8.320e-004	-1.271e-002	4.755e-004
65	-6.204e-003	-1.782e-001	-8.081e-003	2.576e-002	-4.724e-005	5.602e-003
66	-5.833e-004	-1.959e-001	8.626e-003	2.826e-002	4.816e-004	-1.474e-002
67	-2.222e-003	-9.004e-006	1.005e-002	-4.509e-004	2.039e-004	-2.156e-004
68	-5.078e-004	1.960e-001	8.660e-003	-2.914e-002	4.687e-004	1.435e-002
69	-8.332e-003	-8.625e-003	-4.216e-002	2.208e-003	3.345e-002	1.032e-002
70	-1.732e-003	-1.701e-002	2.445e-003	1.072e-001	2.740e-002	-2.700e-002
71	2.845e-003	2.489e-002	-1.028e-002	2.289e-001	2.112e-002	-2.500e-002
72	-2.020e-003	1.746e-002	2.495e-003	-1.071e-001	2.725e-002	2.621e-002
73	-8.018e-003	9.086e-003	-4.215e-002	-2.383e-003	3.338e-002	-1.099e-002
74	6.519e-004	2.231e-004	-1.589e-002	1.428e-004	3.950e-002	8.239e-004

Vettori modali 87 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
75	2.877e-003	-2.448e-002	-1.020e-002	-2.285e-001	2.134e-002	2.664e-002
76	1.566e-003	-2.688e-002	1.086e-002	-2.512e-001	7.317e-003	-3.075e-002
77	-3.155e-003	-1.874e-002	-1.487e-003	1.201e-001	9.003e-003	2.692e-002
78	-8.224e-003	-9.580e-003	4.669e-002	-2.279e-003	1.069e-002	-1.488e-002
79	2.045e-003	9.441e-005	1.609e-002	3.416e-004	1.237e-002	-3.605e-004
80	-8.090e-003	9.777e-003	4.682e-002	2.003e-003	1.062e-002	1.518e-002
81	-3.284e-003	1.893e-002	-1.599e-003	-1.204e-001	8.862e-003	-2.657e-002
82	1.538e-003	2.707e-002	1.090e-002	2.521e-001	7.106e-003	3.010e-002
83	5.679e-003	8.508e-004	-9.381e-003	9.349e-002	1.055e-002	-4.512e-002
84	3.041e-003	6.404e-004	1.051e-002	1.060e-001	9.429e-003	5.542e-002
85	3.092e-003	-7.379e-004	1.046e-002	-1.045e-001	9.488e-003	-5.592e-002
86	4.490e-003	-4.685e-005	1.569e-002	7.607e-004	1.335e-002	-3.668e-004
87	5.732e-003	-8.372e-004	-9.288e-003	-9.121e-002	1.058e-002	4.679e-002
88	7.389e-003	7.489e-006	-1.377e-002	1.226e-003	3.183e-002	9.655e-004
89	6.968e-003	-4.249e-003	-8.575e-003	3.587e-002	7.648e-003	-7.466e-003
90	-1.014e-002	-3.048e-003	8.026e-003	1.224e-002	1.192e-002	3.612e-002
91	-7.816e-003	-1.682e-003	-5.210e-004	-3.377e-002	1.619e-002	-4.331e-002
92	1.147e-002	-2.253e-004	-1.126e-002	6.163e-004	2.046e-002	1.255e-004
93	-7.862e-003	1.216e-003	-3.253e-004	3.323e-002	1.613e-002	4.321e-002
94	-1.009e-002	2.591e-003	7.819e-003	-1.264e-002	1.181e-002	-3.626e-002
95	7.009e-003	3.827e-003	-8.489e-003	-3.441e-002	7.486e-003	7.569e-003
96	4.991e-003	4.367e-003	9.164e-003	-4.305e-002	1.588e-002	-1.783e-002
97	-7.230e-003	2.995e-003	-9.764e-003	-1.132e-002	1.925e-002	3.354e-002
98	-8.371e-003	1.462e-003	1.596e-003	4.037e-002	2.263e-002	-3.166e-002
99	7.435e-003	-1.505e-004	1.396e-002	2.239e-004	2.600e-002	1.420e-004
100	-8.419e-003	-1.773e-003	1.662e-003	-4.057e-002	2.266e-002	3.154e-002
101	-7.187e-003	-3.300e-003	-9.837e-003	1.120e-002	1.932e-002	-3.363e-002
102	4.944e-003	-4.649e-003	9.214e-003	4.362e-002	1.598e-002	1.829e-002
103	8.148e-003	4.454e-003	-7.239e-003	-1.842e-002	1.053e-002	2.151e-002
104	7.294e-003	-4.801e-003	6.383e-003	2.037e-002	2.189e-002	2.617e-002
105	1.167e-002	-6.680e-005	8.920e-003	-2.973e-004	3.978e-002	7.556e-004
106	1.382e-002	-1.907e-004	-8.743e-003	-2.619e-005	1.524e-002	-8.863e-004
107	7.322e-003	4.680e-003	6.356e-003	-2.083e-002	2.170e-002	-2.470e-002
108	8.134e-003	-4.826e-003	-7.293e-003	1.857e-002	1.079e-002	-2.325e-002
109	9.114e-003	1.605e-003	-5.029e-003	-9.467e-003	1.536e-002	1.852e-002
110	1.464e-002	9.638e-005	2.217e-003	-4.713e-004	3.548e-002	6.326e-004
111	1.497e-002	9.468e-006	-6.449e-003	-3.470e-004	1.347e-002	-1.056e-003
112	8.993e-003	-1.309e-003	2.447e-003	2.720e-003	2.279e-002	1.951e-002
113	9.008e-003	1.492e-003	2.446e-003	-3.599e-003	2.267e-002	-1.836e-002
114	9.120e-003	-1.601e-003	-5.043e-003	8.875e-003	1.555e-002	-2.054e-002
115	9.529e-003	-3.181e-005	-1.636e-003	7.291e-003	2.039e-002	6.357e-003
116	-1.276e-002	3.360e-005	2.336e-003	2.843e-003	2.107e-002	3.806e-002
117	-6.956e-003	9.722e-005	-1.896e-004	-9.500e-003	2.175e-002	-5.411e-002
118	1.542e-002	1.556e-004	-3.268e-003	-3.587e-004	2.242e-002	-2.316e-004
119	-6.862e-003	2.233e-004	-3.200e-004	9.798e-003	2.173e-002	5.429e-002
120	-1.284e-002	2.789e-004	2.459e-003	-2.532e-003	2.104e-002	-3.782e-002
121	9.518e-003	3.194e-004	-1.643e-003	-8.057e-003	2.035e-002	-6.838e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	1.542e-005	-6.739e-005	5.332e-004	1.175e-003	-1.098e-002	-1.946e-007
124	2.117e-006	-3.083e-005	-3.751e-004	3.145e-003	1.185e-002	7.213e-007
125	6.380e-004	-8.522e-004	3.317e-003	-8.130e-003	-4.967e-003	3.130e-007
126	6.350e-004	-5.262e-004	-4.622e-003	8.838e-003	-1.213e-002	-3.126e-007
127	6.111e-004	-9.484e-004	4.380e-003	-1.114e-002	4.386e-004	2.994e-007
128	2.816e-009	-1.641e-008	-8.499e-010	1.264e-002	-6.633e-005	-1.418e-007
129	4.604e-009	-2.982e-008	-3.557e-010	-1.020e-002	5.978e-005	-1.082e-007

Vettori modali 87 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
130	1.362e-005	-1.361e-004	-1.653e-005	2.142e-002	2.104e-004	6.175e-008
131	7.629e-009	-1.384e-008	-9.301e-010	-1.195e-002	-1.996e-004	9.468e-008
132	2.297e-004	-1.958e-004	-6.684e-004	-7.122e-003	-2.275e-002	-5.212e-008
133	3.966e-004	-3.527e-004	1.188e-003	4.285e-003	-1.326e-002	1.739e-007
134	4.692e-004	-3.720e-004	-4.668e-003	-8.674e-003	-5.344e-003	7.269e-007
135	6.864e-004	-6.720e-004	4.718e-003	9.753e-003	-9.752e-003	-1.138e-007
136	6.430e-004	-7.642e-004	1.954e-003	3.458e-003	-6.671e-003	-6.790e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	6.379e-004	-8.522e-004	3.317e-003	4.089e-003	-4.747e-003	1.815e-007
139	6.350e-004	-5.262e-004	-4.622e-003	-2.218e-003	-1.190e-002	1.114e-007
140	6.111e-004	-9.485e-004	4.380e-003	1.132e-002	1.993e-004	-2.729e-007
141	1.420e-005	-4.564e-004	5.386e-004	-8.014e-003	-9.096e-003	-5.968e-007
142	-8.602e-006	-1.563e-003	-3.682e-004	-3.618e-003	1.414e-002	-7.266e-007
143	6.430e-004	-7.642e-004	1.954e-003	-3.431e-003	-6.923e-003	-3.558e-007
144	5.102e-004	-6.071e-004	-4.676e-003	2.026e-003	-6.391e-003	-4.109e-007
145	5.986e-004	-1.171e-003	4.692e-003	-1.007e-002	-1.081e-002	8.086e-008
146	2.695e-004	-5.805e-004	-6.525e-004	1.390e-002	-2.222e-002	1.870e-009
147	2.961e-004	-1.377e-003	1.195e-003	-3.853e-003	-7.344e-003	-1.197e-007
148	1.373e-008	-4.604e-004	2.512e-010	-5.465e-003	-9.917e-004	9.749e-008
149	1.781e-008	-1.016e-003	-3.417e-011	1.030e-002	1.030e-003	1.738e-007
150	2.564e-005	-1.262e-003	-1.754e-005	-1.722e-002	-7.264e-004	7.408e-008
151	9.634e-009	-1.555e-003	-6.031e-010	1.250e-002	7.587e-004	2.096e-008

Vettori modali 88 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.084e-003	7.732e-003	-7.246e-004	2.605e-001	2.606e-001	-9.256e-005
2	1.488e-003	7.408e-003	-2.141e-003	-1.898e-002	-5.640e-001	-7.647e-005
3	-1.319e-003	7.040e-003	-1.933e-003	-3.157e-001	3.894e-001	-4.766e-005
4	1.237e-003	7.293e-003	-5.530e-004	-2.858e-001	-4.636e-001	1.673e-005
5	-4.063e-004	3.520e-004	4.058e-004	4.055e-003	-6.853e-002	4.905e-003
6	3.682e-004	4.095e-004	2.586e-003	3.143e-002	6.243e-002	-3.727e-003
7	1.373e-003	1.066e-003	-2.682e-004	2.779e-001	-4.591e-001	-1.032e-005
8	-1.275e-003	2.485e-003	-1.591e-003	3.512e-001	3.678e-001	3.083e-005
9	1.822e-003	2.174e-003	-2.298e-003	2.338e-002	-5.657e-001	5.536e-005
10	-1.297e-003	3.140e-003	-7.206e-004	-2.985e-001	2.660e-001	6.299e-005
11	-1.066e-004	6.013e-003	-7.108e-002	9.597e-006	-6.375e-002	4.609e-004
12	-6.398e-004	5.629e-003	-1.701e-003	2.425e-004	1.174e-001	4.943e-004
13	2.528e-004	5.816e-003	-4.897e-003	2.716e-004	-1.676e-001	-6.108e-004
14	-6.243e-004	7.700e-003	3.704e-004	-3.611e-003	-6.980e-002	-7.438e-003
15	2.730e-004	7.877e-003	2.551e-003	-3.101e-002	6.413e-002	3.399e-003
16	0.000e+000	0.000e+000	0.000e+000	5.603e-003	-4.925e-004	4.568e-003
17	0.000e+000	0.000e+000	0.000e+000	2.792e-001	1.505e-004	1.335e-003
18	-9.058e-005	6.205e-004	-1.274e-005	1.970e-001	-4.886e-005	2.344e-003
19	0.000e+000	0.000e+000	0.000e+000	3.279e-002	2.377e-004	-4.766e-003
20	-5.568e-004	2.006e-003	6.634e-004	-2.338e-003	-1.355e-002	-3.094e-003
21	-3.151e-004	2.100e-003	9.764e-002	2.702e-002	3.778e-002	4.007e-004
22	-2.515e-004	2.246e-003	1.239e-002	7.801e-003	-5.615e-003	2.190e-003
23	8.132e-004	3.918e-003	-1.108e-003	-3.023e-003	5.192e-002	7.743e-004
24	-4.514e-004	3.903e-003	2.576e-002	-2.729e-001	6.126e-002	-2.299e-004
25	-4.050e-005	4.097e-003	5.768e-003	-2.795e-002	-8.662e-002	-1.151e-003
26	-2.987e-004	5.847e-003	-7.294e-002	-1.214e-004	3.845e-002	4.203e-004
27	2.604e-004	6.839e-003	-1.049e-003	2.797e-003	5.147e-002	2.345e-004
28	-5.041e-004	7.157e-003	2.567e-002	2.728e-001	5.518e-002	3.605e-004
29	3.758e-004	7.008e-003	5.853e-003	2.777e-002	-8.601e-002	5.429e-004
30	-1.340e-003	7.512e-003	5.666e-004	2.175e-003	-1.444e-002	2.770e-003
31	-3.061e-004	7.551e-003	9.761e-002	-2.678e-002	4.967e-002	-1.818e-003

Vettori modali 88 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
32	1.550e-004	7.590e-003	1.232e-002	-8.018e-003	-4.413e-003	-9.742e-004
33	0.000e+000	7.674e-003	0.000e+000	-5.162e-003	-4.967e-004	-7.403e-003
34	0.000e+000	7.507e-003	0.000e+000	-2.792e-001	1.433e-004	3.886e-003
35	-8.996e-005	8.592e-003	-9.658e-006	-1.969e-001	-6.009e-005	2.180e-003
36	0.000e+000	7.873e-003	0.000e+000	-3.235e-002	2.601e-004	2.420e-003
37	-1.937e-002	9.759e-003	3.181e-003	-8.763e-003	2.970e-002	2.446e-002
38	1.770e-002	8.990e-003	3.170e-003	-2.486e-002	-2.707e-002	-2.718e-002
39	-2.033e-002	2.372e-003	2.295e-003	1.466e-002	-8.162e-002	5.959e-004
40	1.909e-002	2.469e-003	6.743e-004	1.512e-002	1.120e-001	-7.394e-004
41	-1.985e-002	-5.954e-003	3.037e-003	2.937e-002	3.077e-002	-2.563e-002
42	1.812e-002	-5.044e-003	3.039e-003	4.607e-002	-2.754e-002	2.633e-002
43	1.590e-002	1.451e-003	5.764e-003	2.430e-002	4.918e-002	4.402e-002
44	-1.461e-002	7.546e-003	3.563e-003	2.449e-002	-4.546e-002	-5.064e-002
45	-2.008e-002	-4.246e-003	6.153e-003	1.324e-003	9.058e-002	6.975e-004
46	3.016e-002	-4.385e-003	6.205e-003	1.428e-003	-9.791e-002	-8.680e-004
47	1.635e-002	-7.477e-003	5.520e-003	-2.134e-002	5.020e-002	-4.381e-002
48	-1.491e-002	-1.376e-002	3.344e-003	-2.136e-002	-4.656e-002	4.927e-002
49	6.632e-003	9.606e-003	8.100e-003	-8.464e-002	-6.101e-002	6.452e-002
50	-6.979e-003	1.344e-002	3.744e-003	-9.930e-002	5.240e-002	-7.524e-002
51	-1.587e-002	6.950e-003	-6.234e-003	2.125e-002	-5.321e-002	-4.576e-003
52	1.917e-002	9.635e-003	-7.239e-003	4.270e-002	4.273e-002	7.032e-003
53	8.731e-003	3.906e-003	1.160e-002	2.182e-002	-4.541e-002	-5.953e-002
54	-1.080e-002	5.294e-003	1.834e-002	2.098e-002	3.307e-002	7.133e-002
55	2.230e-002	6.442e-004	9.800e-003	-6.907e-003	-3.761e-002	8.041e-004
56	-2.680e-002	6.567e-004	1.160e-002	-7.196e-003	2.341e-002	-1.003e-003
57	8.424e-003	-2.554e-003	9.525e-003	-1.552e-002	-4.603e-002	5.886e-002
58	-1.038e-002	-3.914e-003	1.615e-002	-1.444e-002	3.361e-002	-7.052e-002
59	-1.558e-002	-5.610e-003	-3.733e-003	-1.677e-002	-5.445e-002	3.824e-003
60	1.881e-002	-8.267e-003	-4.631e-003	-3.792e-002	4.380e-002	-5.946e-003
61	6.647e-003	-8.352e-003	7.767e-003	7.145e-002	-6.287e-002	-6.289e-002
62	-7.071e-003	-1.216e-002	3.447e-003	8.562e-002	5.400e-002	7.332e-002
63	1.268e-002	7.662e-002	3.471e-003	5.776e-003	4.741e-003	-2.522e-002
64	3.619e-002	1.106e-003	1.422e-002	4.976e-003	1.089e-001	-2.949e-003
65	1.322e-002	-7.467e-002	3.089e-003	3.909e-003	4.621e-003	1.944e-002
66	-1.577e-002	5.726e-002	9.498e-003	8.830e-003	-2.090e-003	2.430e-002
67	-3.451e-002	1.054e-003	1.149e-002	4.829e-003	-8.430e-002	2.849e-003
68	-1.632e-002	-5.543e-002	9.074e-003	6.184e-004	-1.585e-003	-1.879e-002
69	8.611e-003	-4.932e-003	-1.749e-002	-6.648e-002	-9.103e-002	6.632e-002
70	-1.880e-002	-8.309e-003	-1.557e-002	6.625e-002	-5.741e-002	7.458e-003
71	-4.950e-004	8.835e-003	2.981e-003	6.825e-002	-2.238e-002	2.737e-002
72	-1.700e-002	5.719e-003	-1.602e-002	-6.601e-002	-5.647e-002	-2.689e-003
73	6.692e-003	2.283e-003	-1.722e-002	6.780e-002	-9.056e-002	-6.216e-002
74	2.345e-002	-1.279e-003	1.614e-002	-1.336e-003	-1.246e-001	-4.996e-003
75	-6.887e-004	-1.122e-002	2.531e-003	-7.165e-002	-2.380e-002	-3.721e-002
76	1.356e-003	5.849e-003	1.041e-002	4.509e-002	2.617e-002	-1.799e-002
77	1.166e-002	3.644e-003	-1.220e-002	-7.105e-002	5.498e-002	4.512e-003
78	-5.310e-003	1.235e-003	-1.826e-002	5.738e-002	8.380e-002	4.219e-002
79	-1.646e-002	-1.242e-003	1.260e-002	-1.309e-003	1.126e-001	4.998e-003
80	-7.257e-003	-3.808e-003	-1.851e-002	-5.608e-002	8.422e-002	-4.633e-002
81	1.348e-002	-6.161e-003	-1.177e-002	7.121e-002	5.582e-002	-9.429e-003
82	1.654e-003	-8.170e-003	9.914e-003	-4.856e-002	2.742e-002	2.757e-002
83	-1.527e-003	3.132e-004	2.649e-003	2.352e-002	7.083e-003	-1.934e-003
84	2.833e-003	-7.395e-006	9.812e-003	-2.724e-002	-1.068e-002	9.744e-003
85	2.455e-003	2.164e-004	1.036e-002	1.325e-002	-1.050e-002	-6.400e-004
86	3.787e-003	9.751e-005	5.110e-003	-7.418e-003	9.620e-002	5.462e-003

Vettori modali 88 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
87	-1.863e-003	-1.397e-004	2.120e-003	-3.782e-002	6.773e-003	-7.455e-003
88	-7.577e-004	8.008e-005	7.429e-003	-7.614e-003	-1.244e-001	-5.567e-003
89	1.984e-004	-7.565e-005	4.004e-003	-1.327e-003	1.171e-002	-1.316e-002
90	1.032e-002	4.616e-004	-2.254e-004	-1.176e-002	1.507e-003	-8.682e-004
91	-3.101e-003	9.731e-004	-3.108e-003	3.296e-003	-8.695e-003	3.755e-002
92	-1.322e-002	1.430e-003	-5.371e-004	-3.399e-003	-1.890e-002	-1.656e-004
93	-3.036e-003	1.988e-003	-4.198e-003	-2.963e-004	-8.458e-003	-3.739e-002
94	1.021e-002	2.435e-003	9.409e-004	1.395e-002	1.983e-003	1.213e-003
95	-9.674e-005	2.747e-003	3.487e-003	-6.807e-003	1.242e-002	1.391e-002
96	3.520e-004	7.740e-004	1.228e-002	-1.289e-002	-1.289e-002	8.296e-003
97	-9.445e-003	1.048e-003	-2.282e-004	-3.008e-002	-1.033e-002	4.743e-003
98	1.589e-003	1.263e-003	-7.337e-003	8.859e-003	-7.776e-003	-3.511e-002
99	1.195e-002	1.407e-003	1.001e-004	-3.277e-003	-5.216e-003	7.637e-005
100	1.571e-003	1.651e-003	-8.392e-003	-5.970e-003	-8.154e-003	3.501e-002
101	-9.377e-003	1.802e-003	8.983e-004	3.222e-002	-1.109e-002	-4.944e-003
102	6.144e-004	1.852e-003	1.180e-002	5.086e-003	-1.403e-002	-9.170e-003
103	1.002e-003	1.068e-003	5.002e-003	1.902e-002	7.305e-003	9.436e-004
104	9.746e-005	-3.241e-004	1.272e-002	2.764e-002	3.526e-003	3.856e-003
105	6.086e-003	9.798e-004	9.279e-003	1.244e-003	-9.704e-002	-6.144e-003
106	-9.516e-003	1.017e-003	6.064e-003	1.171e-003	8.772e-002	6.191e-003
107	4.444e-006	2.200e-003	1.301e-002	-2.638e-002	4.864e-003	-1.582e-002
108	1.160e-003	8.881e-004	5.372e-003	-1.800e-002	6.071e-003	1.112e-002
109	1.375e-003	-1.149e-003	6.011e-003	5.120e-002	5.084e-003	-3.447e-003
110	-8.865e-004	-3.923e-004	2.801e-002	3.235e-003	-9.555e-002	-6.351e-003
111	-2.620e-003	-3.685e-004	2.497e-002	3.207e-003	1.057e-001	6.479e-003
112	1.006e-003	-2.107e-003	1.078e-002	5.554e-002	1.732e-002	8.888e-003
113	1.007e-003	1.416e-003	1.090e-002	-4.984e-002	1.797e-002	-2.090e-002
114	1.435e-003	5.166e-004	6.192e-003	-4.562e-002	4.189e-003	1.575e-002
115	1.547e-003	4.828e-004	7.602e-003	-8.141e-002	1.326e-002	-2.314e-003
116	1.218e-003	-8.186e-005	-2.691e-002	1.818e-003	1.206e-002	5.047e-003
117	-1.777e-003	-6.419e-004	1.185e-002	1.011e-001	1.086e-002	3.195e-003
118	-1.603e-003	-1.166e-003	3.763e-002	2.961e-003	9.658e-003	5.415e-005
119	-1.787e-003	-1.761e-003	1.299e-002	-1.035e-001	1.092e-002	-3.248e-003
120	1.235e-003	-2.258e-003	-2.797e-002	-4.616e-003	1.218e-002	-5.049e-003
121	1.521e-003	-2.629e-003	7.520e-003	8.736e-002	1.345e-002	2.480e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-4.064e-004	3.520e-004	4.058e-004	1.763e-002	5.365e-001	4.294e-006
124	3.683e-004	4.095e-004	2.586e-003	-1.883e-002	-5.277e-001	-7.220e-006
125	-1.066e-004	6.013e-003	-7.108e-002	2.867e-002	-6.027e-002	-3.390e-006
126	-6.397e-004	5.629e-003	-1.701e-003	-3.688e-004	1.618e-001	2.306e-006
127	2.528e-004	5.816e-003	-4.897e-003	4.528e-002	-2.237e-001	-2.143e-006
128	5.576e-008	1.547e-007	8.763e-009	-1.397e-002	2.898e-002	-1.558e-007
129	4.251e-008	2.965e-007	4.075e-009	3.643e-001	-2.739e-002	8.421e-006
130	-9.062e-005	6.205e-004	-1.274e-005	-3.041e-001	2.405e-002	-1.346e-006
131	-7.239e-008	1.017e-007	5.511e-009	7.951e-002	-2.532e-002	-5.119e-008
132	-5.568e-004	2.006e-003	6.634e-004	-1.110e-002	5.817e-001	-1.312e-006
133	-2.516e-004	2.246e-003	1.239e-002	6.544e-002	-1.999e-001	-5.928e-006
134	8.132e-004	3.918e-003	-1.108e-003	-1.913e-003	-1.393e-001	-1.543e-005
135	-4.050e-005	4.097e-003	5.768e-003	-8.790e-002	-3.996e-001	1.024e-006
136	-2.987e-004	5.847e-003	-7.294e-002	-1.216e-001	4.243e-002	-1.383e-006
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.065e-004	6.013e-003	-7.108e-002	7.979e-003	-6.354e-002	3.108e-006
139	-6.397e-004	5.629e-003	-1.701e-003	-4.279e-002	1.585e-001	-1.245e-006
140	2.528e-004	5.816e-003	-4.897e-003	-5.322e-002	-2.204e-001	1.760e-006
141	-6.244e-004	7.700e-003	3.704e-004	2.714e-002	5.328e-001	-1.404e-006

Vettori modali 88 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
142	2.731e-004	7.877e-003	2.551e-003	2.817e-002	-5.315e-001	4.998e-006
143	-2.987e-004	5.848e-003	-7.294e-002	1.213e-001	4.573e-002	2.188e-006
144	2.605e-004	6.839e-003	-1.049e-003	4.541e-002	-1.328e-001	1.841e-005
145	3.758e-004	7.008e-003	5.853e-003	9.626e-002	-3.872e-001	1.902e-009
146	-1.340e-003	7.512e-003	5.666e-004	-3.311e-002	5.814e-001	2.663e-006
147	1.550e-004	7.590e-003	1.232e-002	-7.446e-002	-2.376e-001	5.723e-006
148	3.152e-008	7.674e-003	1.979e-009	-3.300e-002	3.377e-002	4.423e-007
149	1.537e-008	7.507e-003	1.423e-009	-3.651e-001	-3.222e-002	-1.383e-005
150	-9.000e-005	8.592e-003	-9.660e-006	2.678e-001	2.886e-002	1.219e-006
151	-5.409e-008	7.873e-003	1.321e-009	-9.072e-002	-2.996e-002	-5.399e-007

Vettori modali 89 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	8.408e-005	-2.719e-003	-1.363e-004	-1.840e-002	2.302e-002	-1.096e-005
2	-4.252e-005	-2.520e-003	-4.875e-004	-2.617e-003	-5.320e-002	-8.992e-006
3	-1.491e-004	-3.006e-003	-2.116e-004	8.973e-003	8.830e-002	-5.880e-006
4	5.558e-005	-2.708e-003	1.070e-004	-2.694e-002	-5.520e-002	1.943e-006
5	-3.254e-004	-1.507e-004	6.196e-003	8.283e-002	-6.913e-002	4.122e-003
6	3.138e-004	-1.588e-004	1.756e-003	2.375e-002	1.994e-001	-3.956e-003
7	6.094e-005	-2.265e-004	-1.616e-005	2.906e-002	-5.675e-002	-1.015e-006
8	-1.841e-004	-5.638e-004	-3.201e-004	-1.841e-002	9.412e-002	3.906e-006
9	-9.264e-005	-7.331e-004	-4.488e-004	1.413e-003	-5.153e-002	6.552e-006
10	1.609e-004	-1.298e-003	-1.461e-004	2.865e-002	2.291e-002	7.359e-006
11	2.903e-004	-2.208e-003	-7.649e-003	2.357e-005	-1.138e-002	-2.114e-004
12	-3.508e-004	-1.838e-003	-8.104e-003	-4.748e-007	-5.132e-003	-2.858e-004
13	6.639e-004	-2.148e-003	-9.375e-004	1.581e-005	-9.044e-003	2.200e-004
14	-2.983e-004	-2.117e-003	6.199e-003	-8.287e-002	-6.858e-002	-3.697e-003
15	3.689e-004	-2.789e-003	1.757e-003	-2.376e-002	1.987e-001	4.272e-003
16	0.000e+000	0.000e+000	0.000e+000	7.475e-002	-2.843e-004	3.699e-003
17	0.000e+000	0.000e+000	0.000e+000	3.217e-002	-2.759e-004	-1.426e-003
18	1.003e-005	-2.846e-004	1.005e-004	2.846e-002	-4.579e-004	9.503e-005
19	0.000e+000	0.000e+000	0.000e+000	2.104e-002	1.361e-003	-3.207e-003
20	-1.197e-003	-7.145e-004	4.141e-002	4.920e-002	-5.020e-002	6.543e-005
21	-1.447e-005	-7.811e-004	1.108e-002	2.175e-003	4.793e-003	3.978e-004
22	7.505e-004	-8.126e-004	1.225e-002	1.565e-002	1.377e-001	4.078e-004
23	-6.253e-004	-1.416e-003	2.944e-002	-8.657e-002	-2.767e-002	-1.214e-003
24	1.793e-005	-1.526e-003	2.327e-003	-3.206e-002	-6.610e-003	-2.732e-004
25	6.234e-004	-1.560e-003	9.567e-003	-2.371e-002	6.435e-002	-2.700e-005
26	1.404e-004	-2.134e-003	-9.100e-003	2.744e-005	-1.553e-003	-2.345e-004
27	-4.550e-004	-2.052e-003	2.945e-002	8.661e-002	-2.747e-002	1.004e-003
28	9.139e-006	-2.529e-003	2.348e-003	3.208e-002	-3.718e-003	3.162e-004
29	4.745e-004	-2.524e-003	9.580e-003	2.373e-002	6.410e-002	2.159e-004
30	-9.995e-004	-2.215e-003	4.143e-002	-4.923e-002	-4.982e-002	1.602e-004
31	-5.226e-005	-2.821e-003	1.109e-002	-2.241e-003	1.604e-003	1.256e-004
32	6.355e-004	-2.763e-003	1.227e-002	-1.568e-002	1.373e-001	-9.132e-004
33	0.000e+000	-2.098e-003	0.000e+000	-7.479e-002	-2.853e-004	-3.510e-003
34	0.000e+000	-2.955e-003	0.000e+000	-3.216e-002	-2.670e-004	-7.638e-004
35	4.078e-006	-3.243e-003	9.788e-005	-2.846e-002	-4.500e-004	-1.214e-003
36	0.000e+000	-2.778e-003	0.000e+000	-2.106e-002	1.346e-003	4.389e-003
37	-1.902e-002	-3.595e-002	-1.569e-002	-2.943e-002	3.192e-002	1.657e-002
38	5.452e-002	-1.239e-002	-5.295e-003	-7.410e-003	-9.036e-002	-2.095e-002
39	-2.622e-002	-9.829e-004	-2.128e-002	-4.796e-003	-1.014e-002	-3.072e-004
40	2.934e-002	-1.240e-003	-4.260e-003	-5.563e-003	1.937e-002	3.116e-004
41	-1.885e-002	3.457e-002	-1.565e-002	2.365e-002	3.160e-002	-1.653e-002
42	5.436e-002	1.041e-002	-5.250e-003	-3.881e-005	-9.019e-002	2.150e-002
43	1.658e-002	1.993e-002	-3.657e-002	-8.752e-002	4.452e-002	2.903e-002

Vettori modali 89 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
44	-4.717e-002	5.667e-003	-1.201e-002	-2.963e-002	-1.275e-001	-3.794e-002
45	5.514e-003	1.457e-003	-3.310e-002	-9.097e-004	8.147e-002	-3.286e-004
46	-3.579e-003	1.719e-003	-7.310e-003	-1.343e-003	-9.432e-002	4.033e-004
47	1.643e-002	-1.814e-002	-3.650e-002	8.596e-002	4.417e-002	-2.936e-002
48	-4.705e-002	-3.298e-003	-1.192e-002	2.702e-002	-1.271e-001	3.872e-002
49	3.066e-003	-5.956e-003	-5.596e-002	1.827e-001	-6.685e-002	4.209e-002
50	-7.728e-003	-4.616e-003	-1.822e-002	7.353e-002	1.963e-001	-5.576e-002
51	-7.440e-003	-4.239e-003	2.735e-002	8.183e-002	-7.433e-002	-1.028e-002
52	8.938e-003	-3.299e-003	5.912e-003	1.566e-002	1.635e-001	3.160e-003
53	7.064e-003	-2.271e-003	3.532e-003	-1.329e-001	-8.181e-002	-2.631e-002
54	-6.394e-003	-1.788e-003	-1.467e-003	-2.999e-002	1.307e-001	3.466e-002
55	1.084e-002	-1.686e-004	-4.323e-002	2.605e-003	-8.929e-002	-3.510e-004
56	-1.351e-002	-1.708e-004	-1.001e-002	3.402e-003	9.789e-002	4.995e-004
57	7.203e-003	1.912e-003	4.295e-003	1.305e-001	-8.159e-002	2.661e-002
58	-6.604e-003	1.422e-003	-3.491e-004	2.688e-002	1.305e-001	-3.508e-002
59	-7.571e-003	3.880e-003	2.636e-002	-8.341e-002	-7.390e-002	1.061e-002
60	9.126e-003	2.931e-003	4.637e-003	-1.809e-002	1.631e-001	-3.677e-003
61	3.065e-003	5.617e-003	-5.586e-002	-1.781e-001	-6.620e-002	-4.282e-002
62	-7.708e-003	4.267e-003	-1.810e-002	-6.702e-002	1.957e-001	5.678e-002
63	5.248e-002	-3.490e-002	-2.236e-002	-1.489e-002	-4.907e-002	-8.075e-002
64	3.888e-002	-6.935e-004	-1.149e-002	-1.815e-003	1.541e-002	1.401e-003
65	5.226e-002	3.356e-002	-2.220e-002	1.139e-002	-4.896e-002	8.354e-002
66	-1.504e-002	-6.062e-002	-6.953e-002	-5.050e-002	2.501e-002	7.763e-002
67	-3.784e-002	-4.954e-004	-4.882e-002	-1.528e-003	-1.277e-002	-1.092e-003
68	-1.485e-002	5.989e-002	-6.939e-002	4.754e-002	2.481e-002	-7.974e-002
69	6.261e-003	2.740e-003	1.726e-002	5.167e-002	-1.490e-001	-5.262e-002
70	8.172e-003	4.791e-003	7.983e-003	-7.782e-002	-1.516e-001	5.614e-002
71	-3.858e-002	-5.582e-003	-2.532e-002	9.106e-003	-1.546e-001	-1.070e-001
72	7.284e-003	-3.725e-003	7.946e-003	7.835e-002	-1.519e-001	-5.842e-002
73	7.198e-003	-1.648e-003	1.740e-002	-5.171e-002	-1.492e-001	5.061e-002
74	-1.581e-002	5.275e-004	-1.234e-002	-5.423e-005	-1.465e-001	2.349e-003
75	-3.849e-002	6.558e-003	-2.512e-002	-9.012e-003	-1.541e-001	1.117e-001
76	2.730e-002	-5.381e-003	-7.945e-002	4.667e-002	1.038e-001	1.150e-001
77	-5.968e-003	-3.627e-003	3.491e-002	2.429e-001	1.126e-001	1.801e-002
78	3.246e-003	-1.658e-003	4.997e-002	-1.979e-001	1.213e-001	-3.459e-002
79	1.332e-002	4.088e-004	-5.166e-002	2.193e-004	1.301e-001	-1.872e-003
80	3.997e-003	2.509e-003	5.001e-002	1.977e-001	1.212e-001	3.619e-002
81	-6.682e-003	4.460e-003	3.484e-002	-2.428e-001	1.123e-001	-1.615e-002
82	2.719e-002	6.147e-003	-7.928e-002	-4.585e-002	1.034e-001	-1.186e-001
83	-5.140e-002	-3.640e-003	-3.139e-002	5.394e-002	5.600e-003	-1.076e-001
84	3.967e-002	4.675e-003	-8.726e-002	-7.028e-002	3.524e-002	-1.566e-001
85	3.980e-002	-4.727e-003	-8.744e-002	7.474e-002	3.512e-002	1.534e-001
86	2.915e-002	-2.269e-005	-5.956e-002	2.363e-003	4.286e-002	-1.952e-003
87	-5.128e-002	3.709e-003	-3.117e-002	-4.887e-002	5.578e-003	1.121e-001
88	-3.503e-002	3.745e-005	-2.072e-002	2.750e-003	-6.264e-002	2.563e-003
89	-3.975e-002	-1.667e-003	-2.342e-002	9.005e-002	1.310e-001	-1.178e-001
90	2.238e-002	-1.357e-003	1.347e-002	2.759e-002	1.096e-001	-6.779e-002
91	4.694e-003	-9.676e-004	-1.541e-003	-6.175e-002	8.825e-002	1.073e-001
92	-3.469e-002	-5.204e-004	-2.092e-002	1.400e-003	6.686e-002	3.556e-004
93	4.562e-003	-1.120e-004	-1.079e-003	6.048e-002	8.815e-002	-1.076e-001
94	2.253e-002	3.031e-004	1.297e-002	-2.849e-002	1.094e-001	6.743e-002
95	-3.966e-002	7.001e-004	-2.321e-002	-8.676e-002	1.307e-001	1.182e-001
96	3.399e-002	-5.780e-003	-8.539e-002	1.908e-001	-1.061e-001	1.483e-001
97	-1.458e-002	-4.220e-003	3.620e-002	1.740e-001	-1.020e-001	2.520e-002
98	5.613e-003	-2.410e-003	2.424e-002	-1.921e-001	-9.790e-002	-6.921e-002

Vettori modali 89 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
99	2.513e-002	-4.571e-004	-5.740e-002	1.039e-003	-9.383e-002	-4.853e-005
100	5.628e-003	1.462e-003	2.458e-002	1.911e-001	-9.779e-002	6.926e-002
101	-1.462e-002	3.294e-003	3.582e-002	-1.747e-001	-1.018e-001	-2.511e-002
102	3.391e-002	4.931e-003	-8.523e-002	-1.884e-001	-1.057e-001	-1.481e-001
103	-2.120e-002	-1.896e-003	-8.253e-004	-6.635e-002	1.517e-001	4.115e-002
104	1.275e-002	5.604e-003	-6.022e-002	-1.245e-001	-2.231e-001	-8.595e-002
105	7.216e-003	-3.027e-004	-3.571e-002	-5.675e-004	-1.859e-001	2.044e-003
106	-2.163e-002	-4.190e-004	-4.765e-003	-3.075e-004	1.323e-001	-2.135e-003
107	1.278e-002	-6.180e-003	-6.033e-002	1.238e-001	-2.234e-001	8.993e-002
108	-2.124e-002	1.086e-003	-9.859e-004	6.625e-002	1.520e-001	-4.531e-002
109	-1.212e-002	-1.547e-003	1.762e-002	-3.063e-002	4.795e-002	1.794e-003
110	-7.190e-003	1.618e-004	-3.624e-003	-1.276e-003	-1.660e-001	2.038e-003
111	-1.254e-002	7.726e-005	1.505e-002	-1.154e-003	7.870e-002	-2.438e-003
112	-5.554e-003	1.350e-003	-2.002e-002	-5.410e-002	-2.209e-001	-3.701e-002
113	-5.539e-003	-1.061e-003	-2.010e-002	5.189e-002	-2.210e-001	4.085e-002
114	-1.212e-002	1.662e-003	1.751e-002	2.871e-002	4.816e-002	-6.460e-003
115	-1.131e-002	2.000e-003	1.178e-002	-1.709e-002	-1.067e-001	-4.608e-003
116	8.020e-003	1.546e-003	-1.332e-002	-3.649e-002	-8.909e-002	-3.832e-002
117	7.301e-003	1.002e-003	-4.651e-003	5.887e-002	-7.153e-002	3.992e-002
118	-1.109e-002	3.979e-004	1.789e-002	-1.191e-003	-5.396e-002	-2.306e-004
119	7.397e-003	-1.808e-004	-5.137e-003	-5.785e-002	-7.155e-002	-3.972e-002
120	7.933e-003	-7.487e-004	-1.286e-002	3.770e-002	-8.915e-002	3.855e-002
121	-1.132e-002	-1.272e-003	1.187e-002	1.486e-002	-1.067e-001	4.129e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-3.254e-004	-1.507e-004	6.196e-003	9.614e-002	1.160e-001	-1.592e-006
124	3.138e-004	-1.588e-004	1.756e-003	2.618e-002	-1.070e-001	1.110e-006
125	2.903e-004	-2.208e-003	-7.649e-003	-5.720e-002	-2.577e-003	-3.604e-010
126	-3.508e-004	-1.838e-003	-8.104e-003	-3.030e-002	1.304e-002	-1.302e-006
127	6.639e-004	-2.148e-003	-9.375e-004	-8.372e-003	-2.625e-002	9.787e-007
128	-3.373e-009	-6.645e-008	-4.459e-009	6.057e-002	-2.024e-003	-7.211e-007
129	-6.235e-009	-6.406e-008	-4.146e-010	4.255e-002	2.250e-003	1.522e-006
130	1.004e-005	-2.846e-004	1.005e-004	2.848e-002	-3.455e-003	4.924e-008
131	7.299e-009	-3.513e-008	-2.292e-009	1.903e-002	3.885e-003	5.314e-007
132	-1.197e-003	-7.144e-004	4.141e-002	7.162e-002	3.017e-001	-7.399e-007
133	7.505e-004	-8.126e-004	1.225e-002	2.363e-002	-1.499e-001	-7.134e-007
134	-6.253e-004	-1.416e-003	2.944e-002	-1.199e-001	8.390e-002	5.284e-008
135	6.234e-004	-1.560e-003	9.567e-003	-3.375e-002	-7.671e-002	-1.721e-007
136	1.404e-004	-2.134e-003	-9.100e-003	-1.371e-002	-1.008e-002	-4.409e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	2.903e-004	-2.208e-003	-7.649e-003	4.711e-002	-1.739e-003	4.717e-007
139	-3.508e-004	-1.838e-003	-8.104e-003	4.807e-002	1.388e-002	8.429e-007
140	6.639e-004	-2.148e-003	-9.375e-004	1.066e-002	-2.709e-002	-9.136e-007
141	-2.983e-004	-2.117e-003	6.199e-003	-1.142e-001	1.179e-001	2.144e-007
142	3.689e-004	-2.789e-003	1.757e-003	-2.858e-002	-1.057e-001	-3.608e-008
143	1.404e-004	-2.134e-003	-9.100e-003	1.375e-002	-1.094e-002	1.044e-007
144	-4.550e-004	-2.052e-003	2.945e-002	1.022e-001	8.098e-002	6.122e-007
145	4.745e-004	-2.524e-003	9.580e-003	3.149e-002	-7.889e-002	2.462e-007
146	-9.995e-004	-2.215e-003	4.143e-002	-5.377e-002	3.025e-001	1.384e-006
147	6.355e-004	-2.763e-003	1.227e-002	-2.134e-002	-1.396e-001	8.476e-007
148	1.689e-008	-2.098e-003	-1.595e-009	-4.137e-002	-3.384e-003	4.020e-007
149	1.412e-008	-2.955e-003	3.216e-010	-4.233e-002	3.678e-003	-2.283e-006
150	4.080e-006	-3.243e-003	9.788e-005	-1.904e-002	-4.856e-003	1.775e-007
151	-1.883e-009	-2.778e-003	-5.727e-010	-1.555e-002	5.193e-003	-2.030e-007

Vettori modali 90 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-2.011e-004	1.319e-003	1.455e-004	1.080e-002	3.170e-002	4.081e-007
2	-6.227e-005	1.692e-003	-1.357e-004	1.321e-003	2.611e-002	-2.601e-007
3	-1.491e-004	1.389e-003	1.427e-004	-1.500e-002	1.424e-002	-5.656e-007
4	-4.825e-005	1.769e-003	-1.394e-004	1.083e-002	1.231e-002	-1.555e-007
5	2.178e-004	7.786e-005	3.106e-003	4.054e-002	1.957e-001	-2.354e-003
6	-7.782e-006	1.049e-004	-6.835e-003	-9.084e-002	6.953e-002	4.370e-004
7	-9.299e-006	1.286e-004	-7.544e-005	-1.319e-002	1.453e-002	6.175e-008
8	-8.439e-005	3.544e-004	2.278e-004	2.138e-002	1.267e-002	5.259e-007
9	3.962e-005	4.871e-004	-1.721e-004	-2.246e-004	2.597e-002	3.901e-007
10	-1.869e-004	6.710e-004	1.462e-004	-1.752e-002	3.239e-002	2.994e-007
11	1.604e-004	1.155e-003	2.411e-003	-7.858e-006	-9.825e-003	-3.657e-004
12	4.799e-004	1.332e-003	-5.490e-003	-3.332e-005	-3.300e-004	3.533e-005
13	2.494e-005	9.541e-004	6.515e-003	8.661e-006	-9.405e-003	-2.068e-004
14	1.633e-004	1.931e-003	3.108e-003	-4.057e-002	1.953e-001	1.730e-003
15	-6.825e-005	8.982e-004	-6.838e-003	9.087e-002	6.984e-002	-8.970e-004
16	0.000e+000	0.000e+000	0.000e+000	3.797e-002	1.502e-003	-2.662e-003
17	0.000e+000	0.000e+000	0.000e+000	3.204e-004	-6.228e-004	1.034e-003
18	6.827e-006	2.583e-004	1.100e-004	-2.737e-002	-2.745e-004	5.228e-004
19	0.000e+000	0.000e+000	0.000e+000	-8.274e-002	7.718e-004	-2.217e-004
20	5.787e-005	4.846e-004	1.896e-002	1.950e-002	1.377e-001	1.078e-003
21	5.357e-005	4.403e-004	1.243e-004	5.946e-005	-3.208e-002	-3.962e-004
22	-5.582e-004	3.895e-004	-4.484e-002	-5.259e-002	4.618e-002	1.308e-003
23	1.161e-004	9.040e-004	1.185e-002	-4.154e-002	6.870e-002	-9.114e-004
24	1.118e-004	8.430e-004	3.457e-005	-3.645e-004	-2.792e-002	-1.197e-004
25	-6.280e-004	7.748e-004	-3.237e-002	9.017e-002	1.839e-002	-1.150e-003
26	2.152e-004	1.206e-003	-9.760e-005	-1.612e-005	-1.127e-002	-9.462e-005
27	-1.576e-005	1.650e-003	1.184e-002	4.153e-002	6.856e-002	1.198e-003
28	6.288e-005	1.446e-003	2.239e-005	3.559e-004	-2.922e-002	3.143e-004
29	-5.857e-004	1.001e-003	-3.237e-002	-9.019e-002	1.850e-002	1.173e-003
30	-1.317e-004	1.818e-003	1.895e-002	-1.946e-002	1.375e-001	-1.157e-003
31	-6.654e-006	1.584e-003	1.180e-004	-2.318e-005	-2.747e-002	1.685e-004
32	-5.543e-004	1.041e-003	-4.485e-002	5.259e-002	4.640e-002	-1.011e-003
33	0.000e+000	1.930e-003	0.000e+000	-3.799e-002	1.500e-003	1.938e-003
34	0.000e+000	1.635e-003	0.000e+000	-3.196e-004	-6.229e-004	-6.110e-004
35	2.659e-005	1.482e-003	1.105e-004	2.738e-002	-2.767e-004	-9.326e-004
36	0.000e+000	8.909e-004	0.000e+000	8.277e-002	7.758e-004	-9.195e-004
37	5.332e-002	-1.231e-002	-4.735e-003	-1.746e-002	-8.921e-002	-1.234e-002
38	1.890e-002	3.663e-002	1.543e-002	3.442e-002	-3.145e-002	2.902e-003
39	1.701e-002	8.406e-004	-1.101e-002	3.434e-003	7.788e-003	1.196e-004
40	-7.730e-003	4.818e-004	2.163e-002	2.506e-003	1.447e-003	-2.080e-004
41	5.319e-002	1.380e-002	-4.769e-003	2.250e-002	-8.890e-002	1.213e-002
42	1.895e-002	-3.609e-002	1.541e-002	-3.182e-002	-3.143e-002	-3.345e-003
43	-4.645e-002	9.770e-003	-1.227e-002	-2.979e-002	-1.235e-001	-2.232e-002
44	-1.640e-002	-2.217e-002	3.669e-002	8.900e-002	-4.369e-002	5.366e-003
45	-3.191e-003	-1.085e-003	-1.582e-002	1.033e-003	-5.321e-002	2.039e-004
46	3.075e-003	-7.526e-004	3.535e-002	3.750e-004	2.222e-002	-2.093e-004
47	-4.632e-002	-1.142e-002	-1.234e-002	3.196e-002	-1.232e-001	2.253e-002
48	-1.643e-002	2.139e-002	3.667e-002	-8.854e-002	-4.385e-002	-5.792e-003
49	-6.413e-003	2.041e-003	-1.932e-002	4.410e-002	1.941e-001	-3.279e-002
50	-1.995e-003	3.515e-003	5.646e-002	-1.741e-001	6.997e-002	7.951e-003
51	4.433e-003	1.465e-003	1.292e-002	4.244e-002	1.488e-001	-3.119e-003
52	-1.808e-003	2.502e-003	-3.028e-002	-9.052e-002	3.742e-002	-9.504e-003
53	-2.254e-003	8.015e-004	4.662e-003	-6.183e-002	1.035e-001	1.891e-002
54	3.406e-003	1.340e-003	-5.126e-003	1.459e-001	4.881e-003	-4.162e-003
55	-7.056e-003	9.021e-005	-1.977e-002	-2.354e-003	5.821e-002	2.922e-004

Vettori modali 90 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
56	2.351e-003	9.739e-005	4.729e-002	-1.213e-003	-2.766e-002	-2.106e-004
57	-2.369e-003	-6.070e-004	3.828e-003	6.394e-002	1.033e-001	-1.916e-002
58	3.496e-003	-1.133e-003	-5.430e-003	-1.447e-001	4.952e-003	4.338e-003
59	4.542e-003	-1.268e-003	1.380e-002	-4.060e-002	1.485e-001	2.854e-003
60	-1.889e-003	-2.295e-003	-2.982e-002	9.111e-002	3.756e-002	9.733e-003
61	-6.424e-003	-1.854e-003	-1.942e-002	-4.893e-002	1.936e-001	3.344e-002
62	-2.012e-003	-3.321e-003	5.643e-002	1.723e-001	7.018e-002	-8.359e-003
63	2.182e-002	4.790e-002	7.045e-002	5.344e-002	-8.385e-003	3.489e-002
64	-1.385e-002	2.103e-004	5.423e-002	7.823e-004	-2.684e-003	-5.116e-004
65	2.191e-002	-4.776e-002	7.041e-002	-5.195e-002	-8.385e-003	-3.588e-002
66	5.361e-002	7.779e-004	-2.455e-002	-1.941e-002	-4.618e-002	-4.217e-002
67	1.918e-002	5.087e-004	-2.188e-002	1.157e-003	1.284e-003	9.808e-004
68	5.346e-002	3.570e-004	-2.468e-002	2.166e-002	-4.597e-002	4.412e-002
69	1.086e-002	-9.909e-004	-4.830e-002	-2.151e-001	3.390e-002	5.516e-003
70	-2.552e-003	-1.736e-003	-3.909e-002	2.444e-001	2.246e-002	2.611e-002
71	3.764e-003	2.022e-003	8.073e-002	-5.559e-002	1.124e-002	6.321e-002
72	-2.236e-003	1.352e-003	-3.919e-002	-2.442e-001	2.261e-002	-2.533e-002
73	1.053e-002	6.004e-004	-4.818e-002	2.153e-001	3.398e-002	-4.797e-003
74	4.918e-003	-1.865e-004	5.812e-002	-2.756e-004	4.535e-002	-8.280e-004
75	3.735e-003	-2.378e-003	8.068e-002	5.476e-002	1.101e-002	-6.482e-002
76	-2.862e-002	3.402e-003	-2.850e-002	2.576e-002	-1.116e-001	-5.203e-002
77	6.209e-003	2.255e-003	1.549e-002	8.378e-002	-1.013e-001	-6.064e-002
78	1.094e-002	9.740e-004	1.558e-002	-8.154e-002	-9.101e-002	4.383e-002
79	-1.216e-002	-3.655e-004	-2.272e-002	2.373e-004	-8.073e-002	1.705e-003
80	1.024e-002	-1.729e-003	1.578e-002	8.143e-002	-9.093e-002	-4.529e-002
81	6.860e-003	-2.990e-003	1.539e-002	-8.444e-002	-1.011e-001	5.893e-002
82	-2.853e-002	-4.072e-003	-2.866e-002	-2.532e-002	-1.113e-001	5.535e-002
83	9.957e-003	3.297e-003	8.614e-002	-5.538e-002	5.257e-002	1.134e-001
84	-3.425e-002	-1.009e-003	-2.738e-002	7.737e-003	3.955e-002	2.374e-002
85	-3.433e-002	9.059e-004	-2.722e-002	-1.091e-002	3.976e-002	-2.045e-002
86	-2.296e-002	-5.244e-005	-1.842e-002	-1.743e-003	-3.749e-002	1.846e-003
87	9.902e-003	-3.215e-003	8.607e-002	5.302e-002	5.247e-002	-1.147e-001
88	9.741e-003	3.841e-005	6.161e-002	-1.233e-003	8.806e-003	-8.456e-004
89	1.241e-002	6.367e-003	9.031e-002	-1.774e-001	-2.695e-002	9.969e-002
90	-1.608e-003	4.554e-003	-3.729e-002	-1.975e-001	-3.857e-002	-2.168e-002
91	1.130e-002	2.470e-003	-3.034e-002	2.029e-001	-5.019e-002	-5.953e-003
92	5.552e-003	2.388e-004	5.950e-002	-4.484e-004	-6.181e-002	1.042e-004
93	1.126e-002	-1.974e-003	-3.049e-002	-2.025e-001	-5.019e-002	5.865e-003
94	-1.578e-003	-4.070e-003	-3.713e-002	1.978e-001	-3.857e-002	2.163e-002
95	1.235e-002	-5.923e-003	9.023e-002	1.763e-001	-2.695e-002	-9.926e-002
96	-2.332e-002	-2.454e-003	-3.630e-002	3.209e-002	8.787e-002	-3.510e-002
97	1.687e-002	-1.602e-003	1.027e-002	9.955e-002	6.472e-002	-6.334e-002
98	9.402e-003	-6.545e-004	2.080e-002	-6.835e-002	4.158e-002	8.109e-002
99	-2.437e-002	3.317e-004	-1.731e-002	-9.880e-004	1.843e-002	3.613e-004
100	9.271e-003	1.342e-003	2.047e-002	6.925e-002	4.145e-002	-8.141e-002
101	1.701e-002	2.273e-003	1.063e-002	-9.889e-002	6.448e-002	6.302e-002
102	-2.328e-002	3.069e-003	-3.643e-002	-3.437e-002	8.750e-002	3.567e-002
103	4.258e-004	-8.964e-003	7.662e-002	1.120e-001	-1.616e-001	-7.969e-002
104	-1.604e-002	6.822e-003	-4.571e-002	-9.836e-003	1.951e-002	-1.303e-002
105	-2.120e-002	2.991e-004	-2.140e-002	5.828e-005	2.330e-002	-1.278e-003
106	-6.781e-003	1.244e-004	4.511e-002	4.582e-004	-1.319e-001	1.156e-003
107	-1.603e-002	-6.241e-003	-4.563e-002	9.650e-003	1.980e-002	1.054e-002
108	4.785e-004	9.197e-003	7.670e-002	-1.113e-001	-1.617e-001	8.193e-002
109	-1.560e-002	-3.295e-003	4.023e-002	5.111e-002	-2.435e-001	-4.788e-002
110	-2.100e-002	-4.235e-006	-2.086e-002	6.243e-004	-3.621e-002	-1.606e-003

Vettori modali 90 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
111	-1.818e-002	-1.339e-004	1.971e-002	8.167e-004	-1.522e-001	1.007e-003
112	-1.880e-002	3.042e-003	-3.769e-002	1.346e-003	-1.131e-001	-2.569e-002
113	-1.877e-002	-3.029e-003	-3.764e-002	-3.275e-004	-1.130e-001	2.260e-002
114	-1.556e-002	3.050e-003	4.030e-002	-4.969e-002	-2.436e-001	4.976e-002
115	-2.230e-002	-8.841e-004	-5.024e-003	1.538e-003	-2.215e-001	-7.551e-003
116	1.594e-002	-7.044e-004	4.713e-003	1.821e-002	-1.868e-001	-7.632e-002
117	1.449e-002	-4.826e-004	3.221e-003	-2.212e-002	-1.521e-001	7.969e-002
118	-2.225e-002	-2.320e-004	-6.260e-003	7.144e-004	-1.173e-001	-3.640e-004
119	1.465e-002	3.910e-006	3.515e-003	2.151e-002	-1.520e-001	-7.939e-002
120	1.580e-002	2.395e-004	4.437e-003	-1.895e-002	-1.867e-001	7.674e-002
121	-2.233e-002	4.607e-004	-5.083e-003	-2.142e-004	-2.214e-001	6.844e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.178e-004	7.788e-005	3.106e-003	5.192e-002	9.368e-003	1.108e-006
124	-7.802e-006	1.049e-004	-6.835e-003	-1.027e-001	5.462e-002	-4.656e-007
125	1.604e-004	1.155e-003	2.411e-003	2.260e-002	-1.674e-002	-1.607e-007
126	4.799e-004	1.332e-003	-5.490e-003	-1.742e-002	-1.069e-002	6.664e-007
127	2.494e-005	9.540e-004	6.515e-003	2.810e-002	-8.277e-004	-5.522e-007
128	1.943e-008	2.215e-008	1.424e-009	2.514e-002	5.323e-003	-1.850e-007
129	1.119e-008	4.211e-008	9.738e-011	3.061e-004	-5.203e-003	2.027e-008
130	6.830e-006	2.583e-004	1.100e-004	-1.783e-002	4.093e-003	4.482e-008
131	6.897e-009	2.861e-008	1.798e-009	-6.940e-002	-3.425e-003	-6.407e-007
132	5.786e-005	4.846e-004	1.896e-002	2.352e-002	8.772e-002	3.975e-008
133	-5.582e-004	3.895e-004	-4.484e-002	-7.783e-002	1.665e-001	6.786e-007
134	1.161e-004	9.040e-004	1.185e-002	-5.193e-002	6.169e-002	-4.157e-009
135	-6.280e-004	7.748e-004	-3.237e-002	1.275e-001	1.719e-001	2.383e-007
136	2.152e-004	1.206e-003	-9.760e-005	-1.288e-004	-4.721e-003	7.913e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.604e-004	1.155e-003	2.411e-003	-1.610e-002	-1.747e-002	4.950e-007
139	4.799e-004	1.332e-003	-5.490e-003	8.622e-003	-1.141e-002	-4.919e-007
140	2.494e-005	9.541e-004	6.515e-003	-3.035e-002	-1.184e-004	5.076e-007
141	1.633e-004	1.931e-003	3.108e-003	-4.308e-002	1.026e-002	-7.691e-007
142	-6.826e-005	8.982e-004	-6.838e-003	1.051e-001	5.640e-002	-4.627e-007
143	2.152e-004	1.206e-003	-9.760e-005	9.515e-005	-4.024e-003	-3.178e-007
144	-1.576e-005	1.650e-003	1.184e-002	6.069e-002	6.298e-002	5.518e-008
145	-5.857e-004	1.001e-003	-3.237e-002	-1.253e-001	1.738e-001	-2.663e-007
146	-1.317e-004	1.818e-003	1.895e-002	-3.225e-002	8.789e-002	-5.925e-008
147	-5.543e-004	1.041e-003	-4.485e-002	7.553e-002	1.624e-001	-7.521e-007
148	1.868e-008	1.930e-003	9.435e-011	-3.464e-002	5.595e-003	2.253e-007
149	1.323e-008	1.635e-003	-3.477e-010	-4.311e-004	-5.457e-003	-1.770e-007
150	2.660e-005	1.482e-003	1.105e-004	1.196e-002	4.376e-003	-1.170e-007
151	1.786e-008	8.909e-004	5.728e-010	6.638e-002	-3.599e-003	4.123e-007

Vettori modali 91 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	8.446e-004	-1.126e-003	7.175e-005	3.308e-003	2.725e-003	4.272e-006
2	3.171e-004	1.614e-003	5.612e-005	1.251e-003	8.527e-004	1.520e-006
3	1.053e-004	-1.113e-003	-1.465e-004	-2.556e-003	-1.807e-002	1.291e-006
4	6.856e-005	1.224e-003	1.244e-004	-4.038e-003	-1.071e-002	-1.837e-007
5	1.717e-004	2.609e-004	-8.728e-004	-1.247e-002	1.398e-001	-1.874e-003
6	1.670e-004	-2.480e-004	7.807e-004	1.132e-002	1.395e-001	-1.929e-003
7	-2.098e-005	1.226e-004	-2.576e-006	-1.161e-005	6.950e-003	-1.090e-007
8	-4.754e-005	-2.219e-004	-2.891e-005	-1.881e-002	2.356e-002	4.961e-008
9	2.285e-004	4.778e-004	-8.164e-005	-3.393e-003	2.174e-003	9.168e-008
10	5.149e-004	-5.877e-004	3.320e-005	2.122e-002	1.008e-003	6.119e-007
11	1.255e-003	-6.629e-004	-5.084e-005	4.122e-003	2.998e-004	-3.686e-003
12	1.340e-003	2.348e-003	5.657e-004	-1.273e-002	1.936e-003	-1.251e-003

Vettori modali 91 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
13	1.330e-003	-2.098e-003	-4.351e-004	1.239e-002	1.629e-003	-1.233e-003
14	-2.227e-004	3.396e-003	5.625e-004	-8.733e-003	-1.494e-001	-1.831e-003
15	-2.064e-004	-3.089e-003	-5.393e-004	8.425e-003	-1.488e-001	-1.705e-003
16	0.000e+000	0.000e+000	0.000e+000	-1.013e-002	1.162e-003	-2.042e-003
17	0.000e+000	0.000e+000	0.000e+000	-1.538e-005	-6.241e-004	-1.393e-004
18	-6.358e-006	-6.478e-005	1.310e-004	2.981e-003	-4.119e-004	1.432e-004
19	0.000e+000	0.000e+000	0.000e+000	8.975e-003	1.193e-003	-1.830e-003
20	4.075e-004	8.945e-004	-2.281e-003	4.759e-003	9.899e-002	-2.412e-004
21	1.786e-004	1.403e-005	1.565e-006	3.902e-005	-6.914e-003	-6.300e-004
22	4.648e-004	-7.940e-004	1.959e-003	-4.616e-003	9.873e-002	-2.069e-004
23	7.922e-004	1.644e-003	1.759e-003	6.262e-003	5.047e-002	-1.026e-003
24	5.968e-004	5.568e-005	9.972e-006	-7.987e-006	-7.228e-003	-9.211e-004
25	7.329e-004	-1.456e-003	-1.757e-003	-5.535e-003	5.018e-002	-9.382e-004
26	1.255e-003	5.325e-005	1.912e-006	-1.344e-005	1.995e-004	-2.145e-003
27	1.149e-003	2.522e-003	-1.924e-003	2.579e-003	-5.134e-002	1.246e-003
28	9.669e-004	1.041e-004	-4.572e-006	-2.582e-005	-2.169e-003	1.576e-003
29	1.115e-003	-2.232e-003	1.880e-003	-2.701e-003	-5.135e-002	1.317e-003
30	3.182e-004	2.869e-003	9.885e-004	4.946e-003	-1.046e-001	2.400e-003
31	2.526e-004	1.057e-004	-1.563e-005	-8.073e-006	1.663e-002	1.856e-003
32	2.828e-004	-2.588e-003	-9.611e-004	-4.746e-003	-1.043e-001	2.252e-003
33	0.000e+000	3.379e-003	0.000e+000	-6.180e-003	-1.252e-003	-3.487e-003
34	0.000e+000	7.539e-005	0.000e+000	5.073e-005	6.879e-004	-3.198e-003
35	1.053e-004	-9.169e-004	-1.444e-004	2.000e-003	4.504e-004	-4.960e-003
36	0.000e+000	-3.074e-003	0.000e+000	5.898e-003	-1.293e-003	-3.229e-003
37	3.663e-002	5.829e-002	3.225e-003	-8.587e-003	-7.264e-002	1.735e-002
38	3.656e-002	-5.689e-002	-3.275e-003	8.900e-003	-7.250e-002	1.678e-002
39	3.668e-003	4.561e-002	4.747e-004	1.728e-003	-3.966e-003	1.412e-002
40	3.550e-003	-4.446e-002	-3.824e-004	-1.129e-003	-3.790e-003	1.367e-002
41	-3.917e-002	6.029e-002	-3.656e-003	-2.297e-003	7.774e-002	1.848e-002
42	-3.902e-002	-5.876e-002	3.646e-003	2.927e-003	7.741e-002	1.802e-002
43	-3.617e-002	-1.982e-002	7.088e-003	1.693e-001	-7.079e-002	3.656e-002
44	-3.610e-002	1.919e-002	-7.095e-003	-1.654e-001	-7.068e-002	3.549e-002
45	-2.366e-003	-1.849e-002	3.490e-004	1.329e-001	-8.667e-003	2.949e-002
46	-2.267e-003	1.790e-002	-3.022e-004	-1.298e-001	-8.408e-003	2.857e-002
47	3.869e-002	-2.193e-002	-7.610e-003	1.723e-001	7.571e-002	3.878e-002
48	3.854e-002	2.121e-002	7.567e-003	-1.683e-001	7.544e-002	3.775e-002
49	4.047e-003	-1.244e-002	1.059e-002	-2.280e-001	1.345e-001	5.672e-002
50	4.008e-003	1.221e-002	-1.055e-002	2.226e-001	1.342e-001	5.510e-002
51	-8.568e-003	-1.513e-002	-2.910e-002	8.628e-002	9.372e-002	-1.624e-002
52	-8.282e-003	1.485e-002	2.835e-002	-8.363e-002	9.334e-002	-1.557e-002
53	8.528e-003	-1.682e-002	3.862e-002	6.057e-002	5.290e-002	-2.017e-002
54	8.223e-003	1.649e-002	-3.754e-002	-5.917e-002	5.252e-002	-1.954e-002
55	-4.747e-004	-1.737e-002	1.902e-004	-1.429e-001	1.208e-002	4.562e-002
56	-4.678e-004	1.703e-002	-1.947e-004	1.394e-001	1.169e-002	4.420e-002
57	-9.187e-003	-1.699e-002	-3.856e-002	5.941e-002	-3.982e-002	-2.260e-002
58	-8.883e-003	1.666e-002	3.745e-002	-5.801e-002	-3.987e-002	-2.193e-002
59	9.299e-003	-1.546e-002	2.872e-002	8.615e-002	-9.173e-002	-1.715e-002
60	9.004e-003	1.518e-002	-2.797e-002	-8.344e-002	-9.142e-002	-1.650e-002
61	-4.279e-003	-1.290e-002	-1.116e-002	-2.304e-001	-1.436e-001	6.008e-002
62	-4.231e-003	1.268e-002	1.109e-002	2.247e-001	-1.430e-001	5.844e-002
63	3.242e-002	-1.074e-001	-1.290e-002	-9.434e-003	-6.627e-002	1.272e-001
64	3.961e-003	-4.027e-002	-7.182e-005	-7.685e-003	-2.299e-003	1.457e-001
65	-3.492e-002	-1.069e-001	1.343e-002	-9.657e-003	7.016e-002	1.308e-001
66	3.254e-002	1.099e-001	1.298e-002	9.958e-003	-6.650e-002	1.310e-001
67	4.081e-003	4.086e-002	2.292e-005	8.470e-003	-2.392e-003	1.492e-001

Vettori modali 91 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
68	-3.512e-002	1.095e-001	-1.353e-002	1.025e-002	7.053e-002	1.344e-001
69	-6.329e-002	2.748e-002	-4.807e-002	5.519e-002	3.440e-003	-1.162e-001
70	5.786e-002	2.555e-002	3.292e-002	1.301e-001	1.167e-002	-1.622e-001
71	-2.342e-002	2.169e-002	-1.446e-002	-1.764e-001	-1.819e-002	2.031e-001
72	-5.562e-002	2.540e-002	-3.293e-002	1.288e-001	-1.373e-002	-1.570e-001
73	6.101e-002	2.740e-002	4.779e-002	5.572e-002	-9.259e-003	-1.100e-001
74	-1.251e-003	2.757e-002	6.256e-005	-1.426e-001	-4.791e-003	2.524e-001
75	2.482e-002	2.190e-002	1.494e-002	-1.761e-001	1.990e-002	2.068e-001
76	-2.349e-002	-2.230e-002	1.459e-002	1.805e-001	-1.820e-002	2.090e-001
77	-5.682e-002	-2.611e-002	3.355e-002	-1.313e-001	-1.370e-002	-1.601e-001
78	6.231e-002	-2.816e-002	-4.874e-002	-5.685e-002	-9.198e-003	-1.126e-001
79	-1.250e-003	-2.833e-002	-1.545e-004	1.450e-001	-4.696e-003	2.581e-001
80	-6.457e-002	-2.824e-002	4.897e-002	-5.579e-002	3.496e-003	-1.188e-001
81	5.906e-002	-2.625e-002	-3.340e-002	-1.325e-001	1.169e-002	-1.652e-001
82	2.491e-002	-2.250e-002	-1.506e-002	1.801e-001	1.988e-002	2.126e-001
83	-1.317e-002	1.857e-002	-1.045e-002	1.561e-002	1.159e-001	2.076e-001
84	1.400e-002	-1.870e-002	-1.069e-002	-1.685e-002	-1.236e-001	2.134e-001
85	-1.316e-002	-1.867e-002	1.049e-002	-1.641e-002	1.164e-001	2.130e-001
86	-9.810e-004	-1.833e-002	-3.279e-004	-3.313e-002	6.497e-003	2.218e-001
87	1.402e-002	1.861e-002	1.069e-002	1.582e-002	-1.227e-001	2.085e-001
88	-1.037e-003	1.828e-002	1.977e-004	3.148e-002	6.019e-003	2.171e-001
89	6.919e-003	-1.003e-002	4.502e-003	7.639e-002	1.265e-001	1.171e-001
90	-2.007e-002	-1.145e-002	1.899e-002	-4.720e-002	8.652e-002	-3.642e-002
91	1.899e-002	-1.210e-002	-1.947e-002	-3.949e-002	4.654e-002	-4.798e-002
92	4.545e-005	-1.194e-002	1.055e-003	9.148e-002	6.564e-003	1.008e-001
93	-1.867e-002	-1.216e-002	2.090e-002	-4.502e-002	-4.000e-002	-4.789e-002
94	1.994e-002	-1.157e-002	-2.078e-002	-4.980e-002	-8.657e-002	-3.539e-002
95	-7.206e-003	-1.020e-002	-5.147e-003	7.914e-002	-1.331e-001	1.168e-001
96	6.982e-003	1.052e-002	-4.495e-003	-7.685e-002	1.265e-001	1.190e-001
97	-2.040e-002	1.200e-002	-1.903e-002	4.741e-002	8.656e-002	-3.712e-002
98	1.933e-002	1.268e-002	1.953e-002	3.944e-002	4.658e-002	-4.879e-002
99	1.453e-004	1.250e-002	-1.232e-003	-9.236e-002	6.605e-003	1.021e-001
100	-1.884e-002	1.275e-002	-2.120e-002	4.589e-002	-4.002e-002	-4.820e-002
101	2.010e-002	1.214e-002	2.111e-002	5.042e-002	-8.665e-002	-3.573e-002
102	-7.314e-003	1.071e-002	5.201e-003	-8.024e-002	-1.333e-001	1.181e-001
103	-1.885e-002	-2.738e-002	-1.919e-002	6.057e-002	-4.790e-002	4.849e-004
104	-1.892e-002	2.782e-002	1.918e-002	-5.959e-002	-4.707e-002	-1.297e-003
105	5.952e-004	3.025e-002	-1.798e-003	-7.659e-002	6.027e-004	-4.164e-003
106	5.351e-004	-2.979e-002	1.659e-003	7.796e-002	1.104e-003	-2.319e-003
107	1.808e-002	2.744e-002	-1.785e-002	-5.710e-002	4.571e-002	-1.218e-004
108	1.804e-002	-2.702e-002	1.791e-002	5.860e-002	4.629e-002	1.338e-003
109	-1.882e-002	-2.181e-002	-1.749e-002	2.986e-002	6.065e-002	-9.456e-002
110	4.167e-004	2.455e-002	-1.326e-003	-3.927e-002	-5.553e-003	-1.045e-001
111	4.019e-004	-2.466e-002	1.272e-003	4.195e-002	-5.126e-003	-1.021e-001
112	-1.883e-002	2.173e-002	1.730e-002	-2.776e-002	6.163e-002	-9.690e-002
113	1.809e-002	2.146e-002	-1.626e-002	-2.645e-002	-5.737e-002	-9.537e-002
114	1.809e-002	-2.155e-002	1.645e-002	2.894e-002	-5.664e-002	-9.319e-002
115	1.632e-002	-2.022e-004	1.366e-004	1.299e-003	-1.009e-001	-1.237e-001
116	3.417e-002	-2.252e-004	3.505e-004	-9.691e-004	-6.978e-002	1.018e-001
117	-3.883e-002	-2.334e-004	-3.819e-004	-7.089e-004	-3.863e-002	6.611e-002
118	2.530e-004	-2.260e-004	-6.308e-006	1.543e-003	-7.482e-003	-1.513e-001
119	3.968e-002	-2.333e-004	3.637e-004	-6.829e-004	3.067e-002	6.713e-002
120	-3.469e-002	-2.247e-004	-3.412e-004	-9.344e-004	6.881e-002	1.042e-001
121	-1.694e-002	-2.008e-004	-1.491e-004	1.170e-003	1.070e-001	-1.251e-001
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000

Vettori modali 91 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
123	1.717e-004	2.609e-004	-8.728e-004	-1.985e-003	-1.140e-002	1.261e-006
124	1.670e-004	-2.480e-004	7.807e-004	7.135e-003	-2.235e-002	1.177e-006
125	1.255e-003	-6.629e-004	-5.084e-005	-2.179e-002	1.016e-003	1.074e-006
126	1.340e-003	2.348e-003	5.657e-004	-2.512e-002	2.230e-003	7.106e-007
127	1.330e-003	-2.098e-003	-4.351e-004	1.815e-002	6.928e-004	8.307e-007
128	5.293e-009	4.994e-008	2.921e-009	-2.117e-002	6.728e-003	3.163e-007
129	-9.989e-009	1.615e-008	4.595e-011	-5.747e-005	-6.751e-003	-3.926e-007
130	-6.361e-006	-6.479e-005	1.310e-004	2.175e-002	5.559e-003	-1.868e-008
131	4.441e-009	-3.322e-008	-1.991e-009	1.356e-002	-4.958e-003	4.499e-007
132	4.075e-004	8.945e-004	-2.281e-003	-4.467e-003	-1.562e-002	2.529e-007
133	4.648e-004	-7.940e-004	1.959e-003	-1.717e-003	-4.430e-002	-1.514e-007
134	7.922e-004	1.644e-003	1.759e-003	2.050e-002	1.221e-002	-2.825e-007
135	7.329e-004	-1.456e-003	-1.757e-003	-1.304e-002	1.075e-002	-2.997e-007
136	1.255e-003	5.324e-005	1.912e-006	-6.118e-005	-5.570e-004	-4.431e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	1.254e-003	-6.629e-004	-5.084e-005	-1.575e-003	5.005e-003	2.573e-006
139	1.340e-003	2.348e-003	5.657e-004	-1.807e-002	6.153e-003	-5.069e-007
140	1.330e-003	-2.098e-003	-4.351e-004	1.949e-002	-3.455e-003	-1.011e-007
141	-2.226e-004	3.396e-003	5.625e-004	-5.329e-003	1.506e-002	-2.535e-006
142	-2.064e-004	-3.089e-003	-5.393e-004	2.864e-003	2.003e-002	-1.727e-006
143	1.255e-003	5.325e-005	1.912e-006	-4.959e-005	-4.673e-003	-1.971e-006
144	1.149e-003	2.522e-003	-1.924e-003	8.215e-003	-3.305e-003	2.105e-006
145	1.115e-003	-2.232e-003	1.880e-003	-1.039e-002	-1.072e-002	-2.970e-007
146	3.182e-004	2.869e-003	9.885e-004	3.547e-003	4.274e-003	-6.053e-007
147	2.828e-004	-2.587e-003	-9.611e-004	-1.095e-003	2.392e-002	3.675e-008
148	5.576e-008	3.379e-003	1.300e-009	-8.377e-003	-8.584e-003	3.733e-007
149	7.552e-008	7.538e-005	1.430e-010	7.502e-005	8.866e-003	-7.546e-007
150	1.054e-004	-9.169e-004	-1.444e-004	6.370e-003	-7.360e-003	4.324e-007
151	3.312e-008	-3.074e-003	-1.141e-009	1.015e-002	7.071e-003	2.603e-007

Vettori modali 92 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-6.849e-005	4.394e-004	7.663e-006	2.661e-002	2.475e-003	-1.123e-006
2	-2.293e-005	-4.451e-004	5.933e-005	-9.041e-004	-3.568e-003	-3.896e-007
3	6.024e-005	4.156e-004	-3.151e-005	-2.430e-002	-2.917e-002	4.998e-009
4	2.835e-005	-3.835e-004	1.434e-004	-1.435e-003	-5.460e-003	2.557e-007
5	3.118e-004	-8.740e-005	1.199e-003	1.381e-002	2.576e-001	-3.487e-003
6	3.363e-004	8.925e-005	-9.006e-004	-1.009e-002	2.576e-001	-3.793e-003
7	1.223e-004	-3.844e-005	-1.902e-004	-7.123e-003	7.464e-003	3.017e-007
8	1.285e-004	6.515e-005	9.860e-005	-1.873e-002	3.374e-002	3.521e-007
9	2.420e-004	-4.667e-005	-9.751e-005	2.207e-003	9.857e-003	2.250e-008
10	2.303e-004	2.076e-004	-1.840e-005	2.158e-002	1.591e-003	-6.797e-008
11	-1.162e-004	1.456e-004	1.192e-004	-4.816e-003	-8.320e-004	5.913e-004
12	-1.969e-004	-4.103e-004	-1.937e-003	1.456e-002	-6.764e-003	2.487e-004
13	-1.893e-004	4.256e-004	1.357e-003	-1.438e-002	-5.444e-003	3.326e-004
14	-2.247e-004	-1.205e-003	-1.922e-004	1.758e-003	-2.289e-001	-2.617e-003
15	-2.515e-004	1.154e-003	2.100e-004	-1.894e-003	-2.305e-001	-2.968e-003
16	0.000e+000	0.000e+000	0.000e+000	1.557e-002	2.153e-003	-3.722e-003
17	0.000e+000	0.000e+000	0.000e+000	7.725e-005	-1.172e-003	7.944e-004
18	2.732e-005	2.569e-004	2.466e-004	-3.896e-003	-7.721e-004	1.223e-003
19	0.000e+000	0.000e+000	0.000e+000	-1.184e-002	2.223e-003	-3.974e-003
20	3.834e-004	-1.869e-004	3.909e-004	-1.273e-002	1.794e-001	1.040e-003
21	2.789e-004	2.811e-005	2.763e-005	1.487e-005	-1.779e-002	-6.866e-004
22	4.735e-004	2.014e-004	7.177e-004	1.247e-002	1.798e-001	9.773e-004
23	1.227e-004	-3.208e-004	-5.676e-003	-3.949e-003	8.634e-002	5.482e-004
24	2.183e-004	3.408e-005	1.369e-005	-6.416e-005	-7.621e-003	6.421e-004

Vettori modali 92 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
25	2.068e-004	3.375e-004	5.764e-003	1.438e-003	8.717e-002	6.667e-004
26	-1.079e-004	3.057e-005	-1.891e-005	-3.377e-005	-5.363e-004	4.391e-004
27	-1.212e-004	-6.520e-004	5.509e-003	7.376e-003	-8.498e-002	-2.866e-004
28	-6.829e-005	3.104e-005	-1.099e-005	5.144e-005	5.093e-003	-1.124e-004
29	-1.392e-004	6.552e-004	-5.450e-003	-6.085e-003	-8.467e-002	-1.471e-004
30	-2.025e-004	-9.252e-004	3.402e-003	-1.202e-002	-1.632e-001	9.310e-004
31	-8.905e-006	2.689e-005	1.136e-005	2.576e-005	8.188e-003	-5.835e-004
32	-3.070e-004	9.130e-004	-3.165e-003	1.158e-002	-1.639e-001	9.623e-004
33	0.000e+000	-1.188e-003	0.000e+000	2.724e-003	-1.910e-003	-2.446e-003
34	0.000e+000	2.168e-005	0.000e+000	-4.703e-005	1.036e-003	2.037e-003
35	-4.180e-005	5.928e-004	-2.185e-004	-1.028e-003	6.867e-004	2.801e-003
36	0.000e+000	1.135e-003	0.000e+000	-2.991e-003	-1.980e-003	-2.709e-003
37	6.668e-002	-3.125e-002	5.007e-003	-1.466e-003	-1.390e-001	-6.857e-003
38	6.668e-002	2.688e-002	-4.855e-003	2.065e-004	-1.391e-001	-5.747e-003
39	-1.028e-002	7.531e-003	-1.374e-003	-1.212e-002	2.475e-003	-1.263e-002
40	-9.661e-003	-6.861e-003	9.562e-004	1.183e-002	1.798e-003	-1.139e-002
41	-5.920e-002	-3.054e-002	-3.174e-003	2.367e-003	1.234e-001	-1.186e-002
42	-5.962e-002	2.680e-002	3.327e-003	-1.597e-003	1.243e-001	-1.068e-002
43	-6.860e-002	1.232e-002	8.440e-003	-8.362e-002	-1.217e-001	-1.023e-002
44	-6.860e-002	-1.022e-002	-8.446e-003	7.214e-002	-1.217e-001	-7.700e-003
45	4.943e-003	1.816e-003	-7.072e-004	2.034e-002	2.821e-002	-2.551e-002
46	4.489e-003	-1.861e-003	4.829e-004	-1.902e-002	2.678e-002	-2.312e-002
47	6.095e-002	1.052e-002	-5.919e-003	-8.271e-002	1.083e-001	-2.111e-002
48	6.138e-002	-9.348e-003	6.194e-003	7.232e-002	1.090e-001	-1.839e-002
49	8.712e-003	-1.946e-003	1.136e-002	1.485e-001	2.290e-001	-1.376e-002
50	8.806e-003	2.104e-003	-1.153e-002	-1.302e-001	2.293e-001	-9.750e-003
51	7.960e-003	2.370e-003	-1.094e-002	-1.305e-001	1.409e-001	2.991e-002
52	7.235e-003	-1.802e-003	9.688e-003	1.193e-001	1.418e-001	2.822e-002
53	-9.739e-003	6.521e-003	-3.640e-002	7.076e-002	5.270e-002	1.104e-002
54	-8.962e-003	-5.583e-003	3.310e-002	-6.397e-002	5.417e-002	9.504e-003
55	2.429e-003	1.022e-002	4.946e-005	-8.293e-002	-3.547e-002	-3.901e-002
56	2.373e-003	-8.976e-003	-5.307e-005	7.490e-002	-3.341e-002	-3.542e-002
57	1.305e-002	6.218e-003	3.459e-002	6.962e-002	-9.086e-002	2.375e-002
58	1.223e-002	-5.407e-003	-3.144e-002	-6.288e-002	-9.009e-002	2.191e-002
59	-1.177e-002	1.784e-003	1.146e-002	-1.232e-001	-1.463e-001	3.399e-002
60	-1.097e-002	-1.463e-003	-1.017e-002	1.125e-001	-1.468e-001	3.232e-002
61	-7.292e-003	-2.774e-003	-8.320e-003	1.512e-001	-2.016e-001	-3.081e-002
62	-7.447e-003	2.583e-003	8.700e-003	-1.328e-001	-2.034e-001	-2.648e-002
63	4.834e-002	1.014e-001	-1.428e-002	1.886e-003	-1.291e-001	-1.564e-002
64	-1.297e-002	-1.417e-001	-6.047e-004	4.475e-002	2.979e-003	3.145e-002
65	-4.120e-002	1.031e-001	1.122e-002	3.498e-003	1.148e-001	-2.842e-002
66	4.821e-002	-1.138e-001	1.412e-002	-2.467e-003	-1.287e-001	-2.466e-002
67	-1.362e-002	1.563e-001	8.097e-004	-4.867e-002	3.425e-003	2.385e-002
68	-4.067e-002	-1.164e-001	-1.092e-002	-4.368e-003	1.137e-001	-3.718e-002
69	-2.674e-002	-1.144e-002	5.692e-003	9.436e-002	1.617e-002	-3.895e-002
70	2.572e-002	-7.595e-003	3.007e-002	-3.599e-002	1.451e-002	-8.900e-002
71	-4.535e-002	-2.962e-003	-1.613e-002	9.631e-002	-1.626e-002	-2.184e-002
72	-3.188e-002	-7.408e-003	-2.897e-002	-2.617e-002	-4.896e-003	-1.061e-001
73	3.367e-002	-1.134e-002	-3.800e-003	8.653e-002	6.465e-003	-5.441e-002
74	3.154e-003	-1.448e-002	-1.140e-003	-1.436e-001	1.783e-002	1.018e-001
75	4.038e-002	-3.226e-003	1.305e-002	9.626e-002	1.285e-002	-3.046e-002
76	-4.517e-002	3.840e-003	1.598e-002	-1.095e-001	-1.599e-002	-3.611e-002
77	-2.924e-002	8.849e-003	3.030e-002	3.540e-002	-4.832e-003	-9.855e-002
78	3.049e-002	1.324e-002	6.405e-003	-9.280e-002	6.326e-003	-4.921e-002
79	3.174e-003	1.672e-002	1.549e-003	1.535e-001	1.748e-002	8.995e-002

Vettori modali 92 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
80	-2.357e-002	1.331e-002	-8.171e-003	-1.030e-001	1.589e-002	-3.361e-002
81	2.303e-002	8.972e-003	-3.204e-002	4.572e-002	1.430e-002	-8.139e-002
82	4.001e-002	4.015e-003	-1.285e-002	-1.095e-001	1.271e-002	-4.387e-002
83	-2.545e-002	-6.279e-003	-7.846e-003	-8.937e-003	2.112e-001	-5.612e-002
84	2.239e-002	6.818e-003	-5.377e-003	1.134e-002	-1.857e-001	-6.977e-002
85	-2.523e-002	6.810e-003	7.486e-003	1.018e-002	2.115e-001	-7.068e-002
86	2.886e-003	-1.490e-004	1.923e-003	8.528e-002	-1.729e-002	2.535e-002
87	2.262e-002	-6.334e-003	5.667e-003	-9.152e-003	-1.871e-001	-5.722e-002
88	3.127e-003	1.201e-004	-1.336e-003	-7.756e-002	-1.489e-002	3.356e-002
89	9.744e-003	3.613e-003	1.874e-002	-3.228e-002	2.130e-001	-3.188e-002
90	8.368e-003	4.531e-003	7.502e-003	-3.335e-002	1.362e-001	4.389e-002
91	-1.438e-002	5.134e-003	-9.122e-003	-1.092e-002	5.928e-002	9.239e-003
92	2.970e-004	5.380e-003	-3.632e-003	6.445e-003	-1.760e-002	-2.969e-002
93	1.336e-002	5.336e-003	4.880e-003	8.735e-003	-7.474e-002	1.156e-002
94	-8.549e-003	4.920e-003	-1.462e-003	-2.763e-002	-1.319e-001	3.952e-002
95	-8.561e-003	4.162e-003	-1.786e-002	-4.235e-002	-1.890e-001	-3.070e-002
96	9.940e-003	-4.698e-003	-1.914e-002	3.329e-002	2.127e-001	-3.749e-002
97	9.448e-003	-5.829e-003	-7.869e-003	3.379e-002	1.358e-001	4.727e-002
98	-1.580e-002	-6.556e-003	9.377e-003	1.227e-002	5.894e-002	1.156e-002
99	-1.762e-004	-6.827e-003	4.464e-003	-4.698e-003	-1.793e-002	-3.253e-002
100	1.392e-002	-6.785e-003	-3.965e-003	-1.177e-002	-7.463e-002	1.150e-002
101	-8.803e-003	-6.270e-003	4.212e-004	2.614e-002	-1.313e-001	4.120e-002
102	-8.565e-003	-5.319e-003	1.801e-002	4.649e-002	-1.880e-001	-3.376e-002
103	-2.365e-002	1.072e-002	-3.650e-002	-3.393e-002	-4.925e-002	4.816e-003
104	-2.361e-002	-1.183e-002	3.663e-002	3.251e-002	-4.976e-002	9.397e-003
105	-1.267e-003	-7.398e-003	5.877e-003	-1.257e-002	1.832e-004	8.335e-003
106	-9.768e-004	6.269e-003	-5.216e-003	9.065e-003	-2.190e-003	3.747e-003
107	2.695e-002	-1.057e-002	-4.018e-002	2.347e-002	5.661e-002	4.389e-003
108	2.686e-002	9.553e-003	3.985e-002	-2.741e-002	5.722e-002	1.374e-003
109	-2.159e-002	8.772e-003	-2.993e-002	-1.853e-002	1.145e-001	3.724e-002
110	-5.862e-004	-3.092e-003	4.170e-003	-1.266e-002	1.802e-002	2.459e-002
111	-5.130e-004	3.358e-003	-3.919e-003	6.202e-003	1.596e-002	1.876e-002
112	-2.160e-002	-8.619e-003	3.024e-002	1.386e-002	1.134e-001	4.317e-002
113	2.479e-002	-7.818e-003	-3.322e-002	9.297e-003	-1.251e-001	3.775e-002
114	2.476e-002	8.018e-003	3.294e-002	-1.581e-002	-1.251e-001	3.258e-002
115	2.080e-002	4.855e-004	-1.549e-004	-3.460e-003	-1.993e-001	4.574e-002
116	2.564e-003	5.448e-004	-8.300e-004	2.070e-003	-1.251e-001	3.413e-002
117	-7.055e-003	5.664e-004	8.794e-004	1.736e-003	-5.100e-002	-5.729e-003
118	-5.421e-005	5.486e-004	2.539e-005	-3.593e-003	2.314e-002	5.386e-003
119	4.233e-003	5.644e-004	-8.036e-004	1.633e-003	7.597e-002	-4.603e-003
120	-1.807e-003	5.408e-004	7.948e-004	1.937e-003	1.288e-001	2.413e-002
121	-1.797e-002	4.798e-004	2.282e-004	-2.841e-003	1.816e-001	4.879e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	3.117e-004	-8.739e-005	1.199e-003	5.376e-003	-1.790e-003	8.628e-007
124	3.362e-004	8.924e-005	-9.006e-004	2.082e-003	-2.215e-002	7.583e-007
125	-1.162e-004	1.456e-004	1.192e-004	-2.115e-002	-1.386e-003	-5.342e-008
126	-1.969e-004	-4.103e-004	-1.937e-003	2.983e-002	-5.678e-003	-2.968e-007
127	-1.893e-004	4.256e-004	1.357e-003	-3.203e-002	-3.916e-003	-3.108e-007
128	2.723e-008	-8.843e-009	-6.113e-011	2.470e-002	3.742e-003	-5.016e-007
129	3.142e-008	-1.155e-009	-3.561e-010	7.361e-005	-3.542e-003	2.768e-007
130	2.733e-005	2.569e-004	2.466e-004	2.280e-002	1.357e-003	5.451e-008
131	1.657e-008	1.156e-009	-2.211e-010	-2.461e-002	-8.200e-005	-2.073e-007
132	3.834e-004	-1.869e-004	3.909e-004	-9.313e-003	-7.528e-003	-1.513e-007
133	4.735e-004	2.014e-004	7.177e-004	5.712e-003	-4.389e-002	1.235e-007
134	1.227e-004	-3.208e-004	-5.676e-003	-1.490e-002	-8.634e-003	2.976e-007

Vettori modali 92 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
135	2.068e-004	3.375e-004	5.764e-003	1.443e-002	-2.363e-002	8.376e-008
136	-1.079e-004	3.057e-005	-1.891e-005	-6.694e-005	2.017e-004	3.052e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.162e-004	1.457e-004	1.192e-004	-2.660e-002	-3.894e-005	-5.808e-007
139	-1.969e-004	-4.103e-004	-1.937e-003	2.847e-002	-4.281e-003	2.800e-007
140	-1.893e-004	4.256e-004	1.357e-003	-3.159e-002	-5.232e-003	1.935e-007
141	-2.247e-004	-1.205e-003	-1.922e-004	-7.388e-003	6.268e-003	1.830e-006
142	-2.515e-004	1.154e-003	2.100e-004	1.137e-002	2.266e-002	1.486e-006
143	-1.079e-004	3.056e-005	-1.891e-005	-9.967e-006	-1.158e-003	5.422e-007
144	-1.212e-004	-6.520e-004	5.509e-003	1.304e-003	1.067e-002	-7.258e-007
145	-1.392e-004	6.552e-004	-5.450e-003	4.392e-003	1.910e-002	-1.577e-008
146	-2.024e-004	-9.252e-004	3.402e-003	-9.772e-003	2.392e-002	8.342e-008
147	-3.070e-004	9.130e-004	-3.165e-003	4.777e-003	5.469e-002	8.048e-008
148	-3.605e-008	-1.188e-003	-1.181e-009	1.177e-002	-5.490e-003	-2.710e-007
149	-3.817e-008	2.169e-005	2.876e-010	-1.000e-004	5.275e-003	2.442e-007
150	-4.182e-005	5.928e-004	-2.185e-004	2.765e-002	-3.371e-003	-7.755e-008
151	-2.270e-008	1.135e-003	1.069e-009	-1.616e-002	2.163e-003	-8.034e-008

Vettori modali 93 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-3.683e-003	-6.267e-004	-1.225e-004	1.078e-002	-3.265e-002	7.803e-007
2	-2.443e-003	9.406e-004	3.094e-004	1.008e-002	-4.663e-002	-5.875e-009
3	-1.331e-003	-5.690e-004	-1.103e-004	-3.336e-003	-4.897e-002	4.626e-007
4	-1.048e-003	6.129e-004	7.562e-005	-2.860e-002	-7.559e-003	5.214e-007
5	-3.693e-004	-4.680e-005	-5.913e-003	-7.081e-002	-1.575e-001	4.717e-003
6	-4.148e-004	4.630e-005	3.976e-003	4.708e-002	-1.477e-001	5.217e-003
7	-9.622e-004	1.284e-004	6.264e-005	2.565e-002	-2.773e-003	-6.200e-007
8	-1.225e-003	-9.587e-005	-5.172e-005	3.191e-003	-4.069e-002	-6.966e-008
9	-2.279e-003	7.189e-005	2.674e-004	-9.408e-003	-4.481e-002	4.027e-007
10	-3.551e-003	-8.621e-005	-1.355e-004	-9.993e-003	-3.167e-002	1.024e-006
11	-3.322e-003	-2.333e-004	-1.379e-003	-3.175e-004	9.748e-003	-1.447e-003
12	-2.587e-003	8.776e-004	2.297e-002	6.917e-004	7.974e-002	-3.885e-004
13	-2.703e-003	-7.378e-004	-1.586e-002	-9.528e-004	6.366e-002	-2.889e-004
14	-4.846e-004	1.991e-003	-5.962e-003	7.143e-002	-1.761e-001	-5.870e-003
15	-5.216e-004	-1.804e-003	4.023e-003	-4.771e-002	-1.656e-001	-6.287e-003
16	0.000e+000	0.000e+000	0.000e+000	-7.546e-002	-1.311e-003	4.062e-003
17	0.000e+000	0.000e+000	0.000e+000	-7.428e-004	7.058e-004	6.824e-004
18	-1.233e-004	-1.347e-004	-1.453e-004	1.651e-002	4.467e-004	-1.424e-003
19	0.000e+000	0.000e+000	0.000e+000	5.101e-002	-1.289e-003	4.580e-003
20	-2.347e-003	3.567e-005	-2.228e-002	4.234e-003	-8.735e-002	4.448e-003
21	-2.390e-003	1.956e-006	-2.423e-004	8.724e-006	3.650e-002	5.515e-003
22	-2.432e-003	-5.175e-006	1.409e-002	-5.084e-003	-8.520e-002	4.731e-003
23	-3.619e-003	4.591e-004	1.068e-003	6.665e-002	-3.804e-003	-6.541e-004
24	-3.847e-003	1.339e-005	-1.769e-005	7.562e-004	3.497e-002	3.396e-004
25	-3.946e-003	-3.589e-004	-1.849e-003	-4.341e-002	-1.077e-002	-7.034e-004
26	-3.421e-003	4.317e-005	2.500e-004	1.707e-007	6.419e-003	-6.898e-004
27	-3.689e-003	1.276e-003	1.740e-003	-6.622e-002	-1.036e-002	1.076e-003
28	-3.959e-003	7.687e-005	-1.858e-005	-7.624e-004	3.613e-002	2.429e-004
29	-4.048e-003	-1.116e-003	-2.741e-003	4.280e-002	-1.706e-002	1.094e-003
30	-2.538e-003	1.773e-003	-2.200e-002	-5.677e-003	-1.005e-001	-4.213e-003
31	-2.587e-003	7.639e-005	-2.460e-004	-1.280e-005	4.499e-002	-5.287e-003
32	-2.622e-003	-1.588e-003	1.367e-002	6.945e-003	-9.779e-002	-4.571e-003
33	0.000e+000	1.987e-003	0.000e+000	7.606e-002	-1.471e-003	-5.800e-003
34	0.000e+000	5.077e-005	0.000e+000	7.560e-004	8.000e-004	-2.850e-003
35	-7.532e-005	-4.334e-004	-1.649e-004	-1.668e-002	5.055e-004	-1.572e-003
36	0.000e+000	-1.815e-003	0.000e+000	-5.156e-002	-1.454e-003	-6.199e-003

Vettori modali 93 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
37	-4.093e-002	7.139e-003	-1.090e-002	4.087e-002	8.562e-002	-3.132e-002
38	-3.840e-002	-1.819e-003	9.073e-003	-2.775e-002	8.047e-002	-3.066e-002
39	1.178e-001	2.014e-003	1.601e-002	1.625e-003	-1.666e-002	-1.090e-003
40	1.101e-001	-2.082e-003	-1.087e-002	-1.031e-003	-8.347e-003	-1.326e-003
41	-4.579e-002	-1.159e-002	-1.106e-002	-3.466e-002	9.595e-002	2.926e-002
42	-4.307e-002	8.535e-003	9.164e-003	2.160e-002	9.039e-002	2.793e-002
43	4.191e-002	-1.626e-002	-1.506e-002	6.212e-003	7.286e-002	-6.736e-002
44	3.934e-002	9.857e-003	1.349e-002	4.083e-003	6.823e-002	-6.653e-002
45	-5.437e-002	-9.813e-004	7.852e-003	4.142e-003	-3.289e-001	-1.791e-003
46	-4.874e-002	8.171e-004	-5.066e-003	-4.404e-003	-3.110e-001	-2.364e-003
47	4.696e-002	1.644e-002	-1.532e-002	-2.094e-002	8.162e-002	6.438e-002
48	4.419e-002	-1.089e-002	1.362e-002	1.674e-002	7.667e-002	6.214e-002
49	-8.339e-003	-6.476e-003	-1.821e-002	2.444e-002	-1.508e-001	-1.052e-001
50	-8.007e-003	4.286e-003	1.703e-002	-2.991e-002	-1.421e-001	-1.042e-001
51	2.371e-002	-4.123e-003	-4.918e-003	3.765e-002	3.596e-002	2.639e-002
52	2.340e-002	2.445e-003	4.893e-003	-3.077e-002	3.322e-002	2.693e-002
53	-2.074e-002	-1.483e-003	9.313e-003	-6.106e-004	2.227e-001	7.816e-002
54	-2.066e-002	4.344e-004	-7.340e-003	-1.459e-003	2.085e-001	7.667e-002
55	-2.938e-002	1.261e-003	-1.344e-003	-1.256e-002	4.094e-001	-2.526e-003
56	-2.868e-002	-1.607e-003	1.434e-003	1.468e-002	3.838e-001	-3.452e-003
57	-1.937e-002	3.228e-003	1.415e-002	1.854e-002	2.172e-001	-7.586e-002
58	-1.888e-002	-2.655e-003	-1.398e-002	-2.009e-002	2.033e-001	-7.350e-002
59	2.250e-002	4.969e-003	-5.900e-004	-5.682e-002	2.506e-002	-2.282e-002
60	2.179e-002	-3.518e-003	-9.843e-005	5.597e-002	2.288e-002	-2.249e-002
61	-8.966e-003	6.365e-003	-1.855e-002	1.436e-003	-1.671e-001	1.012e-001
62	-8.558e-003	-4.136e-003	1.718e-002	-6.296e-003	-1.576e-001	9.803e-002
63	-3.968e-002	2.682e-002	1.832e-002	8.859e-003	8.005e-002	-8.087e-002
64	1.513e-001	-2.049e-002	8.104e-003	3.499e-003	-2.915e-002	-2.361e-003
65	-4.269e-002	3.614e-003	1.887e-002	-1.108e-002	8.887e-002	6.953e-002
66	-4.202e-002	-2.869e-002	-1.906e-002	-1.032e-002	8.430e-002	-7.712e-002
67	1.595e-001	1.638e-002	-1.056e-002	-2.321e-003	-3.480e-002	-3.829e-004
68	-4.526e-002	5.482e-003	-1.976e-002	1.309e-002	9.368e-002	7.045e-002
69	-3.955e-002	-1.035e-003	-9.020e-003	-3.874e-002	-1.341e-001	-8.679e-002
70	3.506e-002	-3.679e-006	-4.369e-003	5.058e-002	-5.747e-002	-9.967e-002
71	2.771e-002	-1.548e-003	1.833e-002	1.622e-002	1.844e-002	-5.638e-002
72	3.521e-002	-1.828e-003	-9.937e-003	-7.021e-002	-5.797e-002	1.003e-001
73	-4.051e-002	-1.980e-003	-1.393e-002	6.013e-002	-1.344e-001	8.747e-002
74	-3.563e-002	-1.995e-003	1.452e-002	-1.532e-002	-2.108e-001	-1.214e-003
75	3.081e-002	1.028e-003	1.925e-002	1.563e-002	1.918e-002	3.956e-002
76	2.883e-002	7.599e-004	-1.856e-002	-1.322e-002	1.764e-002	-4.764e-002
77	3.494e-002	1.035e-003	1.324e-002	7.066e-002	-5.714e-002	9.862e-002
78	-3.966e-002	1.239e-003	1.249e-002	-7.262e-002	-1.319e-001	8.724e-002
79	-3.598e-002	1.356e-003	-1.948e-002	1.245e-002	-2.067e-001	1.870e-003
80	-4.039e-002	6.992e-004	8.937e-003	5.547e-002	-1.317e-001	-8.931e-002
81	3.619e-002	-7.015e-006	8.632e-003	-5.617e-002	-5.668e-002	-1.020e-001
82	3.208e-002	-7.127e-004	-1.957e-002	-1.147e-002	1.834e-002	3.809e-002
83	1.575e-002	-1.128e-003	1.330e-002	-2.410e-005	-1.343e-001	-1.584e-002
84	1.754e-002	6.901e-004	-1.321e-002	-8.351e-003	-1.597e-001	-1.396e-002
85	1.577e-002	6.771e-004	-1.283e-002	5.147e-003	-1.444e-001	6.701e-005
86	-3.329e-002	3.537e-005	-2.365e-002	4.664e-003	1.974e-001	9.107e-004
87	1.746e-002	-5.618e-004	1.364e-002	1.887e-003	-1.486e-001	-5.348e-003
88	-3.618e-002	-1.702e-005	1.650e-002	-7.031e-003	1.677e-001	-1.008e-003
89	-6.687e-003	3.656e-003	-3.784e-003	-6.252e-002	-1.345e-001	1.655e-003
90	2.255e-003	2.871e-003	-3.552e-002	3.163e-002	-2.285e-002	-2.234e-002
91	4.570e-003	1.886e-003	2.465e-002	1.162e-001	8.883e-002	1.635e-002

Vettori modali 93 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
92	-4.057e-003	7.686e-004	4.266e-002	-1.047e-003	2.005e-001	-3.074e-003
93	7.213e-003	-4.593e-004	2.450e-002	-1.152e-001	8.398e-002	-1.414e-002
94	6.848e-004	-1.655e-003	-3.530e-002	-3.240e-002	-3.255e-002	2.957e-002
95	-7.359e-003	-2.735e-003	-5.270e-003	5.610e-002	-1.491e-001	-1.178e-002
96	-7.845e-003	-3.789e-003	5.313e-003	8.086e-002	-1.380e-001	1.847e-002
97	-2.952e-003	-2.813e-003	4.399e-002	-4.315e-002	-2.372e-002	-3.339e-002
98	1.006e-002	-1.641e-003	-3.167e-002	-1.427e-001	9.054e-002	1.560e-003
99	1.744e-003	-3.546e-004	-5.285e-002	1.765e-004	2.048e-001	-2.616e-003
100	1.231e-002	1.032e-003	-3.195e-002	1.424e-001	8.558e-002	3.403e-004
101	-4.310e-003	2.346e-003	4.416e-002	4.491e-002	-3.364e-002	3.962e-002
102	-8.579e-003	3.496e-003	6.823e-003	-7.634e-002	-1.529e-001	-2.643e-002
103	-1.995e-002	-5.695e-003	-2.064e-002	3.627e-002	-5.011e-002	-2.003e-002
104	-2.082e-002	6.570e-003	2.183e-002	-5.119e-002	-4.281e-002	-3.082e-002
105	1.397e-002	-6.486e-004	-6.876e-002	7.320e-004	-5.379e-003	-3.895e-004
106	1.040e-002	9.732e-004	6.065e-002	-3.547e-005	2.383e-002	1.086e-003
107	-1.893e-002	-8.153e-003	1.890e-002	5.589e-002	-3.947e-002	2.927e-002
108	-1.811e-002	7.888e-003	-1.770e-002	-3.984e-002	-4.617e-002	2.081e-002
109	-1.972e-002	-3.603e-003	-1.865e-002	1.534e-002	6.515e-002	-2.318e-002
110	5.852e-003	-5.786e-004	-4.852e-002	8.641e-004	-2.108e-001	1.768e-003
111	4.956e-003	5.056e-004	4.548e-002	7.663e-004	-1.852e-001	3.480e-003
112	-1.992e-002	3.846e-003	1.840e-002	-2.522e-002	7.289e-002	-2.949e-002
113	-1.823e-002	-5.413e-003	1.609e-002	2.862e-002	6.331e-002	3.447e-002
114	-1.805e-002	5.077e-003	-1.618e-002	-1.590e-002	5.645e-002	3.139e-002
115	-1.626e-002	-1.710e-004	-3.974e-004	4.585e-003	9.500e-002	2.121e-002
116	-4.261e-003	-1.779e-004	4.142e-004	-1.335e-003	-2.621e-002	-5.969e-002
117	1.679e-002	-1.724e-004	-6.749e-004	-1.003e-003	-1.474e-001	8.082e-003
118	-3.673e-004	-1.549e-004	-2.762e-004	9.700e-004	-2.686e-001	2.687e-003
119	1.603e-002	-1.464e-004	-2.082e-004	9.531e-005	-1.426e-001	-1.078e-002
120	-3.324e-003	-1.276e-004	-3.089e-005	2.036e-004	-1.664e-002	5.916e-002
121	-1.764e-002	-1.001e-004	-5.279e-004	-2.936e-003	1.094e-001	-1.243e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	-3.692e-004	-4.686e-005	-5.913e-003	-9.166e-002	-4.045e-002	-2.575e-006
124	-4.148e-004	4.635e-005	3.976e-003	5.305e-002	-1.898e-003	-2.013e-006
125	-3.322e-003	-2.332e-004	-1.379e-003	1.131e-002	-2.217e-003	-1.317e-007
126	-2.587e-003	8.776e-004	2.297e-002	8.346e-003	4.824e-002	1.284e-006
127	-2.703e-003	-7.378e-004	-1.586e-002	2.571e-003	6.413e-002	9.253e-007
128	-7.781e-008	1.208e-009	-4.711e-010	-5.628e-002	1.517e-002	1.215e-006
129	-1.042e-007	3.173e-009	1.766e-010	-9.905e-004	-1.566e-002	-8.815e-007
130	-1.234e-004	-1.347e-004	-1.453e-004	-5.959e-003	1.671e-002	1.983e-007
131	-4.236e-008	1.273e-008	1.217e-009	4.589e-002	-1.780e-002	4.583e-007
132	-2.347e-003	3.562e-005	-2.228e-002	1.405e-002	-8.688e-002	-5.005e-008
133	-2.432e-003	-5.130e-006	1.409e-002	-5.121e-003	-2.644e-002	1.277e-007
134	-3.619e-003	4.591e-004	1.068e-003	7.929e-002	-3.180e-002	-1.134e-006
135	-3.946e-003	-3.589e-004	-1.850e-003	-5.863e-002	2.341e-002	-2.011e-007
136	-3.421e-003	4.316e-005	2.500e-004	3.543e-004	1.656e-002	-1.897e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-3.322e-003	-2.333e-004	-1.379e-003	-1.225e-002	-2.601e-003	1.743e-006
139	-2.587e-003	8.776e-004	2.297e-002	-2.028e-003	4.788e-002	-1.491e-006
140	-2.703e-003	-7.378e-004	-1.586e-002	-1.070e-002	6.445e-002	-1.309e-006
141	-4.846e-004	1.991e-003	-5.962e-003	8.810e-002	-3.431e-002	1.858e-006
142	-5.216e-004	-1.804e-003	4.023e-003	-4.828e-002	7.835e-003	1.389e-006
143	-3.421e-003	4.319e-005	2.500e-004	-3.787e-004	1.684e-002	-9.068e-007
144	-3.689e-003	1.276e-003	1.740e-003	-8.285e-002	-3.101e-002	3.009e-006
145	-4.048e-003	-1.116e-003	-2.741e-003	6.310e-002	2.794e-002	1.398e-007
146	-2.538e-003	1.773e-003	-2.200e-002	-1.197e-002	-8.385e-002	-1.746e-007

Vettori modali 93 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
147	-2.622e-003	-1.588e-003	1.367e-002	2.476e-003	-1.494e-002	-3.695e-008
148	-5.144e-008	1.987e-003	1.051e-010	6.122e-002	1.257e-002	-5.960e-007
149	-6.789e-008	5.076e-005	1.757e-010	1.008e-003	-1.292e-002	8.103e-007
150	-7.536e-005	-4.334e-004	-1.649e-004	8.010e-003	1.425e-002	-2.362e-007
151	-2.651e-008	-1.815e-003	5.756e-010	-5.209e-002	-1.526e-002	-2.549e-007

Vettori modali 94 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.729e-004	2.231e-003	-7.706e-006	1.988e-002	2.851e-003	1.544e-007
2	4.213e-005	2.163e-003	-6.861e-006	-1.796e-003	-9.015e-004	-4.605e-007
3	-7.962e-005	2.307e-003	-1.262e-005	-1.874e-002	-1.535e-002	2.980e-008
4	4.194e-005	2.252e-003	-5.385e-005	8.973e-004	-1.191e-003	2.587e-008
5	5.998e-005	3.767e-005	-3.365e-005	4.380e-004	-1.867e-002	-8.099e-004
6	-3.853e-005	4.487e-005	1.080e-004	2.082e-003	-1.297e-003	7.712e-004
7	2.739e-005	2.411e-004	7.216e-005	-3.086e-003	2.374e-003	-1.712e-007
8	1.346e-005	5.944e-004	1.167e-004	3.273e-002	-2.321e-002	2.591e-008
9	8.594e-005	7.041e-004	-2.269e-005	2.104e-003	-1.162e-003	3.320e-007
10	-2.043e-004	1.176e-003	1.966e-005	-3.456e-002	6.458e-003	1.940e-007
11	-1.024e-004	1.954e-003	-5.239e-005	1.847e-003	1.928e-004	2.108e-004
12	4.695e-005	1.904e-003	3.358e-004	4.245e-003	1.267e-003	2.356e-005
13	-1.493e-004	1.970e-003	-3.147e-004	5.556e-003	1.122e-003	-1.428e-005
14	3.305e-005	1.696e-003	-1.442e-004	2.556e-003	1.296e-002	2.341e-004
15	-8.877e-005	1.675e-003	4.331e-005	2.824e-004	-3.760e-003	-8.257e-004
16	0.000e+000	0.000e+000	0.000e+000	-8.498e-004	-1.320e-004	-6.993e-004
17	0.000e+000	0.000e+000	0.000e+000	1.268e-004	3.668e-005	1.043e-003
18	-9.463e-006	3.086e-004	-5.169e-006	4.126e-004	8.752e-006	6.282e-004
19	0.000e+000	0.000e+000	0.000e+000	9.843e-004	-2.618e-005	9.631e-005
20	2.895e-004	6.517e-004	-1.705e-003	-5.308e-003	-1.277e-002	-2.587e-004
21	-3.874e-005	7.186e-004	5.072e-005	5.065e-005	-5.940e-003	-1.581e-004
22	-3.873e-004	6.923e-004	-1.568e-003	-6.607e-003	-5.816e-004	5.012e-004
23	2.434e-004	1.323e-003	-2.570e-003	3.327e-003	-5.754e-003	4.226e-004
24	-7.753e-005	1.366e-003	1.988e-005	-1.369e-004	3.495e-003	5.468e-005
25	-3.322e-004	1.376e-003	-3.247e-003	2.143e-003	2.702e-004	-4.788e-004
26	-6.455e-005	1.902e-003	-2.029e-005	-7.134e-006	1.164e-004	9.428e-005
27	3.525e-005	2.012e-003	2.523e-003	1.257e-003	5.385e-003	4.350e-005
28	-8.375e-005	2.217e-003	1.152e-005	1.252e-004	3.003e-003	1.838e-005
29	-1.691e-004	2.052e-003	3.058e-003	3.687e-003	-5.970e-004	1.158e-004
30	2.641e-005	1.932e-003	9.999e-004	-5.287e-003	9.503e-003	-7.432e-005
31	-4.237e-005	2.388e-003	4.626e-005	-5.745e-006	-6.459e-004	-3.009e-004
32	-2.257e-004	1.932e-003	2.038e-003	-6.186e-003	-2.316e-003	9.609e-006
33	0.000e+000	1.703e-003	0.000e+000	1.426e-003	9.580e-005	5.797e-004
34	0.000e+000	2.448e-003	0.000e+000	-1.355e-004	-3.378e-005	6.827e-004
35	1.499e-005	2.527e-003	4.867e-006	-4.081e-004	-4.829e-006	-5.550e-004
36	0.000e+000	1.685e-003	0.000e+000	-9.532e-004	2.674e-006	-1.424e-003
37	-4.789e-003	-3.478e-002	-1.646e-003	7.305e-003	9.845e-003	-1.129e-002
38	-3.500e-004	-3.766e-002	-1.146e-003	6.959e-003	8.433e-004	1.064e-002
39	1.972e-003	1.850e-002	2.514e-004	-1.691e-003	-4.995e-004	-8.411e-003
40	1.831e-003	1.982e-002	-1.979e-004	-2.618e-003	1.211e-004	9.239e-003
41	3.365e-003	-3.355e-002	1.339e-003	1.060e-002	-7.032e-003	-9.513e-003
42	-1.027e-003	-3.591e-002	1.512e-003	1.242e-002	2.223e-003	1.074e-002
43	4.837e-003	1.106e-002	-3.135e-003	-9.688e-002	8.421e-003	-2.176e-002
44	4.490e-004	1.228e-002	-2.314e-003	-1.045e-001	8.967e-004	2.051e-002
45	-9.567e-004	-4.988e-003	1.482e-004	4.454e-002	-5.389e-003	-1.684e-002
46	-7.561e-004	-5.099e-003	-6.598e-005	4.803e-002	-5.307e-003	1.849e-002
47	-3.403e-003	9.878e-003	2.722e-003	-9.484e-002	-5.785e-003	-1.926e-002
48	9.903e-004	1.018e-002	2.867e-003	-1.018e-001	1.447e-003	2.230e-002

Vettori modali 94 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
49	-1.340e-003	-1.618e-003	-4.443e-003	1.699e-001	-1.918e-002	-3.275e-002
50	5.770e-004	-1.691e-003	-3.352e-003	1.829e-001	1.295e-003	3.086e-002
51	5.803e-003	3.577e-003	-2.389e-002	-1.028e-001	-1.051e-002	1.233e-002
52	-5.667e-003	3.894e-003	-2.550e-002	-1.149e-001	3.003e-003	-1.352e-002
53	-6.047e-003	8.522e-003	-2.716e-002	9.718e-002	-1.845e-003	1.325e-002
54	6.106e-003	9.207e-003	-3.034e-002	1.055e-001	4.711e-003	-1.182e-002
55	-4.497e-004	1.287e-002	2.738e-005	-1.344e-001	6.825e-003	-2.569e-002
56	-5.247e-004	1.388e-002	7.795e-005	-1.450e-001	6.419e-003	2.820e-002
57	5.391e-003	8.426e-003	2.721e-002	9.701e-002	9.211e-003	1.091e-002
58	-6.784e-003	8.978e-003	2.965e-002	1.047e-001	2.150e-003	-1.459e-002
59	-5.088e-003	3.392e-003	2.378e-002	-1.031e-001	1.160e-002	1.144e-002
60	6.486e-003	3.452e-003	2.556e-002	-1.122e-001	-2.118e-003	-1.427e-002
61	1.101e-003	-1.879e-003	3.953e-003	1.681e-001	1.398e-002	-2.948e-002
62	-9.065e-004	-2.315e-003	4.057e-003	1.820e-001	-6.387e-003	3.443e-002
63	1.019e-003	-1.449e-001	-2.050e-003	1.713e-003	-1.731e-003	6.820e-002
64	2.589e-003	1.994e-001	2.298e-004	-3.845e-002	-2.860e-004	5.220e-002
65	-2.395e-003	-1.459e-001	2.828e-003	1.284e-003	4.790e-003	7.053e-002
66	-5.040e-003	-1.343e-001	-3.414e-003	1.219e-003	1.185e-002	-6.834e-002
67	2.607e-003	1.834e-001	-8.819e-005	-3.460e-002	-7.645e-004	-5.353e-002
68	3.589e-003	-1.344e-001	2.911e-003	1.525e-003	-9.113e-003	-6.568e-002
69	-2.428e-002	1.637e-002	-2.588e-002	-1.047e-001	-2.059e-003	-3.427e-002
70	1.827e-002	1.050e-002	-2.597e-002	1.049e-001	-5.910e-004	-5.943e-002
71	-4.398e-004	3.945e-003	-5.305e-004	-1.418e-001	-1.767e-004	1.075e-001
72	-1.721e-002	1.053e-002	2.558e-002	1.020e-001	-1.293e-003	-5.609e-002
73	2.302e-002	1.639e-002	2.533e-002	-1.022e-001	-2.410e-003	-3.178e-002
74	-5.164e-004	2.110e-002	3.725e-004	1.471e-001	-3.527e-003	7.744e-002
75	1.516e-003	3.893e-003	1.329e-003	-1.423e-001	8.769e-004	1.085e-001
76	3.970e-003	3.822e-003	-2.081e-003	-1.316e-001	1.545e-003	-1.057e-001
77	1.993e-002	9.911e-003	2.305e-002	9.904e-002	-1.254e-004	6.429e-002
78	-2.580e-002	1.531e-002	2.470e-002	-9.476e-002	-1.796e-003	3.728e-002
79	-6.775e-004	1.964e-002	-2.025e-004	1.326e-001	-3.466e-003	-8.279e-002
80	2.439e-002	1.527e-002	-2.450e-002	-9.345e-002	-2.654e-003	3.391e-002
81	-1.863e-002	9.827e-003	-2.283e-002	9.774e-002	-1.843e-003	6.094e-002
82	-3.050e-003	3.702e-003	1.602e-003	-1.320e-001	-1.031e-003	-1.037e-001
83	-1.745e-004	5.392e-003	-5.674e-004	5.437e-003	1.140e-003	1.148e-001
84	-1.665e-003	4.696e-003	1.173e-003	4.911e-003	1.297e-002	-1.085e-001
85	2.127e-003	4.713e-003	-1.447e-003	5.076e-003	-1.794e-002	-1.088e-001
86	-6.346e-004	-2.339e-003	-2.576e-004	7.030e-002	3.242e-003	-3.803e-002
87	8.225e-004	5.382e-003	1.191e-003	5.540e-003	-5.980e-003	1.144e-001
88	-5.272e-004	-2.359e-003	4.189e-004	7.729e-002	2.842e-003	3.565e-002
89	-2.144e-004	-8.097e-003	-7.716e-004	2.263e-002	-3.189e-003	3.691e-002
90	-3.217e-003	-1.009e-002	3.011e-003	-9.487e-003	-1.049e-003	-2.103e-002
91	7.691e-003	-1.138e-002	-4.027e-003	-5.315e-003	1.091e-003	-2.878e-003
92	1.167e-006	-1.187e-002	8.643e-004	1.714e-002	3.231e-003	1.214e-002
93	-7.394e-003	-1.142e-002	4.939e-003	-1.004e-002	1.554e-003	-3.028e-003
94	3.159e-003	-1.017e-002	-4.412e-003	-1.042e-002	-1.234e-004	-2.005e-002
95	4.161e-005	-8.212e-003	7.749e-004	2.534e-002	-1.800e-003	3.608e-002
96	-6.257e-004	-7.893e-003	4.627e-004	2.144e-002	-1.363e-002	-3.328e-002
97	2.568e-003	-9.748e-003	4.383e-003	-1.184e-002	-7.904e-003	1.667e-002
98	-6.288e-003	-1.092e-002	-5.092e-003	-9.286e-003	-2.181e-003	2.472e-003
99	-4.239e-005	-1.134e-002	-7.363e-004	1.654e-002	3.542e-003	-1.002e-002
100	6.564e-003	-1.088e-002	4.122e-003	-5.348e-003	5.368e-003	2.078e-003
101	-2.580e-003	-9.666e-003	-3.121e-003	-1.026e-002	7.195e-003	1.779e-002
102	2.874e-004	-7.778e-003	-1.182e-004	1.952e-002	9.021e-003	-3.345e-002
103	1.205e-004	-8.601e-003	1.121e-003	-1.593e-002	4.664e-003	-2.909e-002

Vettori modali 94 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
104	7.803e-004	-7.468e-003	-4.827e-004	-2.010e-002	-2.902e-003	2.792e-002
105	1.966e-004	-8.258e-003	-1.031e-003	-2.234e-002	1.811e-004	3.868e-002
106	2.086e-004	-8.936e-003	1.137e-003	-2.224e-002	1.311e-004	-3.937e-002
107	-1.474e-003	-7.700e-003	1.266e-003	-1.897e-002	1.812e-003	2.854e-002
108	-7.293e-004	-8.361e-003	-1.647e-003	-1.787e-002	-6.565e-003	-2.800e-002
109	4.033e-004	8.189e-004	2.157e-003	-3.927e-002	5.160e-003	-4.451e-002
110	8.536e-005	2.278e-003	-7.255e-004	-4.473e-002	-3.401e-003	4.387e-002
111	9.263e-005	1.890e-003	8.498e-004	-4.492e-002	-3.233e-003	-4.609e-002
112	3.941e-004	1.680e-003	8.602e-004	-4.127e-002	-1.008e-002	4.032e-002
113	-1.040e-003	1.535e-003	-2.241e-004	-4.100e-002	1.255e-002	4.118e-002
114	-1.030e-003	9.708e-004	-2.670e-003	-4.042e-002	-3.357e-003	-4.340e-002
115	-8.884e-004	7.222e-003	-2.423e-003	-4.608e-002	7.344e-003	-1.768e-003
116	-1.315e-005	8.166e-003	-1.159e-002	2.842e-002	3.395e-003	-1.627e-003
117	3.266e-004	8.541e-003	1.205e-002	2.411e-002	-5.539e-004	5.751e-004
118	-7.772e-006	8.319e-003	7.483e-005	-5.092e-002	-4.503e-003	-7.072e-004
119	2.229e-004	8.539e-003	-1.194e-002	2.372e-002	-4.321e-003	2.507e-004
120	-1.118e-004	8.164e-003	1.147e-002	2.827e-002	-4.139e-003	3.642e-004
121	3.195e-004	7.219e-003	2.451e-003	-4.558e-002	-3.957e-003	-2.319e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	5.998e-005	3.768e-005	-3.365e-005	-3.687e-003	-4.546e-003	1.036e-006
124	-3.853e-005	4.489e-005	1.080e-004	-1.047e-002	1.376e-002	-1.011e-006
125	-1.025e-004	1.954e-003	-5.239e-005	3.295e-002	2.041e-003	-5.089e-007
126	4.695e-005	1.904e-003	3.358e-004	1.112e-002	2.784e-003	8.427e-007
127	-1.493e-004	1.970e-003	-3.147e-004	2.113e-002	-9.422e-004	-7.017e-007
128	7.297e-009	4.011e-008	2.638e-009	1.631e-003	-7.662e-004	2.613e-007
129	6.155e-009	7.175e-008	7.508e-010	-4.520e-005	7.645e-004	-2.126e-007
130	-9.468e-006	3.086e-004	-5.168e-006	-3.519e-002	-7.742e-004	-1.714e-007
131	-8.987e-009	2.411e-008	1.600e-009	1.219e-002	6.752e-004	-2.626e-007
132	2.895e-004	6.517e-004	-1.705e-003	-4.129e-003	-8.845e-003	2.453e-007
133	-3.873e-004	6.923e-004	-1.568e-003	2.543e-003	5.073e-002	-1.263e-007
134	2.434e-004	1.323e-003	-2.570e-003	5.672e-004	-1.089e-002	-6.655e-007
135	-3.322e-004	1.376e-003	-3.247e-003	-9.313e-003	-3.436e-005	2.389e-007
136	-6.455e-005	1.902e-003	-2.029e-005	3.047e-005	-1.759e-003	1.746e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-1.024e-004	1.954e-003	-5.239e-005	-1.927e-002	-1.226e-004	2.004e-007
139	4.695e-005	1.904e-003	3.358e-004	3.132e-003	6.123e-004	-3.240e-007
140	-1.493e-004	1.970e-003	-3.147e-004	1.551e-002	1.233e-003	3.466e-007
141	3.305e-005	1.696e-003	-1.442e-004	6.091e-003	-9.733e-004	4.412e-007
142	-8.877e-005	1.675e-003	4.331e-005	-7.559e-003	3.929e-003	-5.213e-007
143	-6.455e-005	1.902e-003	-2.029e-005	-3.222e-005	4.058e-004	-1.472e-008
144	3.525e-005	2.012e-003	2.523e-003	5.605e-003	4.175e-003	2.714e-007
145	-1.691e-004	2.052e-003	3.058e-003	-2.060e-003	-2.401e-002	-4.829e-008
146	2.641e-005	1.932e-003	9.999e-004	-1.164e-002	7.768e-003	-3.859e-007
147	-2.257e-004	1.932e-003	2.038e-003	-1.995e-003	1.733e-002	-8.757e-008
148	-1.161e-008	1.703e-003	-2.699e-010	-2.563e-003	-1.330e-003	-7.743e-008
149	-1.102e-008	2.448e-003	4.365e-011	-1.808e-004	1.270e-003	1.654e-007
150	1.500e-005	2.527e-003	4.867e-006	2.141e-002	-1.336e-003	8.875e-008
151	7.890e-009	1.685e-003	-4.679e-010	6.182e-003	1.435e-003	1.881e-008

Vettori modali 95 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-1.384e-003	1.020e-003	-5.428e-005	2.674e-002	-8.251e-003	-2.890e-006
2	-8.909e-004	-9.905e-004	1.076e-004	4.759e-003	-2.180e-002	-1.133e-006
3	-4.596e-004	7.806e-004	-5.077e-005	-2.256e-002	-3.767e-002	-3.231e-007
4	-3.828e-004	-7.456e-004	1.744e-004	-1.190e-002	-2.204e-003	6.731e-007
5	3.111e-004	-1.548e-004	1.358e-003	1.543e-002	2.295e-001	-3.621e-003

Vettori modali 95 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
6	3.405e-004	1.584e-004	-1.282e-003	-1.450e-002	2.310e-001	-3.893e-003
7	2.755e-004	-1.376e-004	-2.346e-004	-1.192e-002	3.929e-003	4.919e-007
8	3.239e-004	2.390e-004	1.424e-004	-1.151e-002	2.918e-002	3.314e-007
9	3.843e-004	-3.687e-004	-6.523e-005	6.766e-003	1.567e-002	-1.503e-007
10	2.904e-004	7.026e-004	-1.590e-005	1.396e-002	2.995e-003	-6.168e-007
11	-8.630e-004	6.321e-004	-5.186e-005	-7.631e-003	3.780e-004	2.949e-003
12	-8.748e-004	-2.231e-003	8.999e-004	2.374e-002	2.973e-003	1.816e-003
13	-8.787e-004	2.123e-003	-5.677e-004	-2.284e-002	2.240e-003	2.244e-003
14	-3.147e-004	-1.921e-003	-1.813e-003	2.089e-002	-2.411e-001	-4.058e-003
15	-3.600e-004	1.801e-003	1.556e-003	-1.774e-002	-2.415e-001	-4.542e-003
16	0.000e+000	0.000e+000	0.000e+000	1.775e-002	1.922e-003	-3.660e-003
17	0.000e+000	0.000e+000	0.000e+000	-3.502e-005	-1.053e-003	9.661e-004
18	4.833e-005	3.603e-004	2.216e-004	-5.616e-003	-6.937e-004	1.514e-003
19	0.000e+000	0.000e+000	0.000e+000	-1.678e-002	1.995e-003	-4.069e-003
20	4.730e-004	-7.717e-004	1.499e-003	-1.086e-002	1.625e-001	1.133e-003
21	4.717e-004	3.649e-005	-1.295e-005	-6.638e-006	-2.014e-002	-9.871e-004
22	4.936e-004	7.457e-004	-1.334e-003	1.050e-002	1.633e-001	1.045e-003
23	-7.938e-005	-1.529e-003	-4.254e-003	-4.119e-003	8.274e-002	1.284e-003
24	2.238e-004	2.097e-005	4.982e-006	6.242e-005	-6.968e-003	1.639e-003
25	8.009e-005	1.463e-003	4.236e-003	4.234e-003	8.279e-002	1.236e-003
26	-8.676e-004	3.789e-005	1.753e-005	-2.639e-005	2.960e-004	2.465e-003
27	-1.348e-003	-2.018e-003	4.500e-003	-9.093e-003	-8.296e-002	5.812e-005
28	-1.457e-003	9.076e-006	-9.288e-006	-4.154e-005	1.620e-002	1.982e-004
29	-1.499e-003	1.912e-003	-4.552e-003	7.039e-003	-8.359e-002	4.510e-005
30	-1.088e-003	-1.868e-003	-3.122e-003	-1.150e-002	-1.689e-001	-7.681e-004
31	-9.273e-004	1.217e-005	-1.576e-005	1.589e-005	1.817e-002	-2.900e-003
32	-1.151e-003	1.775e-003	2.188e-003	1.122e-002	-1.694e-001	-7.888e-004
33	0.000e+000	-1.910e-003	0.000e+000	2.355e-002	-2.013e-003	-3.192e-003
34	0.000e+000	-3.215e-006	0.000e+000	4.091e-005	1.095e-003	2.662e-003
35	-1.151e-004	8.975e-004	-2.301e-004	-6.740e-003	7.212e-004	4.543e-003
36	0.000e+000	1.781e-003	0.000e+000	-2.030e-002	-2.079e-003	-3.740e-003
37	5.901e-002	-2.012e-002	5.896e-003	-6.595e-003	-1.264e-001	-1.984e-002
38	5.941e-002	1.835e-002	-5.755e-003	6.333e-003	-1.273e-001	-1.853e-002
39	3.804e-003	-6.619e-002	5.847e-004	-8.894e-003	1.365e-003	-2.139e-002
40	3.414e-003	6.213e-002	-3.400e-004	8.755e-003	1.744e-003	-1.982e-002
41	-6.198e-002	-2.268e-002	-6.773e-003	-1.455e-002	1.327e-001	-1.734e-002
42	-6.212e-002	2.035e-002	6.458e-003	1.270e-002	1.331e-001	-1.627e-002
43	-6.204e-002	1.089e-002	9.982e-003	-5.639e-002	-1.041e-001	-3.605e-002
44	-6.245e-002	-1.005e-002	-9.789e-003	5.143e-002	-1.047e-001	-3.317e-002
45	-1.386e-003	2.861e-002	2.242e-004	-1.762e-001	-1.155e-002	-4.459e-002
46	-1.110e-003	-2.696e-002	-8.647e-005	1.651e-001	-1.062e-002	-4.189e-002
47	6.512e-002	1.411e-002	-1.121e-002	-6.045e-002	1.092e-001	-3.063e-002
48	6.526e-002	-1.256e-002	1.087e-002	5.450e-002	1.093e-001	-2.799e-002
49	8.397e-003	9.059e-003	1.345e-002	5.030e-002	1.944e-001	-5.305e-002
50	8.581e-003	-8.512e-003	-1.322e-002	-4.466e-002	1.962e-001	-4.852e-002
51	1.779e-002	6.603e-003	6.129e-002	-3.755e-002	1.342e-001	4.779e-002
52	1.692e-002	-6.151e-003	-5.767e-002	3.545e-002	1.349e-001	4.609e-002
53	-1.898e-002	3.679e-003	-2.758e-002	-1.601e-001	7.397e-002	3.538e-002
54	-1.812e-002	-3.355e-003	2.586e-002	1.506e-001	7.370e-002	3.340e-002
55	-1.204e-003	4.949e-004	-1.718e-004	2.885e-001	1.375e-002	-6.893e-002
56	-1.166e-003	-3.212e-004	1.865e-004	-2.710e-001	1.245e-002	-6.504e-002
57	1.731e-002	4.055e-003	2.883e-002	-1.585e-001	-5.931e-002	2.903e-002
58	1.649e-002	-3.640e-003	-2.696e-002	1.489e-001	-6.047e-002	2.726e-002
59	-1.587e-002	7.328e-003	-6.140e-002	-4.251e-002	-1.324e-001	4.577e-002
60	-1.506e-002	-6.702e-003	5.772e-002	3.991e-002	-1.334e-001	4.407e-002

Vettori modali 95 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
61	-9.125e-003	1.008e-002	-1.495e-002	5.109e-002	-2.054e-001	-4.456e-002
62	-9.269e-003	-9.288e-003	1.460e-002	-4.520e-002	-2.063e-001	-4.029e-002
63	3.631e-002	-3.018e-002	-1.281e-002	2.916e-002	-1.194e-001	-5.622e-002
64	5.318e-003	1.822e-001	4.608e-004	1.850e-002	-9.625e-005	-2.156e-002
65	-3.906e-002	-3.158e-002	1.434e-002	2.827e-002	1.257e-001	-5.074e-002
66	3.579e-002	3.059e-002	1.293e-002	-3.157e-002	-1.183e-001	-6.459e-002
67	5.737e-003	-1.938e-001	-5.657e-004	-1.962e-002	-3.905e-004	-3.053e-002
68	-3.877e-002	3.252e-002	-1.454e-002	-3.052e-002	1.250e-001	-5.917e-002
69	-2.303e-002	-1.333e-002	-6.002e-003	-9.272e-002	-2.833e-003	-8.314e-003
70	1.438e-002	-1.647e-002	-2.635e-002	5.288e-002	2.223e-003	-8.876e-002
71	-4.190e-002	-1.845e-002	-1.143e-002	1.831e-003	-6.258e-003	-6.432e-002
72	-1.216e-002	-1.648e-002	2.561e-002	4.771e-002	-6.802e-003	-8.178e-002
73	2.036e-002	-1.334e-002	5.080e-003	-8.799e-002	-7.345e-003	-3.187e-003
74	-1.060e-003	-9.251e-003	7.148e-004	1.465e-001	-7.889e-003	2.415e-002
75	4.404e-002	-1.844e-002	1.300e-002	1.654e-003	7.279e-003	-6.173e-002
76	-4.165e-002	1.996e-002	1.142e-002	-3.675e-003	-6.748e-003	-7.672e-002
77	-8.956e-003	1.796e-002	-2.784e-002	-4.779e-002	-7.074e-003	-7.528e-002
78	1.735e-002	1.468e-002	-4.461e-003	9.416e-002	-7.400e-003	3.897e-003
79	-1.093e-003	1.036e-002	-9.380e-004	-1.584e-001	-7.726e-003	9.851e-003
80	-2.006e-002	1.470e-002	5.320e-003	1.002e-001	-2.597e-003	-1.422e-003
81	1.124e-002	1.799e-002	2.892e-002	-5.326e-002	2.531e-003	-8.236e-002
82	4.390e-002	2.001e-002	-1.302e-002	-3.399e-003	7.660e-003	-7.453e-002
83	-2.376e-002	-8.594e-003	-3.815e-003	-5.071e-002	1.859e-001	-7.298e-002
84	2.496e-002	8.875e-003	-4.888e-003	5.449e-002	-1.954e-001	-8.373e-002
85	-2.376e-002	8.856e-003	3.749e-003	5.500e-002	1.841e-001	-8.259e-002
86	-1.104e-003	1.333e-002	-1.058e-003	4.014e-002	6.317e-003	-1.087e-001
87	2.495e-002	-8.587e-003	4.996e-003	-5.074e-002	-1.962e-001	-7.298e-002
88	-1.230e-003	-1.277e-002	7.307e-004	-3.754e-002	4.840e-003	-9.478e-002
89	6.787e-003	8.229e-003	1.929e-002	-6.448e-002	1.821e-001	-5.266e-002
90	1.916e-002	8.109e-003	-3.710e-003	-2.167e-002	1.235e-001	4.185e-002
91	-1.774e-002	7.415e-003	-1.301e-003	2.064e-002	6.487e-002	4.071e-002
92	-2.540e-004	6.197e-003	1.542e-003	-2.763e-002	6.246e-003	-8.164e-002
93	1.810e-002	7.334e-003	2.973e-003	1.219e-002	-6.003e-002	3.900e-002
94	-1.890e-002	7.952e-003	1.170e-003	-2.348e-002	-1.263e-001	4.379e-002
95	-7.314e-003	8.007e-003	-1.941e-002	-6.015e-002	-1.926e-001	-5.305e-002
96	6.561e-003	-9.379e-003	-1.922e-002	6.768e-002	1.817e-001	-5.536e-002
97	1.976e-002	-9.348e-003	4.702e-003	2.004e-002	1.233e-001	4.243e-002
98	-1.813e-002	-8.655e-003	4.400e-004	-2.323e-002	6.491e-002	4.210e-002
99	2.104e-005	-7.349e-003	-2.022e-003	3.028e-002	6.505e-003	-8.572e-002
100	1.901e-002	-8.558e-003	-2.818e-003	-1.224e-002	-5.984e-002	4.179e-002
101	-1.999e-002	-9.160e-003	-1.332e-003	2.304e-002	-1.262e-001	4.541e-002
102	-7.206e-003	-9.114e-003	1.949e-002	6.150e-002	-1.925e-001	-5.725e-002
103	-2.229e-002	1.828e-002	-3.806e-002	-5.025e-002	-4.597e-002	6.504e-003
104	-2.221e-002	-1.927e-002	3.826e-002	4.682e-002	-4.726e-002	9.641e-003
105	3.625e-004	-1.615e-002	-2.481e-003	1.429e-002	-8.084e-004	1.047e-003
106	1.904e-004	1.508e-002	2.097e-003	-1.749e-002	5.901e-004	-2.563e-003
107	2.069e-002	-1.980e-002	-3.691e-002	5.093e-002	4.404e-002	1.209e-002
108	2.085e-002	1.876e-002	3.683e-002	-5.289e-002	4.204e-002	8.041e-003
109	-1.982e-002	1.477e-002	-3.071e-002	-2.744e-002	1.198e-001	6.291e-002
110	3.931e-005	-1.097e-002	-1.700e-003	6.797e-004	-7.600e-003	5.621e-002
111	-3.638e-006	1.116e-002	1.562e-003	-7.597e-003	-6.347e-003	5.095e-002
112	-1.983e-002	-1.461e-002	3.123e-002	2.126e-002	1.180e-001	6.773e-002
113	1.835e-002	-1.492e-002	-3.006e-002	2.331e-002	-1.134e-001	7.012e-002
114	1.836e-002	1.506e-002	2.952e-002	-2.842e-002	-1.160e-001	6.485e-002
115	1.467e-002	4.403e-004	-4.203e-004	-3.150e-003	-1.789e-001	8.627e-002

Vettori modali 95 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
116	-9.106e-003	4.936e-004	-1.015e-003	2.617e-003	-1.224e-001	-2.407e-003
117	6.826e-003	5.119e-004	1.052e-003	2.015e-003	-6.583e-002	-2.694e-002
118	-1.851e-004	4.938e-004	-7.521e-006	-4.290e-003	-9.277e-003	5.364e-002
119	-5.706e-003	5.128e-004	-1.084e-003	2.040e-003	5.579e-002	-2.859e-002
120	9.061e-003	4.958e-004	1.023e-003	2.666e-003	1.209e-001	2.107e-003
121	-1.600e-002	4.439e-004	3.699e-004	-3.493e-003	1.859e-001	8.541e-002
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	3.111e-004	-1.548e-004	1.358e-003	1.197e-002	3.109e-003	5.501e-007
124	3.405e-004	1.584e-004	-1.282e-003	-1.171e-002	-1.286e-002	3.295e-007
125	-8.630e-004	6.321e-004	-5.186e-005	-1.489e-002	1.763e-003	-6.940e-007
126	-8.748e-004	-2.231e-003	8.999e-004	3.185e-002	3.544e-003	-6.804e-007
127	-8.787e-004	2.123e-003	-5.677e-004	-2.956e-002	3.978e-004	-8.373e-007
128	3.535e-008	-3.414e-008	-1.635e-009	2.286e-002	-3.033e-003	-8.537e-007
129	5.429e-008	-1.099e-008	-4.272e-010	-5.420e-005	3.318e-003	6.111e-007
130	4.835e-005	3.603e-004	2.216e-004	1.453e-002	-5.222e-003	3.053e-008
131	1.951e-008	1.751e-008	8.598e-010	-2.101e-002	6.432e-003	-5.441e-007
132	4.730e-004	-7.717e-004	1.499e-003	-1.153e-002	-6.869e-003	-2.712e-007
133	4.936e-004	7.457e-004	-1.334e-003	1.167e-002	-2.219e-002	1.316e-007
134	-7.938e-005	-1.529e-003	-4.254e-003	-1.136e-002	-5.191e-003	4.851e-007
135	8.009e-005	1.463e-003	4.236e-003	1.050e-002	-1.970e-002	3.976e-007
136	-8.676e-004	3.790e-005	1.753e-005	2.062e-005	-1.067e-003	9.885e-008
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-8.630e-004	6.321e-004	-5.186e-005	-2.900e-002	-5.357e-003	-1.461e-006
139	-8.748e-004	-2.231e-003	8.999e-004	2.757e-002	-3.361e-003	-1.039e-007
140	-8.787e-004	2.123e-003	-5.677e-004	-3.145e-002	7.620e-003	-5.183e-007
141	-3.147e-004	-1.921e-003	-1.813e-003	2.321e-002	-9.408e-003	3.182e-006
142	-3.600e-004	1.801e-003	1.556e-003	-1.409e-002	1.479e-002	2.312e-006
143	-8.676e-004	3.789e-005	1.753e-005	-3.233e-005	5.950e-003	9.410e-007
144	-1.348e-003	-2.018e-003	4.500e-003	-1.327e-002	-3.316e-003	-6.155e-007
145	-1.499e-003	1.912e-003	-4.552e-003	1.565e-002	2.173e-002	5.087e-007
146	-1.088e-003	-1.868e-003	-3.122e-003	-1.723e-002	3.803e-003	1.612e-007
147	-1.151e-003	1.775e-003	2.188e-003	1.133e-002	3.347e-002	2.070e-008
148	-7.740e-008	-1.910e-003	-8.453e-010	2.203e-002	5.185e-003	-7.170e-007
149	-1.008e-007	-3.215e-006	3.469e-010	2.529e-005	-5.663e-003	1.038e-006
150	-1.152e-004	8.975e-004	-2.301e-004	2.563e-002	7.512e-003	-3.180e-007
151	-4.477e-008	1.781e-003	1.088e-009	-2.448e-002	-9.012e-003	-3.944e-007

Vettori modali 96 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
1	-3.403e-004	8.186e-003	2.329e-005	8.893e-002	1.804e-002	8.274e-007
2	1.508e-004	8.151e-003	3.197e-005	-6.984e-003	1.869e-003	-1.347e-006
3	-2.829e-005	8.864e-003	1.106e-004	-8.450e-002	-6.325e-002	-3.556e-007
4	9.302e-005	8.667e-003	-1.217e-004	7.207e-003	1.141e-003	2.834e-007
5	2.133e-004	2.496e-004	1.578e-003	1.966e-002	-4.190e-002	-2.845e-003
6	-7.540e-005	2.888e-004	1.605e-003	1.990e-002	2.621e-002	1.936e-003
7	1.823e-004	7.668e-004	2.290e-004	-1.253e-002	7.830e-003	-4.676e-007
8	6.140e-005	1.982e-003	3.187e-004	1.187e-001	-8.412e-002	6.790e-008
9	4.915e-004	2.271e-003	-1.524e-004	9.143e-003	-4.542e-003	1.097e-006
10	-6.603e-004	3.838e-003	5.500e-005	-1.254e-001	2.087e-002	1.359e-006
11	-2.257e-004	6.862e-003	-2.978e-005	8.163e-003	6.353e-004	-1.318e-003
12	2.901e-004	5.377e-003	-5.692e-004	2.259e-002	-1.278e-003	1.064e-003
13	-4.454e-004	5.629e-003	-6.028e-004	2.465e-002	1.705e-003	-1.450e-003
14	1.069e-004	7.539e-003	-1.308e-003	1.630e-002	4.165e-002	9.630e-004
15	-2.977e-004	7.938e-003	-1.336e-003	1.661e-002	-2.902e-002	-3.019e-003
16	0.000e+000	0.000e+000	0.000e+000	1.975e-002	-2.587e-004	-2.486e-003
17	0.000e+000	0.000e+000	0.000e+000	1.513e-004	6.611e-006	3.389e-003

Vettori modali 96 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
18	-3.058e-005	1.019e-003	8.688e-006	6.813e-003	-5.731e-005	2.188e-003
19	0.000e+000	0.000e+000	0.000e+000	2.014e-002	1.631e-004	-2.586e-004
20	1.049e-003	2.011e-003	2.942e-003	-1.043e-002	-2.989e-002	-1.175e-003
21	-3.757e-005	2.477e-003	7.312e-005	1.758e-004	-2.172e-002	-7.667e-004
22	-1.169e-003	2.174e-003	2.609e-003	-1.166e-002	1.896e-002	1.731e-003
23	1.093e-003	3.892e-003	-4.091e-003	-8.307e-003	-1.558e-002	1.166e-003
24	-6.456e-005	4.797e-003	6.741e-005	-1.333e-004	1.517e-002	6.496e-005
25	-1.074e-003	4.108e-003	-4.724e-003	-8.064e-003	1.033e-002	-1.155e-003
26	-7.842e-005	6.859e-003	3.496e-005	-7.815e-005	-8.449e-005	7.520e-004
27	3.357e-004	6.839e-003	3.653e-003	-5.534e-003	1.384e-002	-3.497e-004
28	-1.608e-004	8.103e-003	2.276e-006	1.025e-004	7.355e-003	-1.146e-004
29	-3.834e-004	7.172e-003	4.127e-003	-5.494e-003	-9.113e-003	9.190e-004
30	3.051e-004	7.526e-003	-2.080e-003	-9.519e-003	2.895e-002	2.448e-004
31	2.046e-005	8.862e-003	4.428e-005	2.509e-005	-1.118e-002	-8.867e-004
32	-8.463e-004	7.894e-003	-1.894e-003	-1.042e-002	-1.993e-002	1.798e-004
33	0.000e+000	7.525e-003	0.000e+000	1.638e-002	2.988e-004	1.574e-003
34	0.000e+000	9.101e-003	0.000e+000	-1.287e-004	-9.037e-005	2.697e-003
35	2.575e-005	9.733e-003	9.100e-006	5.494e-003	1.713e-005	6.155e-004
36	0.000e+000	7.939e-003	0.000e+000	1.674e-002	-9.756e-005	-4.365e-003
37	-1.059e-002	-4.918e-002	2.142e-003	-4.993e-003	2.255e-002	-3.455e-002
38	6.665e-003	-5.167e-002	2.496e-003	-4.720e-003	-1.421e-002	3.503e-002
39	-2.204e-004	-6.298e-002	-3.597e-004	1.022e-002	-1.048e-004	-2.724e-002
40	9.486e-004	-6.709e-002	-3.858e-004	1.026e-002	3.858e-004	2.875e-002
41	1.070e-002	-4.079e-002	-1.767e-003	1.706e-002	-2.330e-002	-3.205e-002
42	-7.590e-003	-4.296e-002	-2.000e-003	1.829e-002	1.680e-002	3.233e-002
43	1.092e-002	2.287e-002	2.541e-003	-1.376e-001	1.698e-002	-6.626e-002
44	-6.765e-003	2.388e-002	3.194e-003	-1.448e-001	-1.017e-002	6.813e-002
45	1.264e-004	2.443e-002	-1.217e-004	-1.796e-001	6.990e-004	-5.555e-002
46	-3.906e-004	2.619e-002	-1.387e-004	-1.910e-001	-2.915e-003	5.896e-002
47	-1.112e-002	1.391e-002	-2.089e-003	-1.234e-001	-1.687e-002	-6.506e-002
48	7.831e-003	1.456e-002	-2.509e-003	-1.302e-001	1.137e-002	6.769e-002
49	-4.467e-003	1.345e-002	2.746e-003	1.631e-001	-4.513e-002	-9.951e-002
50	3.839e-003	1.420e-002	3.659e-003	1.715e-001	3.235e-002	1.028e-001
51	1.847e-002	1.295e-002	5.540e-002	-7.811e-002	-3.035e-002	3.686e-002
52	-1.960e-002	1.367e-002	5.911e-002	-8.408e-002	2.269e-002	-4.017e-002
53	-1.854e-002	1.151e-002	-4.160e-002	-1.317e-001	-1.557e-002	4.123e-002
54	1.978e-002	1.215e-002	-4.446e-002	-1.402e-001	1.304e-002	-4.317e-002
55	8.264e-005	9.250e-003	1.377e-004	2.546e-001	-7.911e-004	-8.524e-002
56	-3.205e-004	9.752e-003	1.319e-004	2.711e-001	3.382e-003	9.064e-002
57	1.850e-002	1.059e-002	3.975e-002	-1.334e-001	1.464e-002	4.174e-002
58	-2.003e-002	1.118e-002	4.232e-002	-1.420e-001	-9.625e-003	-4.496e-002
59	-1.857e-002	1.116e-002	-5.526e-002	-7.201e-002	3.007e-002	3.648e-002
60	2.007e-002	1.180e-002	-5.888e-002	-7.694e-002	-2.263e-002	-4.000e-002
61	4.615e-003	1.094e-002	-2.252e-003	1.553e-001	4.551e-002	-9.969e-002
62	-4.214e-003	1.158e-002	-2.833e-003	1.636e-001	-3.564e-002	1.048e-001
63	9.859e-003	-3.922e-002	1.965e-003	-3.803e-002	-2.256e-002	1.892e-001
64	1.392e-003	-1.450e-001	4.555e-004	-3.103e-002	8.245e-005	1.912e-001
65	-1.057e-002	-4.269e-002	-1.063e-003	-3.864e-002	2.525e-002	1.891e-001
66	-1.217e-002	-3.750e-002	1.025e-003	-3.613e-002	3.068e-002	-1.841e-001
67	-3.098e-004	-1.365e-001	4.372e-004	-2.893e-002	-1.662e-004	-1.876e-001
68	1.219e-002	-4.080e-002	-5.090e-004	-3.663e-002	-3.139e-002	-1.828e-001
69	-6.718e-002	3.078e-002	-2.276e-002	8.847e-002	-4.927e-003	-1.444e-001
70	6.768e-002	3.127e-002	3.564e-002	3.734e-002	-9.418e-003	-1.478e-001
71	-4.079e-003	2.994e-002	3.513e-005	-8.603e-002	1.411e-002	2.801e-001
72	-6.761e-002	3.158e-002	-3.655e-002	3.302e-002	9.259e-003	-1.463e-001

Vettori modali 96 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
73	6.693e-002	3.094e-002	2.204e-002	9.339e-002	4.411e-003	-1.449e-001
74	6.636e-005	2.808e-002	7.611e-004	-1.701e-001	-4.364e-004	2.969e-001
75	5.018e-003	2.951e-002	8.785e-004	-8.801e-002	-1.391e-002	2.778e-001
76	6.918e-003	2.846e-002	-8.614e-004	-8.202e-002	-1.393e-002	-2.730e-001
77	6.798e-002	3.006e-002	-3.514e-002	3.405e-002	-9.640e-003	1.505e-001
78	-6.777e-002	2.950e-002	2.172e-002	8.895e-002	-5.349e-003	1.444e-001
79	-2.977e-004	2.681e-002	7.190e-004	-1.626e-001	-1.057e-003	-2.952e-001
80	6.729e-002	2.934e-002	-2.213e-002	8.442e-002	3.908e-003	1.428e-001
81	-6.750e-002	2.975e-002	3.420e-002	3.711e-002	8.874e-003	1.499e-001
82	-7.184e-003	2.802e-002	1.362e-003	-8.395e-002	1.384e-002	-2.702e-001
83	2.423e-003	8.774e-003	2.209e-003	7.611e-002	4.321e-002	2.367e-001
84	6.212e-004	7.551e-003	-1.408e-003	7.268e-002	5.634e-002	-2.242e-001
85	-8.415e-004	7.655e-003	1.890e-003	7.173e-002	-5.583e-002	-2.280e-001
86	-5.598e-004	9.829e-003	9.302e-004	7.376e-002	-1.967e-003	-2.553e-001
87	-1.836e-003	8.668e-003	-1.436e-003	7.706e-002	-4.684e-002	2.330e-001
88	3.292e-004	1.110e-002	9.813e-004	7.881e-002	3.172e-003	2.641e-001
89	6.716e-003	-2.316e-002	4.778e-003	5.464e-002	3.679e-004	8.322e-002
90	-1.583e-002	-2.564e-002	1.637e-002	-3.891e-002	5.005e-004	-2.164e-002
91	1.344e-002	-2.627e-002	-1.631e-002	-3.268e-002	6.331e-004	-3.925e-002
92	6.680e-004	-2.501e-002	1.351e-003	7.443e-002	7.657e-004	7.410e-002
93	-1.223e-002	-2.631e-002	1.786e-002	-4.007e-002	-6.589e-004	-3.582e-002
94	1.466e-002	-2.572e-002	-1.857e-002	-4.041e-002	-2.084e-003	-1.947e-002
95	-6.706e-003	-2.327e-002	-4.441e-003	6.039e-002	-3.508e-003	7.872e-002
96	-7.198e-003	-2.246e-002	6.018e-003	4.810e-002	-1.262e-002	-7.723e-002
97	1.410e-002	-2.488e-002	1.575e-002	-3.907e-002	-8.201e-003	1.746e-002
98	-1.167e-002	-2.552e-002	-1.592e-002	-3.084e-002	-3.783e-003	3.574e-002
99	-6.685e-004	-2.432e-002	1.117e-003	6.971e-002	6.352e-004	-6.680e-002
100	1.059e-002	-2.555e-002	1.714e-002	-3.696e-002	4.644e-003	3.224e-002
101	-1.297e-002	-2.494e-002	-1.753e-002	-4.007e-002	8.652e-003	1.578e-002
102	7.039e-003	-2.253e-002	-5.585e-003	5.320e-002	1.266e-002	-7.283e-002
103	-4.097e-003	-2.264e-002	2.593e-004	-4.960e-002	5.508e-002	-7.458e-002
104	5.115e-003	-2.073e-002	-1.751e-003	-5.523e-002	-5.322e-002	7.381e-002
105	-3.415e-004	-2.221e-002	8.089e-004	-5.964e-002	3.240e-003	8.087e-002
106	4.451e-004	-2.391e-002	1.171e-003	-5.628e-002	-3.016e-003	-8.109e-002
107	-5.311e-003	-2.064e-002	2.237e-003	-5.965e-002	5.280e-002	7.114e-002
108	3.881e-003	-2.247e-002	-1.905e-004	-5.445e-002	-5.571e-002	-7.168e-002
109	-5.182e-006	1.934e-003	1.192e-002	-1.184e-001	6.324e-002	-1.093e-001
110	-6.797e-005	4.244e-003	3.457e-004	-1.471e-001	1.894e-003	1.079e-001
111	1.417e-004	2.960e-003	6.214e-004	-1.456e-001	-3.018e-003	-1.138e-001
112	8.669e-004	3.456e-003	1.033e-002	-1.212e-001	-6.946e-002	1.026e-001
113	-1.070e-003	3.503e-003	-9.833e-003	-1.249e-001	6.982e-002	1.013e-001
114	-2.004e-004	2.030e-003	-1.180e-002	-1.223e-001	-6.225e-002	-1.078e-001
115	-5.122e-004	1.824e-002	-1.837e-002	-1.492e-001	5.890e-003	-4.332e-003
116	6.630e-004	2.051e-002	-4.708e-002	1.214e-001	3.663e-003	7.101e-004
117	-5.462e-004	2.130e-002	4.938e-002	9.285e-002	1.437e-003	1.707e-003
118	2.097e-005	2.055e-002	2.573e-004	-1.928e-001	-7.903e-004	-3.469e-003
119	7.200e-004	2.129e-002	-4.890e-002	9.155e-002	-2.112e-003	1.760e-003
120	-7.454e-004	2.049e-002	4.667e-002	1.208e-001	-3.433e-003	1.287e-003
121	3.294e-004	1.822e-002	1.872e-002	-1.460e-001	-4.754e-003	-4.432e-003
122	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
123	2.133e-004	2.496e-004	1.578e-003	2.964e-002	2.489e-003	3.673e-006
124	-7.543e-005	2.888e-004	1.605e-003	4.692e-003	2.561e-002	-3.231e-006
125	-2.257e-004	6.862e-003	-2.978e-005	1.218e-001	-5.276e-004	-7.400e-007
126	2.901e-004	5.377e-003	-5.692e-004	1.991e-002	-2.862e-003	2.664e-006
127	-4.454e-004	5.629e-003	-6.028e-004	4.633e-002	2.959e-003	-2.082e-006

Vettori modali 96 (Sistema globale)						
N° Nodo	***DX***	***DY***	***DZ***	***RX***	***RY***	***RZ***
128	3.161e-008	1.342e-007	8.496e-009	5.957e-003	-4.452e-003	6.795e-007
129	2.716e-008	2.344e-007	2.441e-009	-5.205e-004	4.492e-003	-6.687e-007
130	-3.059e-005	1.019e-003	8.688e-006	-1.290e-001	-4.717e-003	-5.649e-007
131	-2.929e-008	8.060e-008	4.950e-009	3.237e-002	4.476e-003	-7.509e-007
132	1.049e-003	2.011e-003	2.942e-003	-2.272e-002	2.165e-002	8.212e-007
133	-1.169e-003	2.174e-003	2.609e-003	2.032e-004	1.397e-001	-4.792e-007
134	1.093e-003	3.892e-003	-4.091e-003	-5.721e-003	-2.704e-002	-2.233e-006
135	-1.074e-003	4.108e-003	-4.724e-003	-2.969e-002	-3.479e-002	5.404e-007
136	-7.844e-005	6.859e-003	3.496e-005	2.588e-004	1.121e-003	7.448e-007
137	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000	0.000e+000
138	-2.257e-004	6.862e-003	-2.978e-005	-8.399e-002	1.067e-002	2.174e-006
139	2.901e-004	5.377e-003	-5.692e-004	-1.240e-002	8.447e-003	-1.933e-006
140	-4.454e-004	5.629e-003	-6.028e-004	1.895e-002	-8.323e-003	2.899e-006
141	1.069e-004	7.539e-003	-1.308e-003	5.486e-002	-2.204e-002	-1.151e-007
142	-2.977e-004	7.938e-003	-1.336e-003	2.577e-002	4.499e-002	-2.120e-007
143	-7.840e-005	6.859e-003	3.496e-005	-3.259e-004	-1.011e-002	7.149e-008
144	3.357e-004	6.839e-003	3.653e-003	2.909e-002	3.080e-003	1.963e-006
145	-3.834e-004	7.172e-003	4.127e-003	-4.122e-004	-6.294e-002	-1.271e-006
146	3.051e-004	7.526e-003	-2.080e-003	-5.168e-002	-9.979e-003	-2.043e-006
147	-8.463e-004	7.894e-003	-1.894e-003	-2.342e-002	1.328e-001	-4.425e-007
148	-2.506e-008	7.525e-003	1.785e-009	-2.120e-002	-3.488e-003	-4.056e-007
149	-2.667e-008	9.101e-003	6.053e-011	-1.734e-004	3.317e-003	8.979e-007
150	2.576e-005	9.733e-003	9.101e-006	9.371e-002	-3.556e-003	1.284e-007
151	1.448e-008	7.939e-003	5.688e-010	7.868e-003	3.781e-003	3.529e-007

Masse modali 1 (Sistema globale)			
N° Nodo	***Mx(T)***	***My(T)***	***Mz(T)***
1	0.01	0.01	0.01
2	0.01	0.01	0.01
3	0.01	0.01	0.01
4	0.00	0.00	0.00
5	0.01	0.01	0.01
6	0.01	0.01	0.01
7	0.00	0.00	0.00
8	0.01	0.01	0.01
9	0.01	0.01	0.01
10	0.01	0.01	0.01
11	0.01	0.01	0.01
12	0.03	0.03	0.03
13	0.03	0.03	0.03
14	0.01	0.01	0.01
15	0.01	0.01	0.01
16	0.00	0.00	0.00
17	0.00	0.00	0.00
18	0.01	0.01	0.01
19	0.00	0.00	0.00
20	0.01	0.01	0.01
21	0.02	0.02	0.02
22	0.01	0.01	0.01
23	0.02	0.02	0.02
24	0.03	0.03	0.03
25	0.02	0.02	0.02
26	0.03	0.03	0.03
27	0.02	0.02	0.02
28	0.03	0.03	0.03
29	0.02	0.02	0.02

Masse modali 1 (Sistema globale)			
N° Nodo	***Mx(T)***	***My(T)***	***Mz(T)***
30	0.01	0.01	0.01
31	0.02	0.02	0.02
32	0.01	0.01	0.01
33	0.00	0.00	0.00
34	0.00	0.00	0.00
35	0.01	0.01	0.01
36	0.00	0.00	0.00
37	0.01	0.01	0.01
38	0.01	0.01	0.01
39	0.01	0.01	0.01
40	0.01	0.01	0.01
41	0.01	0.01	0.01
42	0.01	0.01	0.01
43	0.01	0.01	0.01
44	0.01	0.01	0.01
45	0.01	0.01	0.01
46	0.01	0.01	0.01
47	0.01	0.01	0.01
48	0.01	0.01	0.01
49	0.01	0.01	0.01
50	0.01	0.01	0.01
51	0.01	0.01	0.01
52	0.01	0.01	0.01
53	0.01	0.01	0.01
54	0.01	0.01	0.01
55	0.01	0.01	0.01
56	0.01	0.01	0.01
57	0.01	0.01	0.01
58	0.01	0.01	0.01
59	0.01	0.01	0.01
60	0.01	0.01	0.01
61	0.01	0.01	0.01
62	0.01	0.01	0.01
63	0.01	0.01	0.01
64	0.01	0.01	0.01
65	0.01	0.01	0.01
66	0.01	0.01	0.01
67	0.01	0.01	0.01
68	0.01	0.01	0.01
69	0.01	0.01	0.01
70	0.01	0.01	0.01
71	0.01	0.01	0.01
72	0.01	0.01	0.01
73	0.01	0.01	0.01
74	0.01	0.01	0.01
75	0.01	0.01	0.01
76	0.01	0.01	0.01
77	0.01	0.01	0.01
78	0.01	0.01	0.01
79	0.01	0.01	0.01
80	0.01	0.01	0.01
81	0.01	0.01	0.01
82	0.01	0.01	0.01
83	0.00	0.00	0.00
84	0.00	0.00	0.00

Masse modali 1 (Sistema globale)			
N° Nodo	***Mx(T)***	***My(T)***	***Mz(T)***
85	0.00	0.00	0.00
86	0.00	0.00	0.00
87	0.00	0.00	0.00
88	0.00	0.00	0.00
89	0.00	0.00	0.00
90	0.01	0.01	0.01
91	0.01	0.01	0.01
92	0.01	0.01	0.01
93	0.01	0.01	0.01
94	0.01	0.01	0.01
95	0.00	0.00	0.00
96	0.00	0.00	0.00
97	0.01	0.01	0.01
98	0.01	0.01	0.01
99	0.01	0.01	0.01
100	0.01	0.01	0.01
101	0.01	0.01	0.01
102	0.00	0.00	0.00
103	0.00	0.00	0.00
104	0.00	0.00	0.00
105	0.00	0.00	0.00
106	0.00	0.00	0.00
107	0.00	0.00	0.00
108	0.00	0.00	0.00
109	0.00	0.00	0.00
110	0.00	0.00	0.00
111	0.00	0.00	0.00
112	0.00	0.00	0.00
113	0.00	0.00	0.00
114	0.00	0.00	0.00
115	0.00	0.00	0.00
116	0.01	0.01	0.01
117	0.01	0.01	0.01
118	0.01	0.01	0.01
119	0.01	0.01	0.01
120	0.01	0.01	0.01
121	0.00	0.00	0.00
122	0.00	0.00	0.00
123	0.00	0.00	0.00
124	0.00	0.00	0.00
125	0.00	0.00	0.00
126	0.00	0.00	0.00
127	0.00	0.00	0.00
128	0.00	0.00	0.00
129	0.00	0.00	0.00
130	0.00	0.00	0.00
131	0.00	0.00	0.00
132	0.00	0.00	0.00
133	0.00	0.00	0.00
134	0.01	0.01	0.01
135	0.00	0.00	0.00
136	0.00	0.00	0.00
137	0.00	0.00	0.00
138	0.00	0.00	0.00
139	0.00	0.00	0.00

Masse modali 1 (Sistema globale)			
N° Nodo	***Mx(T)***	***My(T)***	***Mz(T)***
140	0.00	0.00	0.00
141	0.00	0.00	0.00
142	0.00	0.00	0.00
143	0.00	0.00	0.00
144	0.01	0.01	0.01
145	0.00	0.00	0.00
146	0.00	0.00	0.00
147	0.00	0.00	0.00
148	0.00	0.00	0.00
149	0.00	0.00	0.00
150	0.00	0.00	0.00
151	0.00	0.00	0.00

Massa totale eccitata					
Baricentro			***Componenti***		
Xm (m)	***Ym (m)***	***Zm (m)***	***MX (T)***	***MY (T)***	***MZ (T)***
0.71	1.50	0.98	0.95	0.95	0.95

Risultati sismici per modo

Caso di carico sismico N° 5 EX					
Modo N°	***Massa Modale su X***		***Fattore di partecipazione***	***Accelerazione sismica***	***Fattore di struttura***
	(T)	***(%)***	***(-)***	***m/s²***	***adim***
1	0.40	42.43	20.04	4.8917	1.000
2	0.00	0.000	-0.003	3.8300	1.000
3	0.00	0.000	0.000	3.5222	1.000
4	0.00	0.000	0.006	2.7145	1.000
5	0.00	0.000	0.000	2.6171	1.000
6	0.00	0.000	0.005	2.5529	1.000
7	0.00	0.000	0.027	2.5244	1.000
8	0.03	3.120	-5.434	2.4915	1.000
9	0.00	0.071	0.817	2.4871	1.000
10	0.00	0.000	0.008	2.4813	1.000
11	0.00	0.063	-0.771	2.4518	1.000
12	0.00	0.000	0.017	2.4236	1.000
13	0.00	0.045	0.653	2.4181	1.000
14	0.00	0.000	0.001	2.3997	1.000
15	0.00	0.000	-0.032	2.3947	1.000
16	0.00	0.000	0.028	2.3846	1.000
17	0.00	0.002	0.128	2.3842	1.000
18	0.00	0.000	0.055	2.3302	1.000
19	0.00	0.002	0.124	2.3291	1.000
20	0.00	0.012	0.343	2.3090	1.000
21	0.00	0.000	-0.005	2.2979	1.000
22	0.00	0.000	-0.049	2.2953	1.000
23	0.00	0.000	0.000	2.2693	1.000
24	0.00	0.000	0.031	2.2458	1.000
25	0.00	0.000	-0.020	2.2456	1.000
26	0.00	0.000	0.005	2.2270	1.000
27	0.00	0.000	0.000	2.2155	1.000
28	0.00	0.001	0.105	2.2116	1.000
29	0.00	0.000	-0.011	2.2107	1.000
30	0.00	0.000	0.000	2.2038	1.000
31	0.01	1.109	3.240	2.2009	1.000
32	0.00	0.000	0.032	2.1993	1.000

Caso di carico sismico N° 5 EX					
33	0.00	0.000	-0.001	2.1967	1.000
34	0.00	0.001	0.072	2.1907	1.000
35	0.00	0.000	-0.007	2.1896	1.000
36	0.00	0.001	0.075	2.1849	1.000
37	0.00	0.000	0.001	2.1824	1.000
38	0.00	0.030	-0.533	2.1815	1.000
39	0.00	0.000	0.049	2.1775	1.000
40	0.00	0.000	-0.001	2.1764	1.000
41	0.00	0.000	-0.029	2.1747	1.000
42	0.00	0.056	-0.725	2.1736	1.000
43	0.00	0.060	0.751	2.1735	1.000
44	0.00	0.000	-0.011	2.1702	1.000
45	0.00	0.000	0.037	2.1692	1.000
46	0.00	0.002	-0.141	2.1683	1.000
47	0.00	0.004	-0.190	2.1682	1.000
48	0.00	0.005	0.207	2.1665	1.000
49	0.01	1.164	-3.319	2.1661	1.000
50	0.02	2.061	4.417	2.1660	1.000
51	0.00	0.000	0.004	2.1638	1.000
52	0.00	0.000	-0.034	2.1616	1.000
53	0.00	0.000	0.021	2.1608	1.000
54	0.00	0.058	0.739	2.1598	1.000
55	0.00	0.002	0.141	2.1588	1.000
56	0.00	0.160	-1.230	2.1562	1.000
57	0.00	0.000	0.024	2.1530	1.000
58	0.00	0.000	0.034	2.1517	1.000
59	0.00	0.004	0.194	2.1512	1.000
60	0.00	0.124	-1.083	2.1500	1.000
61	0.00	0.000	-0.001	2.1495	1.000
62	0.00	0.005	-0.208	2.1475	1.000
63	0.00	0.000	-0.003	2.1466	1.000
64	0.01	1.212	-3.387	2.1456	1.000
65	0.11	12.143	-10.720	2.1449	1.000
66	0.00	0.065	-0.785	2.1445	1.000
67	0.00	0.000	-0.052	2.1438	1.000
68	0.19	19.912	13.728	2.1427	1.000
69	0.01	0.583	-2.348	2.1417	1.000
70	0.00	0.182	-1.313	2.1409	1.000
71	0.01	0.703	2.580	2.1357	1.000
72	0.00	0.157	1.220	2.1345	1.000
73	0.00	0.007	-0.251	2.1328	1.000
74	0.00	0.002	0.151	2.1300	1.000
75	0.00	0.180	-1.306	2.1295	1.000
76	0.00	0.065	-0.787	2.1293	1.000
77	0.00	0.000	-0.012	2.1279	1.000
78	0.00	0.000	-0.030	2.1234	1.000
79	0.00	0.000	0.006	2.1227	1.000
80	0.00	0.022	0.458	2.1218	1.000
81	0.00	0.000	0.008	2.1201	1.000
82	0.00	0.000	0.007	2.1195	1.000
83	0.00	0.000	0.004	2.1179	1.000
84	0.00	0.000	-0.028	2.1170	1.000
85	0.00	0.004	-0.197	2.1162	1.000
86	0.00	0.000	-0.031	2.1157	1.000
87	0.00	0.002	0.124	2.1154	1.000
88	0.00	0.001	-0.077	2.1145	1.000

Caso di carico sismico N° 5 EX					
89	0.00	0.003	0.164	2.1131	1.000
90	0.00	0.011	0.325	2.1129	1.000
91	0.00	0.012	0.337	2.1101	1.000
92	0.00	0.000	-0.029	2.1093	1.000
93	0.00	0.087	-0.907	2.1092	1.000
94	0.00	0.000	-0.018	2.1092	1.000
95	0.00	0.006	-0.230	2.1089	1.000
96	0.00	0.000	-0.028	2.1085	1.000
residuo	0.13	14.046			
Totale	0.95	100.000			Imposto: 1.000

Caso di carico sismico N° 6 EY					
Modo N°	***Massa Modale su Y***		***Fattore di partecipazione***	***Accelerazione sismica***	***Fattore di struttura***
	(T)	***(%)***	***(-)***	***m/s²***	***adim***
1	0.00	0.00	0.00	4.8917	1.000
2	0.00	0.000	-0.014	3.8300	1.000
3	0.41	42.877	20.145	3.5222	1.000
4	0.00	0.000	0.001	2.7145	1.000
5	0.00	0.034	-0.570	2.6171	1.000
6	0.00	0.000	-0.057	2.5529	1.000
7	0.00	0.000	0.001	2.5244	1.000
8	0.00	0.000	-0.003	2.4915	1.000
9	0.00	0.000	-0.033	2.4871	1.000
10	0.00	0.000	-0.026	2.4813	1.000
11	0.00	0.000	-0.041	2.4518	1.000
12	0.00	0.000	-0.000	2.4236	1.000
13	0.00	0.000	-0.004	2.4181	1.000
14	0.00	0.000	-0.000	2.3997	1.000
15	0.00	0.004	-0.190	2.3947	1.000
16	0.02	2.115	4.474	2.3846	1.000
17	0.00	0.105	-0.998	2.3842	1.000
18	0.00	0.001	-0.098	2.3302	1.000
19	0.00	0.003	-0.180	2.3291	1.000
20	0.00	0.000	-0.002	2.3090	1.000
21	0.00	0.000	-0.011	2.2979	1.000
22	0.00	0.000	-0.000	2.2953	1.000
23	0.00	0.020	0.437	2.2693	1.000
24	0.00	0.000	0.062	2.2458	1.000
25	0.00	0.000	-0.026	2.2456	1.000
26	0.00	0.000	-0.002	2.2270	1.000
27	0.00	0.001	0.094	2.2155	1.000
28	0.00	0.000	0.003	2.2116	1.000
29	0.00	0.000	0.001	2.2107	1.000
30	0.00	0.025	0.486	2.2038	1.000
31	0.00	0.000	0.005	2.2009	1.000
32	0.00	0.000	-0.013	2.1993	1.000
33	0.00	0.242	-1.514	2.1967	1.000
34	0.00	0.000	-0.010	2.1907	1.000
35	0.00	0.008	-0.278	2.1896	1.000
36	0.00	0.000	0.006	2.1849	1.000
37	0.00	0.024	-0.477	2.1824	1.000
38	0.00	0.000	-0.000	2.1815	1.000
39	0.00	0.000	0.053	2.1775	1.000
40	0.00	0.001	0.117	2.1764	1.000
41	0.00	0.000	0.005	2.1747	1.000
42	0.00	0.016	0.386	2.1736	1.000

Caso di carico sismico N° 6 EY					
43	0.00	0.017	0.396	2.1735	1.000
44	0.00	0.000	0.027	2.1702	1.000
45	0.00	0.042	-0.629	2.1692	1.000
46	0.00	0.006	-0.232	2.1683	1.000
47	0.00	0.001	0.096	2.1682	1.000
48	0.00	0.000	-0.017	2.1665	1.000
49	0.00	0.001	-0.119	2.1661	1.000
50	0.00	0.000	-0.053	2.1660	1.000
51	0.00	0.009	-0.292	2.1638	1.000
52	0.00	0.011	-0.320	2.1616	1.000
53	0.00	0.002	-0.148	2.1608	1.000
54	0.00	0.000	0.022	2.1598	1.000
55	0.00	0.000	0.020	2.1588	1.000
56	0.00	0.000	-0.000	2.1562	1.000
57	0.02	2.581	4.943	2.1530	1.000
58	0.00	0.000	-0.043	2.1517	1.000
59	0.00	0.000	-0.001	2.1512	1.000
60	0.00	0.000	-0.015	2.1500	1.000
61	0.00	0.000	0.067	2.1495	1.000
62	0.00	0.000	-0.013	2.1475	1.000
63	0.00	0.026	-0.492	2.1466	1.000
64	0.00	0.000	0.038	2.1456	1.000
65	0.00	0.002	-0.134	2.1449	1.000
66	0.00	0.020	0.435	2.1445	1.000
67	0.00	0.004	-0.206	2.1438	1.000
68	0.00	0.001	0.087	2.1427	1.000
69	0.00	0.008	-0.282	2.1417	1.000
70	0.00	0.010	0.303	2.1409	1.000
71	0.00	0.000	-0.001	2.1357	1.000
72	0.00	0.000	-0.022	2.1345	1.000
73	0.00	0.037	-0.591	2.1328	1.000
74	0.00	0.000	0.018	2.1300	1.000
75	0.00	0.000	0.011	2.1295	1.000
76	0.00	0.000	0.002	2.1293	1.000
77	0.00	0.000	0.063	2.1279	1.000
78	0.01	1.121	3.258	2.1234	1.000
79	0.00	0.089	-0.918	2.1227	1.000
80	0.00	0.000	0.031	2.1218	1.000
81	0.00	0.001	-0.090	2.1201	1.000
82	0.00	0.000	-0.013	2.1195	1.000
83	0.00	0.011	-0.324	2.1179	1.000
84	0.00	0.031	0.539	2.1170	1.000
85	0.34	35.484	18.326	2.1162	1.000
86	0.03	3.629	5.860	2.1157	1.000
87	0.00	0.012	-0.337	2.1154	1.000
88	0.01	0.705	2.584	2.1145	1.000
89	0.00	0.089	-0.916	2.1131	1.000
90	0.00	0.028	0.519	2.1129	1.000
91	0.00	0.000	0.044	2.1101	1.000
92	0.00	0.000	-0.007	2.1093	1.000
93	0.00	0.000	0.025	2.1092	1.000
94	0.00	0.020	0.438	2.1092	1.000
95	0.00	0.000	-0.017	2.1089	1.000
96	0.00	0.318	1.734	2.1085	1.000
residuo	0.10	10.204			
Totale	0.95	100.000			Imposto: 1.000

Energia modale: Modo 1	
Sottosistemi	***Energia(J)***
0 - Struttura	0.04
1 - TRAVI	166.71
2 - MONTANTI	436.87
3 - CORRENTI ORIZZONTALI	31.31
17 - COPERTURA	200.12
Σ	**835.05**

Energia modale: Modo 2	
Sottosistemi	***Energia(J)***
0 - Struttura	0.07
1 - TRAVI	297.68
2 - MONTANTI	1592.23
3 - CORRENTI ORIZZONTALI	645.58
17 - COPERTURA	191.45
Σ	**2727.01**

Energia modale: Modo 3	
Sottosistemi	***Energia(J)***
0 - Struttura	0.13
1 - TRAVI	63.32
2 - MONTANTI	2578.01
3 - CORRENTI ORIZZONTALI	1264.80
17 - COPERTURA	93.46
Σ	**3999.72**

Energia modale: Modo 4	
Sottosistemi	***Energia(J)***
0 - Struttura	0.42
1 - TRAVI	1770.86
2 - MONTANTI	12111.82
3 - CORRENTI ORIZZONTALI	233.00
17 - COPERTURA	5988.84
Σ	**20104.94**

Energia modale: Modo 5	
Sottosistemi	***Energia(J)***
0 - Struttura	0.02
1 - TRAVI	2623.77
2 - MONTANTI	14622.39
3 - CORRENTI ORIZZONTALI	2807.14
17 - COPERTURA	7755.00
Σ	**27808.32**

Energia modale: Modo 6	
Sottosistemi	***Energia(J)***
0 - Struttura	84.95
1 - TRAVI	19799.03
2 - MONTANTI	4468.71
3 - CORRENTI ORIZZONTALI	5963.90
17 - COPERTURA	2916.71
Σ	**33233.29**

Energia modale: Modo 7	
Sottosistemi	***Energia(J)***
0 - Struttura	1.20
1 - TRAVI	1606.57
2 - MONTANTI	18508.73
3 - CORRENTI ORIZZONTALI	3845.72
17 - COPERTURA	16172.24
Σ	**40134.46**

Energia modale: Modo 8	
Sottosistemi	***Energia(J)***
0 - Struttura	8.25
1 - TRAVI	2867.35
2 - MONTANTI	28262.85
3 - CORRENTI ORIZZONTALI	949.47
17 - COPERTURA	14356.34
Σ	**46444.27**

Energia modale: Modo 9	
Sottosistemi	***Energia(J)***
0 - Struttura	984.34
1 - TRAVI	17122.63
2 - MONTANTI	6738.98
3 - CORRENTI ORIZZONTALI	5041.62
17 - COPERTURA	3112.64
Σ	**33000.21**

Energia modale: Modo 10	
Sottosistemi	***Energia(J)***
0 - Struttura	1773.58
1 - TRAVI	14616.71
2 - MONTANTI	18.93
3 - CORRENTI ORIZZONTALI	3.43
17 - COPERTURA	2.57
Σ	**16415.21**

Energia modale: Modo 11	
Sottosistemi	***Energia(J)***
0 - Struttura	1350.64
1 - TRAVI	19144.49
2 - MONTANTI	7910.91
3 - CORRENTI ORIZZONTALI	6340.76
17 - COPERTURA	4062.97
Σ	**38809.77**

Energia modale: Modo 12	
Sottosistemi	***Energia(J)***
0 - Struttura	0.74
1 - TRAVI	3324.29
2 - MONTANTI	35665.11
3 - CORRENTI ORIZZONTALI	8083.20
17 - COPERTURA	18703.56
Σ	**65776.89**

Energia modale: Modo 13	
Sottosistemi	***Energia(J)***
0 - Struttura	37.02
1 - TRAVI	2210.93
2 - MONTANTI	17187.65
3 - CORRENTI ORIZZONTALI	21946.45
17 - COPERTURA	26121.38
Σ	**67503.43**

Energia modale: Modo 14	
Sottosistemi	***Energia(J)***
0 - Struttura	1.77
1 - TRAVI	3775.78
2 - MONTANTI	30589.24
3 - CORRENTI ORIZZONTALI	27467.56
17 - COPERTURA	13632.04
Σ	**75466.39**

Energia modale: Modo 15	
Sottosistemi	***Energia(J)***
0 - Struttura	6400.76
1 - TRAVI	11540.10
2 - MONTANTI	116.28
3 - CORRENTI ORIZZONTALI	27.57
17 - COPERTURA	15.00
Σ	**18099.71**

Energia modale: Modo 16	
Sottosistemi	***Energia(J)***
0 - Struttura	270.21
1 - TRAVI	2144.37
2 - MONTANTI	49840.52
3 - CORRENTI ORIZZONTALI	17150.31
17 - COPERTURA	9954.16
Σ	**79359.57**

Energia modale: Modo 17	
Sottosistemi	***Energia(J)***
0 - Struttura	5990.34
1 - TRAVI	11584.45
2 - MONTANTI	3566.11
3 - CORRENTI ORIZZONTALI	1586.57
17 - COPERTURA	1001.41
Σ	**23728.87**

Energia modale: Modo 18	
Sottosistemi	***Energia(J)***
0 - Struttura	9066.43
1 - TRAVI	25791.77
2 - MONTANTI	40.23
3 - CORRENTI ORIZZONTALI	6.08
17 - COPERTURA	2.52
Σ	**34907.03**

Energia modale: Modo 19	
Sottosistemi	***Energia(J)***
0 - Struttura	11215.26
1 - TRAVI	25222.72
2 - MONTANTI	245.82
3 - CORRENTI ORIZZONTALI	65.81
17 - COPERTURA	129.98
Σ	**36879.58**

Energia modale: Modo 20	
Sottosistemi	***Energia(J)***
0 - Struttura	10.92
1 - TRAVI	3458.90
2 - MONTANTI	48919.22
3 - CORRENTI ORIZZONTALI	28632.28
17 - COPERTURA	60680.91
Σ	**141702.23**

Energia modale: Modo 21	
Sottosistemi	***Energia(J)***
0 - Struttura	79.73
1 - TRAVI	3617.42
2 - MONTANTI	78650.51
3 - CORRENTI ORIZZONTALI	6078.83
17 - COPERTURA	66590.68
Σ	**155017.17**

Energia modale: Modo 22	
Sottosistemi	***Energia(J)***
0 - Struttura	4.30
1 - TRAVI	1252.27
2 - MONTANTI	63973.38
3 - CORRENTI ORIZZONTALI	19852.74
17 - COPERTURA	73862.82
Σ	**158945.51**

Energia modale: Modo 23	
Sottosistemi	***Energia(J)***
0 - Struttura	1.82
1 - TRAVI	5525.13
2 - MONTANTI	96946.14
3 - CORRENTI ORIZZONTALI	15475.83
17 - COPERTURA	83926.57
Σ	**201875.50**

Energia modale: Modo 24	
Sottosistemi	***Energia(J)***
0 - Struttura	16961.48
1 - TRAVI	22922.29
2 - MONTANTI	33.90
3 - CORRENTI ORIZZONTALI	6.92
17 - COPERTURA	4.22
Σ	**39928.80**

Energia modale: Modo 25	
Sottosistemi	***Energia(J)***
0 - Struttura	21594.77
1 - TRAVI	23319.49
2 - MONTANTI	509.17
3 - CORRENTI ORIZZONTALI	146.33
17 - COPERTURA	118.30
Σ	**45688.06**

Energia modale: Modo 26	
Sottosistemi	***Energia(J)***
0 - Struttura	7.40
1 - TRAVI	11466.96
2 - MONTANTI	142150.53
3 - CORRENTI ORIZZONTALI	40233.75
17 - COPERTURA	126470.67
Σ	**320329.32**

Energia modale: Modo 27	
Sottosistemi	***Energia(J)***
0 - Struttura	2.18
1 - TRAVI	5457.81
2 - MONTANTI	43147.66
3 - CORRENTI ORIZZONTALI	145026.31
17 - COPERTURA	176880.91
Σ	**370514.87**

Energia modale: Modo 28	
Sottosistemi	***Energia(J)***
0 - Struttura	527.98
1 - TRAVI	275554.68
2 - MONTANTI	75490.39
3 - CORRENTI ORIZZONTALI	13201.90
17 - COPERTURA	15534.66
Σ	**380309.62**

Energia modale: Modo 29	
Sottosistemi	***Energia(J)***
0 - Struttura	0.90
1 - TRAVI	11183.74
2 - MONTANTI	157327.42
3 - CORRENTI ORIZZONTALI	198548.35
17 - COPERTURA	28188.08
Σ	**395248.49**

Energia modale: Modo 30	
Sottosistemi	***Energia(J)***
0 - Struttura	2.19
1 - TRAVI	9186.29
2 - MONTANTI	155865.03
3 - CORRENTI ORIZZONTALI	185106.82
17 - COPERTURA	84820.26
Σ	**434980.59**

Energia modale: Modo 31	
Sottosistemi	***Energia(J)***
0 - Struttura	164.71
1 - TRAVI	12181.87
2 - MONTANTI	259855.53
3 - CORRENTI ORIZZONTALI	21428.83
17 - COPERTURA	159062.16
Σ	**452693.11**

Energia modale: Modo 32	
Sottosistemi	***Energia(J)***
0 - Struttura	12.10
1 - TRAVI	19748.63
2 - MONTANTI	130840.12
3 - CORRENTI ORIZZONTALI	120872.55
17 - COPERTURA	193243.97
Σ	**464717.37**

Energia modale: Modo 33	
Sottosistemi	***Energia(J)***
0 - Struttura	14.03
1 - TRAVI	6632.93
2 - MONTANTI	107184.69
3 - CORRENTI ORIZZONTALI	66589.60
17 - COPERTURA	302368.03
Σ	**482789.28**

Energia modale: Modo 34	
Sottosistemi	***Energia(J)***
0 - Struttura	23.95
1 - TRAVI	27760.13
2 - MONTANTI	195668.12
3 - CORRENTI ORIZZONTALI	174447.74
17 - COPERTURA	131811.51
Σ	**529711.44**

Energia modale: Modo 35	
Sottosistemi	***Energia(J)***
0 - Struttura	27.18
1 - TRAVI	45380.33
2 - MONTANTI	232520.97
3 - CORRENTI ORIZZONTALI	153738.73
17 - COPERTURA	107331.14
Σ	**538998.34**

Energia modale: Modo 36	
Sottosistemi	***Energia(J)***
0 - Struttura	16.79
1 - TRAVI	21770.73
2 - MONTANTI	196282.46
3 - CORRENTI ORIZZONTALI	262536.56
17 - COPERTURA	101791.40
Σ	**582397.95**

Energia modale: Modo 37	
Sottosistemi	***Energia(J)***
0 - Struttura	13.45
1 - TRAVI	12400.18
2 - MONTANTI	153789.01
3 - CORRENTI ORIZZONTALI	96345.22
17 - COPERTURA	343818.01
Σ	**606365.87**

Energia modale: Modo 38	
Sottosistemi	***Energia(J)***
0 - Struttura	81.15
1 - TRAVI	14779.54
2 - MONTANTI	313367.95
3 - CORRENTI ORIZZONTALI	96415.32
17 - COPERTURA	191310.38
Σ	**615954.34**

Energia modale: Modo 39	
Sottosistemi	***Energia(J)***
0 - Struttura	68.25
1 - TRAVI	31554.23
2 - MONTANTI	370956.09
3 - CORRENTI ORIZZONTALI	53485.43
17 - COPERTURA	203408.91
Σ	**659472.91**

Energia modale: Modo 40	
Sottosistemi	***Energia(J)***
0 - Struttura	5.88
1 - TRAVI	10513.96
2 - MONTANTI	71465.17
3 - CORRENTI ORIZZONTALI	182407.32
17 - COPERTURA	408684.88
Σ	**673077.22**

Energia modale: Modo 41	
Sottosistemi	***Energia(J)***
0 - Struttura	28.00
1 - TRAVI	38444.41
2 - MONTANTI	237095.30
3 - CORRENTI ORIZZONTALI	127303.66
17 - COPERTURA	291009.85
Σ	**693881.22**

Energia modale: Modo 42	
Sottosistemi	***Energia(J)***
0 - Struttura	270.16
1 - TRAVI	42630.09
2 - MONTANTI	464899.45
3 - CORRENTI ORIZZONTALI	189016.42
17 - COPERTURA	10269.89
Σ	**707086.00**

Energia modale: Modo 43	
Sottosistemi	***Energia(J)***
0 - Struttura	131.71
1 - TRAVI	41856.68
2 - MONTANTI	464580.43
3 - CORRENTI ORIZZONTALI	189583.18
17 - COPERTURA	11120.78
Σ	**707272.77**

Energia modale: Modo 44	
Sottosistemi	***Energia(J)***
0 - Struttura	1802.95
1 - TRAVI	722692.04
2 - MONTANTI	2844.88
3 - CORRENTI ORIZZONTALI	2111.76
17 - COPERTURA	1718.93
Σ	**731170.57**

Energia modale: Modo 45	
Sottosistemi	***Energia(J)***
0 - Struttura	117.79
1 - TRAVI	268342.83
2 - MONTANTI	205602.71
3 - CORRENTI ORIZZONTALI	143285.91
17 - COPERTURA	149150.81
Σ	**766500.05**

Energia modale: Modo 46	
Sottosistemi	***Energia(J)***
0 - Struttura	22.30
1 - TRAVI	92900.48
2 - MONTANTI	70582.06
3 - CORRENTI ORIZZONTALI	75484.62
17 - COPERTURA	542531.38
Σ	**781520.84**

Energia modale: Modo 47	
Sottosistemi	***Energia(J)***
0 - Struttura	42.46
1 - TRAVI	47292.42
2 - MONTANTI	176375.61
3 - CORRENTI ORIZZONTALI	99990.96
17 - COPERTURA	460029.94
Σ	**783731.39**

Energia modale: Modo 48	
Sottosistemi	***Energia(J)***
0 - Struttura	10.16
1 - TRAVI	9887.68
2 - MONTANTI	141186.44
3 - CORRENTI ORIZZONTALI	168564.77
17 - COPERTURA	490073.50
Σ	**809722.55**

Energia modale: Modo 49	
Sottosistemi	***Energia(J)***
0 - Struttura	1596.22
1 - TRAVI	172546.04
2 - MONTANTI	287992.08
3 - CORRENTI ORIZZONTALI	211782.08
17 - COPERTURA	128553.26
Σ	**802469.68**

Energia modale: Modo 50	
Sottosistemi	***Energia(J)***
0 - Struttura	2699.56
1 - TRAVI	110266.43
2 - MONTANTI	381935.64
3 - CORRENTI ORIZZONTALI	199215.77
17 - COPERTURA	100531.36
Σ	**794648.77**

Energia modale: Modo 51	
Sottosistemi	***Energia(J)***
0 - Struttura	11.20
1 - TRAVI	21528.80
2 - MONTANTI	125395.71
3 - CORRENTI ORIZZONTALI	371508.84
17 - COPERTURA	336307.12
Σ	**854751.67**

Energia modale: Modo 52	
Sottosistemi	***Energia(J)***
0 - Struttura	49.03
1 - TRAVI	170304.43
2 - MONTANTI	231620.74
3 - CORRENTI ORIZZONTALI	162748.25
17 - COPERTURA	328736.56
Σ	**893459.00**

Energia modale: Modo 53	
Sottosistemi	***Energia(J)***
0 - Struttura	22.66
1 - TRAVI	101264.55
2 - MONTANTI	158044.28
3 - CORRENTI ORIZZONTALI	330022.10
17 - COPERTURA	318046.15
Σ	**907399.75**

Energia modale: Modo 54	
Sottosistemi	***Energia(J)***
0 - Struttura	112.36
1 - TRAVI	19857.69
2 - MONTANTI	212095.61
3 - CORRENTI ORIZZONTALI	343387.91
17 - COPERTURA	350513.97
Σ	**925967.53**

Energia modale: Modo 55	
Sottosistemi	***Energia(J)***
0 - Struttura	125.02
1 - TRAVI	55291.87
2 - MONTANTI	519200.26
3 - CORRENTI ORIZZONTALI	173161.32
17 - COPERTURA	198669.47
Σ	**946447.93**

Energia modale: Modo 56	
Sottosistemi	***Energia(J)***
0 - Struttura	834.36
1 - TRAVI	28810.10
2 - MONTANTI	685175.30
3 - CORRENTI ORIZZONTALI	185017.89
17 - COPERTURA	94473.40
Σ	**994311.06**

Energia modale: Modo 57	
Sottosistemi	***Energia(J)***
0 - Struttura	730.13
1 - TRAVI	40054.91
2 - MONTANTI	813549.77
3 - CORRENTI ORIZZONTALI	128410.16
17 - COPERTURA	86078.52
Σ	**1068823.50**

Energia modale: Modo 58	
Sottosistemi	***Energia(J)***
0 - Struttura	24.64
1 - TRAVI	39375.30
2 - MONTANTI	173416.33
3 - CORRENTI ORIZZONTALI	524577.13
17 - COPERTURA	367411.71
Σ	**1104805.11**

Energia modale: Modo 59	
Sottosistemi	***Energia(J)***
0 - Struttura	10.83
1 - TRAVI	949.17
2 - MONTANTI	12651.86
3 - CORRENTI ORIZZONTALI	45718.36
17 - COPERTURA	1059805.73
Σ	**1119135.95**

Energia modale: Modo 60	
Sottosistemi	***Energia(J)***
0 - Struttura	300.34
1 - TRAVI	6774.11
2 - MONTANTI	94807.47
3 - CORRENTI ORIZZONTALI	684020.73
17 - COPERTURA	362249.38
Σ	**1148152.03**

Energia modale: Modo 61	
Sottosistemi	***Energia(J)***
0 - Struttura	6.59
1 - TRAVI	1998.77
2 - MONTANTI	39917.99
3 - CORRENTI ORIZZONTALI	396501.59
17 - COPERTURA	725167.72
Σ	**1163592.65**

Energia modale: Modo 62	
Sottosistemi	***Energia(J)***
0 - Struttura	16.45
1 - TRAVI	11703.60
2 - MONTANTI	85544.23
3 - CORRENTI ORIZZONTALI	61893.78
17 - COPERTURA	1061677.64
Σ	**1220835.70**

Energia modale: Modo 63	
Sottosistemi	***Energia(J)***
0 - Struttura	17.88
1 - TRAVI	6536.84
2 - MONTANTI	235030.66
3 - CORRENTI ORIZZONTALI	233110.69
17 - COPERTURA	773612.94
Σ	**1248309.01**

Energia modale: Modo 64	
Sottosistemi	***Energia(J)***
0 - Struttura	3933.09
1 - TRAVI	61866.10
2 - MONTANTI	472607.71
3 - CORRENTI ORIZZONTALI	676285.82
17 - COPERTURA	31741.84
Σ	**1246434.56**

Energia modale: Modo 65	
Sottosistemi	***Energia(J)***
0 - Struttura	35847.42
1 - TRAVI	77643.10
2 - MONTANTI	151540.50
3 - CORRENTI ORIZZONTALI	623899.51
17 - COPERTURA	124778.88
Σ	**1013709.41**

Energia modale: Modo 66	
Sottosistemi	***Energia(J)***
0 - Struttura	367.62
1 - TRAVI	60222.60
2 - MONTANTI	414825.05
3 - CORRENTI ORIZZONTALI	774475.69
17 - COPERTURA	61956.51
Σ	**1311847.46**

Energia modale: Modo 67	
Sottosistemi	***Energia(J)***
0 - Struttura	66.56
1 - TRAVI	40711.32
2 - MONTANTI	371578.23
3 - CORRENTI ORIZZONTALI	708571.30
17 - COPERTURA	213274.87
Σ	**1334202.29**

Energia modale: Modo 68	
Sottosistemi	***Energia(J)***
0 - Struttura	65050.19
1 - TRAVI	150034.93
2 - MONTANTI	220189.50
3 - CORRENTI ORIZZONTALI	303697.46
17 - COPERTURA	111657.79
Σ	**850629.86**

Energia modale: Modo 69	
Sottosistemi	***Energia(J)***
0 - Struttura	2066.89
1 - TRAVI	275892.46
2 - MONTANTI	810265.89
3 - CORRENTI ORIZZONTALI	291751.60
17 - COPERTURA	11607.89
Σ	**1391584.73**

Energia modale: Modo 70	
Sottosistemi	***Energia(J)***
0 - Struttura	663.51
1 - TRAVI	329345.96
2 - MONTANTI	801236.67
3 - CORRENTI ORIZZONTALI	284861.28
17 - COPERTURA	15287.43
Σ	**1431394.85**

Energia modale: Modo 71	
Sottosistemi	***Energia(J)***
0 - Struttura	2453.83
1 - TRAVI	152712.53
2 - MONTANTI	840655.05
3 - CORRENTI ORIZZONTALI	118285.83
17 - COPERTURA	524641.00
Σ	**1638748.24**

Energia modale: Modo 72	
Sottosistemi	***Energia(J)***
0 - Struttura	766.51
1 - TRAVI	26755.79
2 - MONTANTI	662763.46
3 - CORRENTI ORIZZONTALI	192341.16
17 - COPERTURA	825219.13
Σ	**1707846.06**

Energia modale: Modo 73	
Sottosistemi	***Energia(J)***
0 - Struttura	169.52
1 - TRAVI	510346.94
2 - MONTANTI	1034657.39
3 - CORRENTI ORIZZONTALI	140945.78
17 - COPERTURA	110117.24
Σ	**1796236.87**

Energia modale: Modo 74	
Sottosistemi	***Energia(J)***
0 - Struttura	70.87
1 - TRAVI	19402.41
2 - MONTANTI	1018350.17
3 - CORRENTI ORIZZONTALI	202161.15
17 - COPERTURA	710423.38
Σ	**1950407.98**

Energia modale: Modo 75	
Sottosistemi	***Energia(J)***
0 - Struttura	409.76
1 - TRAVI	446472.79
2 - MONTANTI	1091542.65
3 - CORRENTI ORIZZONTALI	145342.09
17 - COPERTURA	298756.89
Σ	**1982524.17**

Energia modale: Modo 76	
Sottosistemi	***Energia(J)***
0 - Struttura	363.37
1 - TRAVI	58441.90
2 - MONTANTI	205063.95
3 - CORRENTI ORIZZONTALI	297392.41
17 - COPERTURA	1428288.93
Σ	**1989550.56**

Energia modale: Modo 77	
Sottosistemi	***Energia(J)***
0 - Struttura	56.40
1 - TRAVI	12402.30
2 - MONTANTI	375325.99
3 - CORRENTI ORIZZONTALI	717284.16
17 - COPERTURA	978972.16
Σ	**2084041.01**

Energia modale: Modo 78	
Sottosistemi	***Energia(J)***
0 - Struttura	1902.97
1 - TRAVI	55809.05
2 - MONTANTI	750899.38
3 - CORRENTI ORIZZONTALI	352968.07
17 - COPERTURA	1234507.99
Σ	**2396087.47**

Energia modale: Modo 79	
Sottosistemi	***Energia(J)***
0 - Struttura	229.01
1 - TRAVI	106192.38
2 - MONTANTI	1765538.70
3 - CORRENTI ORIZZONTALI	282771.23
17 - COPERTURA	311262.17
Σ	**2465993.48**

Energia modale: Modo 80	
Sottosistemi	***Energia(J)***
0 - Struttura	1257.64
1 - TRAVI	33207.88
2 - MONTANTI	1215398.18
3 - CORRENTI ORIZZONTALI	572070.17
17 - COPERTURA	716267.58
Σ	**2538201.45**

Energia modale: Modo 81	
Sottosistemi	***Energia(J)***
0 - Struttura	131.98
1 - TRAVI	80451.68
2 - MONTANTI	1331311.37
3 - CORRENTI ORIZZONTALI	209377.91
17 - COPERTURA	1077903.46
Σ	**2699176.40**

Energia modale: Modo 82	
Sottosistemi	***Energia(J)***
0 - Struttura	20.34
1 - TRAVI	146499.65
2 - MONTANTI	1997647.63
3 - CORRENTI ORIZZONTALI	308866.19
17 - COPERTURA	311094.31
Σ	**2764128.12**

Energia modale: Modo 83	
Sottosistemi	***Energia(J)***
0 - Struttura	74.64
1 - TRAVI	55574.19
2 - MONTANTI	1804357.15
3 - CORRENTI ORIZZONTALI	137958.23
17 - COPERTURA	934531.88
Σ	**2932496.09**

Energia modale: Modo 84	
Sottosistemi	***Energia(J)***
0 - Struttura	492.16
1 - TRAVI	305520.07
2 - MONTANTI	1689194.90
3 - CORRENTI ORIZZONTALI	330133.17
17 - COPERTURA	695880.19
Σ	**3021220.50**

Energia modale: Modo 85	
Sottosistemi	***Energia(J)***
0 - Struttura	128998.66
1 - TRAVI	1640979.54
2 - MONTANTI	316269.46
3 - CORRENTI ORIZZONTALI	165114.63
17 - COPERTURA	63558.39
Σ	**2314920.68**

Energia modale: Modo 86	
Sottosistemi	***Energia(J)***
0 - Struttura	13947.57
1 - TRAVI	636170.92
2 - MONTANTI	1374215.22
3 - CORRENTI ORIZZONTALI	906914.83
17 - COPERTURA	171140.48
Σ	**3102389.03**

Energia modale: Modo 87	
Sottosistemi	***Energia(J)***
0 - Struttura	110.54
1 - TRAVI	8021.07
2 - MONTANTI	1759140.11
3 - CORRENTI ORIZZONTALI	1315617.86
17 - COPERTURA	135081.31
Σ	**3217970.89**

Energia modale: Modo 88	
Sottosistemi	***Energia(J)***
0 - Struttura	4228.54
1 - TRAVI	2349964.39
2 - MONTANTI	550312.76
3 - CORRENTI ORIZZONTALI	248171.87
17 - COPERTURA	123161.31
Σ	**3275838.86**

Energia modale: Modo 89	
Sottosistemi	***Energia(J)***
0 - Struttura	446.32
1 - TRAVI	382063.40
2 - MONTANTI	1967482.95
3 - CORRENTI ORIZZONTALI	500185.47
17 - COPERTURA	681018.79
Σ	**3531196.92**

Energia modale: Modo 90	
Sottosistemi	***Energia(J)***
0 - Struttura	169.59
1 - TRAVI	418385.60
2 - MONTANTI	1967076.86
3 - CORRENTI ORIZZONTALI	539984.55
17 - COPERTURA	633618.77
Σ	**3559235.37**

Energia modale: Modo 91	
Sottosistemi	***Energia(J)***
0 - Struttura	1549.34
1 - TRAVI	19090.13
2 - MONTANTI	1988068.20
3 - CORRENTI ORIZZONTALI	1254641.68
17 - COPERTURA	732025.13
Σ	**3995374.49**

Energia modale: Modo 92	
Sottosistemi	***Energia(J)***
0 - Struttura	187.92
1 - TRAVI	33710.28
2 - MONTANTI	2890000.48
3 - CORRENTI ORIZZONTALI	758280.90
17 - COPERTURA	464309.39
Σ	**4146488.98**

Energia modale: Modo 93	
Sottosistemi	***Energia(J)***
0 - Struttura	2059.45
1 - TRAVI	225489.82
2 - MONTANTI	2694119.25
3 - CORRENTI ORIZZONTALI	406175.04
17 - COPERTURA	827583.00
Σ	**4155426.56**

Energia modale: Modo 94	
Sottosistemi	***Energia(J)***
0 - Struttura	243.21
1 - TRAVI	6961.91
2 - MONTANTI	2922128.38
3 - CORRENTI ORIZZONTALI	1067914.28
17 - COPERTURA	164448.89
Σ	**4161696.67**

Energia modale: Modo 95	
Sottosistemi	***Energia(J)***
0 - Struttura	814.49
1 - TRAVI	48417.65
2 - MONTANTI	2800212.02
3 - CORRENTI ORIZZONTALI	841439.35
17 - COPERTURA	529265.60
Σ	**4220149.10**

Energia modale: Modo 96	
Sottosistemi	***Energia(J)***
0 - Struttura	3551.19
1 - TRAVI	68031.15
2 - MONTANTI	1649965.86
3 - CORRENTI ORIZZONTALI	1658562.13
17 - COPERTURA	897120.31
Σ	**4277230.63**

Accelerazioni nodi per caso di carico									
Caso di carico	**N° Nodo**	**Ax (m/s²)**	**Ay (m/s²)**	**Az (m/s²)**	**A (m/s²)**	**ARX (°/s²)**	**ARY (°/s²)**	**ARZ (°/s²)**	**AR (°/s²)**
5 (CQC)	1	0.53	0.07	0.54	0.76	104.71	125.48	0.01	163.43
	2	0.32	0.09	0.55	0.64	42.76	126.64	0.01	133.67
	3	0.17	0.07	0.16	0.25	132.21	56.51	0.00	143.78
	4	0.13	0.07	0.33	0.36	83.66	102.43	0.00	132.25
	5	0.03	0.009	0.11	0.11	77.09	177.33	25.39	195.02
	6	0.03	0.008	0.13	0.13	90.31	174.40	24.18	197.88
	7	0.11	0.003	0.32	0.34	53.68	104.35	0.00	117.34
	8	0.15	0.009	0.19	0.24	114.54	90.81	0.00	146.17
	9	0.29	0.008	0.53	0.61	29.10	88.35	0.01	93.02
	10	0.51	0.01	0.54	0.74	86.27	108.69	0.02	138.77
	11	0.68	0.03	0.09	0.68	27.88	21.45	6.36	35.75
	12	0.67	0.06	0.28	0.73	88.18	36.69	1.53	95.52
	13	0.67	0.06	0.27	0.73	79.44	38.51	1.18	88.29
	14	0.04	0.21	0.19	0.29	135.83	185.78	29.78	232.06
	15	0.04	0.21	0.17	0.27	116.13	179.06	29.20	215.41
	16	0.00	0.00	0.00	0.00	79.42	1.42	18.03	81.45
	17	0.00	0.00	0.00	0.00	4.32	0.70	8.12	9.22
	18	0.01	0.006	0.003	0.01	31.59	0.47	4.82	31.95
	19	0.00	0.00	0.00	0.00	92.92	1.41	17.27	94.52
	20	0.30	0.03	0.60	0.67	49.51	133.38	37.53	147.14
	21	0.28	0.007	0.03	0.28	2.30	96.27	39.23	103.98
	22	0.28	0.03	0.64	0.70	45.14	131.48	37.65	144.02
	23	0.55	0.02	0.67	0.87	41.21	82.10	23.05	94.71
	24	0.55	0.01	0.04	0.55	3.39	102.94	24.58	105.89
	25	0.56	0.01	0.67	0.87	44.07	81.63	24.65	95.99
	26	0.68	0.02	0.04	0.68	2.32	22.19	2.43	22.44
	27	0.56	0.13	0.87	1.04	78.21	81.87	21.74	115.29
	28	0.58	0.02	0.05	0.58	3.47	117.27	20.81	119.15
	29	0.57	0.14	0.70	0.91	64.86	82.10	22.91	107.11
	30	0.31	0.19	0.96	1.03	58.75	137.59	36.44	153.98
	31	0.31	0.03	0.04	0.32	2.91	113.29	38.91	119.82
	32	0.30	0.19	0.79	0.87	45.18	134.12	36.99	146.28
	33	0.00	0.21	0.00	0.21	139.27	1.48	26.22	141.73
	34	0.00	0.03	0.00	0.03	5.31	0.71	21.34	22.00
	35	0.008	0.08	0.003	0.08	41.33	0.48	13.42	43.46
	36	0.00	0.21	0.00	0.21	119.58	1.44	26.23	122.43
	37	1.50	1.49	0.15	2.12	180.74	162.76	238.09	340.36
	38	1.48	1.33	0.18	2.00	139.72	162.80	231.99	315.98
	39	1.34	1.29	0.28	1.88	192.19	228.79	13.28	299.10
	40	1.30	0.78	0.27	1.54	123.59	224.17	5.34	256.04
	41	1.53	0.80	0.24	1.75	60.17	163.52	241.60	297.87
	42	1.50	0.90	0.23	1.76	71.38	163.44	232.15	292.75
	43	2.69	1.51	0.21	3.09	177.53	182.13	488.39	550.65
	44	2.69	1.22	0.24	2.96	156.42	178.82	475.08	531.18
	45	2.35	1.53	0.31	2.82	155.17	273.81	25.90	315.78
	46	2.34	0.96	0.29	2.55	96.20	266.83	9.95	283.82
	47	2.69	0.62	0.28	2.77	91.71	190.27	496.60	539.65
	48	2.69	0.65	0.29	2.78	113.05	181.92	477.53	523.36
	49	3.99	0.16	0.26	4.00	89.28	216.43	751.25	786.88
	50	3.98	0.18	0.30	3.99	84.70	213.98	730.37	765.77
	51	5.47	0.15	2.60	6.06	257.22	288.14	219.08	444.05
	52	5.39	0.16	2.34	5.88	222.56	281.06	213.72	417.38
	53	3.84	0.13	2.35	4.50	305.14	369.83	646.01	804.49
	54	3.83	0.15	2.09	4.36	273.79	358.25	626.21	771.65
	55	4.19	0.13	0.36	4.21	78.36	456.16	39.17	464.50
	56	4.15	0.14	0.33	4.16	93.56	440.27	14.81	450.35
	57	3.88	0.13	1.15	4.05	156.12	369.61	649.44	763.39
	58	3.85	0.15	1.67	4.19	216.53	358.27	628.08	754.80
	59	5.50	0.13	1.36	5.67	113.33	290.17	232.53	388.73
	60	5.40	0.15	1.95	5.74	160.52	282.41	218.07	391.25
	61	4.01	0.13	0.33	4.02	76.43	225.48	764.54	800.75
	62	3.98	0.15	0.36	4.00	88.57	219.18	735.37	772.44
	63	5.06	0.33	0.32	5.08	38.76	147.51	515.26	537.36
	64	6.21	0.24	0.39	6.23	51.11	198.07	10.36	204.82
	65	5.08	0.33	0.38	5.10	26.35	149.65	520.25	541.99
	66	5.08	0.27	0.28	5.09	38.29	149.37	530.31	552.27
	67	6.32	0.26	0.44	6.35	39.94	200.05	11.44	204.32

Accelerazioni nodi per caso di carico									
Caso di carico	**N° Nodo**	**Ax (m/s²)**	**Ay (m/s²)**	**Az (m/s²)**	**A (m/s²)**	**ARX (°/s²)**	**ARY (°/s²)**	**ARZ (°/s²)**	**AR (°/s²)**
	68	5.11	0.33	0.35	5.14	25.17	153.01	539.28	561.13
	69	5.45	0.15	0.83	5.52	102.37	316.49	294.99	444.60
	70	5.73	0.18	0.97	5.81	68.95	252.72	131.97	293.32
	71	5.43	0.14	0.33	5.44	69.96	190.00	291.23	354.70
	72	5.72	0.12	1.00	5.81	74.07	248.50	134.06	291.91
	73	5.45	0.12	0.90	5.53	106.10	315.15	292.23	442.69
	74	5.42	0.12	0.47	5.44	55.97	385.75	27.49	390.76
	75	5.43	0.22	0.39	5.45	61.09	199.75	298.57	364.39
	76	5.43	0.15	0.30	5.44	64.85	192.96	301.17	363.52
	77	5.74	0.13	0.65	5.78	55.83	254.56	137.06	294.45
	78	5.46	0.12	0.58	5.49	85.46	324.19	301.14	450.65
	79	5.42	0.12	0.53	5.45	36.82	397.65	31.74	400.61
	80	5.46	0.15	0.58	5.49	76.43	325.97	305.34	453.14
	81	5.75	0.18	0.64	5.79	56.98	260.65	137.85	300.31
	82	5.43	0.22	0.36	5.45	53.27	207.74	308.71	375.89
	83	5.56	0.12	0.39	5.57	64.64	113.23	93.62	160.51
	84	5.56	0.10	0.49	5.58	47.06	128.33	102.42	170.80
	85	5.56	0.11	0.38	5.57	68.57	112.29	97.22	163.60
	86	5.53	0.06	0.43	5.55	47.68	205.96	31.49	213.74
	87	5.55	0.12	0.51	5.58	47.09	130.41	99.96	170.93
	88	5.53	0.06	0.35	5.54	47.84	203.61	26.70	210.86
	89	5.62	0.16	0.48	5.65	135.85	53.95	48.45	153.99
	90	5.63	0.16	1.76	5.90	188.65	50.35	34.53	198.28
	91	5.64	0.16	1.61	5.87	213.11	64.26	42.18	226.55
	92	5.64	0.16	0.48	5.66	72.70	87.72	20.33	115.72
	93	5.64	0.17	1.64	5.87	219.02	62.21	38.97	230.99
	94	5.63	0.18	1.79	5.91	198.70	52.31	35.03	208.44
	95	5.63	0.19	0.64	5.67	151.92	65.51	38.35	169.83
	96	5.63	0.16	0.48	5.65	135.03	55.47	39.65	151.27
	97	5.63	0.16	1.84	5.92	193.80	52.05	27.21	202.50
	98	5.64	0.16	1.68	5.88	222.80	64.50	38.57	235.14
	99	5.64	0.16	0.56	5.67	75.46	86.20	11.78	115.17
	100	5.64	0.17	1.80	5.92	233.29	61.93	43.97	245.34
	101	5.63	0.19	1.93	5.96	212.43	51.52	36.69	221.65
	102	5.63	0.20	0.61	5.67	158.54	62.35	38.49	174.66
	103	5.64	0.29	0.66	5.68	99.29	37.43	58.77	121.30
	104	5.64	0.31	0.60	5.68	97.08	52.46	63.13	127.13
	105	5.68	0.21	0.60	5.72	49.07	40.37	24.09	67.96
	106	5.68	0.21	0.54	5.71	58.59	33.25	28.07	72.98
	107	5.64	0.22	0.48	5.66	85.80	39.89	45.98	105.21
	108	5.64	0.21	0.48	5.66	92.15	29.25	49.95	108.82
	109	5.62	0.18	0.45	5.64	53.50	100.58	65.34	131.33
	110	5.69	0.15	0.40	5.70	16.85	99.49	40.64	108.78
	111	5.69	0.15	0.36	5.70	40.46	94.26	42.38	110.99
	112	5.62	0.18	0.37	5.64	41.37	108.51	69.26	135.21
	113	5.62	0.14	0.31	5.63	38.13	81.74	47.90	102.13
	114	5.62	0.13	0.32	5.63	52.07	77.53	49.54	105.72
	115	5.61	0.01	0.10	5.61	20.70	97.18	41.84	107.81
	116	5.65	0.01	0.10	5.66	17.70	82.33	71.57	110.51
	117	5.70	0.01	0.13	5.70	10.79	92.38	48.77	105.03
	118	5.68	0.01	0.05	5.68	19.90	121.31	49.29	132.44
	119	5.72	0.01	0.18	5.72	6.95	93.23	43.42	103.08
	120	5.65	0.01	0.09	5.66	24.44	95.78	95.56	137.49
	121	5.61	0.009	0.14	5.62	21.22	127.13	45.59	136.71
	122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	123	0.03	0.009	0.11	0.11	111.96	173.09	0.01	206.15
	124	0.03	0.008	0.13	0.13	114.75	111.75	0.01	160.18
	125	0.68	0.03	0.09	0.68	100.14	56.84	0.01	115.15
	126	0.67	0.06	0.28	0.73	86.78	47.39	0.00	98.87
	127	0.67	0.06	0.27	0.73	86.76	73.51	0.00	113.72
	128	0.00	0.00	0.00	0.00	135.03	77.13	0.01	155.51
	129	0.00	0.00	0.00	0.00	5.12	79.21	0.00	79.37
	130	0.01	0.006	0.003	0.01	140.15	77.42	0.00	160.11
	131	0.00	0.00	0.00	0.00	134.51	79.55	0.00	156.27
	132	0.30	0.03	0.60	0.67	141.30	317.49	0.00	347.51
	133	0.28	0.03	0.64	0.70	120.31	229.72	0.00	259.32
	134	0.55	0.02	0.67	0.87	120.55	146.36	0.00	189.61
	135	0.56	0.01	0.67	0.87	107.26	347.26	0.00	363.45

Accelerazioni nodi per caso di carico									
Caso di carico	**N° Nodo**	**Ax (m/s²)**	**Ay (m/s²)**	**Az (m/s²)**	**A (m/s²)**	**ARX (°/s²)**	**ARY (°/s²)**	**ARZ (°/s²)**	**AR (°/s²)**
	136	0.68	0.02	0.04	0.68	2.78	44.41	0.01	44.50
	137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	138	0.68	0.03	0.09	0.68	107.09	59.86	0.01	122.69
	139	0.67	0.06	0.28	0.73	173.70	49.93	0.00	180.73
	140	0.67	0.06	0.27	0.73	145.10	76.05	0.01	163.82
	141	0.04	0.21	0.19	0.29	206.07	196.88	0.01	285.00
	142	0.04	0.21	0.17	0.27	175.31	120.44	0.00	212.70
	143	0.68	0.02	0.04	0.68	3.31	46.68	0.00	46.80
	144	0.56	0.13	0.87	1.04	59.48	223.55	0.00	231.33
	145	0.57	0.14	0.70	0.91	66.40	312.52	0.00	319.50
	146	0.31	0.19	0.96	1.03	46.23	335.39	0.00	338.56
	147	0.30	0.19	0.79	0.87	60.97	318.83	0.00	324.61
	148	0.00	0.21	0.00	0.21	92.32	84.60	0.00	125.22
	149	0.00	0.03	0.00	0.03	6.28	86.03	0.01	86.26
	150	0.008	0.08	0.003	0.08	134.48	84.78	0.00	158.98
	151	0.00	0.21	0.00	0.21	94.86	86.10	0.00	128.11
6 (CQC)	1	0.09	2.30	0.81	2.44	1287.44	365.27	0.01	1338.25
	2	0.03	2.34	1.00	2.55	137.86	228.30	0.02	266.69
	3	0.01	2.46	0.19	2.46	1225.13	917.70	0.01	1530.72
	4	0.02	2.44	0.86	2.59	114.66	341.32	0.00	360.06
	5	0.06	0.11	0.04	0.13	26.50	59.35	44.60	78.83
	6	0.02	0.12	0.03	0.13	23.41	68.41	25.32	76.61
	7	0.04	0.22	0.62	0.66	234.86	293.31	0.01	375.75
	8	0.03	0.55	0.26	0.61	1777.11	1250.26	0.00	2172.85
	9	0.11	0.66	0.72	0.98	165.20	172.04	0.02	238.52
	10	0.15	1.09	0.60	1.26	1881.81	382.30	0.01	1920.25
	11	0.06	1.86	0.16	1.87	13.07	10.08	6.59	17.77
	12	0.07	1.73	0.06	1.73	31.33	12.75	8.65	34.91
	13	0.12	1.80	0.10	1.80	35.99	20.00	10.32	42.45
	14	0.01	2.40	0.03	2.40	19.44	71.21	8.58	74.31
	15	0.05	2.49	0.03	2.49	18.77	91.02	32.81	98.55
	16	0.00	0.00	0.00	0.00	25.21	0.51	44.52	51.17
	17	0.00	0.00	0.00	0.00	33.65	0.57	56.80	66.02
	18	0.005	0.30	0.002	0.30	24.10	0.26	36.86	44.04
	19	0.00	0.00	0.00	0.00	23.65	0.60	5.57	24.30
	20	0.27	0.63	0.22	0.72	18.96	40.44	13.44	46.64
	21	0.010	0.67	0.20	0.70	4.06	388.96	12.48	389.18
	22	0.30	0.67	0.19	0.76	19.55	44.83	23.99	54.48
	23	0.25	1.22	0.21	1.26	19.51	19.15	18.67	33.11
	24	0.03	1.28	0.07	1.28	32.78	203.74	2.92	206.38
	25	0.24	1.27	0.23	1.31	13.67	19.22	18.70	30.09
	26	0.03	1.82	0.16	1.82	3.92	4.82	7.01	9.36
	27	0.10	2.10	0.21	2.11	13.78	25.50	3.91	29.25
	28	0.04	2.17	0.08	2.17	33.02	106.10	1.16	111.12
	29	0.12	2.17	0.22	2.18	8.76	31.05	9.38	33.60
	30	0.06	2.32	0.17	2.32	19.89	49.86	8.05	54.28
	31	0.006	2.39	0.21	2.40	5.14	200.57	10.93	200.93
	32	0.19	2.39	0.14	2.41	19.26	62.71	4.17	65.73
	33	0.00	2.39	0.00	2.39	19.82	0.28	6.74	20.93
	34	0.00	2.45	0.00	2.45	33.70	0.75	30.86	45.71
	35	0.003	2.63	0.003	2.63	24.23	0.55	31.22	39.52
	36	0.00	2.48	0.00	2.48	19.65	1.21	37.32	42.19
	37	0.35	1.08	0.08	1.14	158.22	25.45	31.35	163.29
	38	0.38	1.06	0.07	1.13	159.78	27.58	18.84	163.24
	39	0.14	1.69	0.07	1.70	323.03	16.31	15.66	323.82
	40	0.14	1.70	0.09	1.70	330.16	23.82	17.17	331.47
	41	0.39	1.58	0.10	1.63	383.58	27.24	15.89	384.87
	42	0.46	1.54	0.08	1.61	394.93	32.15	25.22	397.04
	43	0.29	2.01	0.15	2.04	184.39	51.06	34.24	194.36
	44	0.32	2.02	0.13	2.04	181.01	54.35	27.74	191.02
	45	0.05	2.63	0.11	2.64	226.09	29.92	26.52	229.60
	46	0.08	2.65	0.09	2.66	225.58	31.81	27.97	229.52
	47	0.32	2.69	0.19	2.72	192.80	55.81	29.40	202.86
	48	0.38	2.72	0.15	2.75	190.58	65.76	29.91	203.82
	49	0.28	2.85	0.23	2.87	127.39	55.39	51.54	148.16
	50	0.27	2.86	0.18	2.88	136.06	61.21	44.24	155.61
	51	0.29	2.85	0.60	2.93	52.56	40.03	32.78	73.75
	52	0.26	2.85	0.60	2.93	52.21	46.48	31.58	76.71

Accelerazioni nodi per caso di carico									
Caso di carico	**N° Nodo**	**Ax (m/s²)**	**Ay (m/s²)**	**Az (m/s²)**	**A (m/s²)**	**ARX (°/s²)**	**ARY (°/s²)**	**ARZ (°/s²)**	**AR (°/s²)**
	53	0.26	2.85	0.33	2.88	80.78	27.82	33.72	91.85
	54	0.25	2.85	0.34	2.88	80.07	32.76	27.62	90.81
	55	0.13	2.84	0.16	2.85	144.55	24.14	38.63	151.55
	56	0.12	2.84	0.12	2.85	148.37	22.02	40.19	155.28
	57	0.25	2.84	0.69	2.93	68.47	32.24	31.65	82.03
	58	0.26	2.84	0.62	2.92	70.23	36.53	27.66	83.86
	59	0.29	2.84	0.50	2.90	99.35	47.20	27.98	113.50
	60	0.27	2.83	0.54	2.90	89.17	57.58	29.53	110.18
	61	0.27	2.84	0.27	2.86	228.02	64.39	44.39	241.06
	62	0.28	2.83	0.21	2.85	200.64	80.18	43.79	220.46
	63	0.40	3.48	0.22	3.51	140.28	36.71	63.73	158.40
	64	0.22	3.39	0.13	3.40	146.64	19.87	58.85	159.25
	65	0.49	3.50	0.25	3.55	148.54	31.41	54.71	161.38
	66	0.39	3.46	0.28	3.50	139.64	34.58	61.96	156.63
	67	0.25	3.40	0.18	3.41	145.21	18.00	56.81	156.97
	68	0.42	3.52	0.32	3.56	147.76	32.22	55.48	161.08
	69	0.39	3.86	0.49	3.91	52.10	48.22	45.51	84.33
	70	0.39	3.86	0.38	3.90	59.51	56.13	53.93	97.98
	71	0.25	3.86	0.25	3.87	115.64	46.44	105.84	163.49
	72	0.40	3.86	0.32	3.89	46.95	39.45	50.80	79.63
	73	0.39	3.86	0.36	3.90	46.48	38.84	48.30	77.47
	74	0.06	3.86	0.14	3.86	96.14	44.87	95.99	143.07
	75	0.24	3.86	0.29	3.88	133.11	67.00	87.45	172.78
	76	0.22	3.87	0.32	3.89	120.78	44.52	100.48	163.30
	77	0.40	3.87	0.31	3.90	71.70	35.87	48.94	93.93
	78	0.37	3.87	0.45	3.91	50.36	35.42	49.51	79.00
	79	0.08	3.86	0.19	3.87	95.09	43.44	94.66	141.04
	80	0.39	3.86	0.46	3.91	67.42	44.96	45.98	93.17
	81	0.40	3.86	0.42	3.91	62.02	51.33	55.27	97.64
	82	0.23	3.86	0.37	3.88	120.59	61.04	87.63	161.08
	83	0.20	3.94	0.23	3.95	150.35	34.87	105.69	187.06
	84	0.26	3.94	0.39	3.97	162.11	34.32	82.71	185.20
	85	0.17	3.94	0.31	3.96	155.55	29.40	100.67	187.60
	86	0.13	3.94	0.23	3.95	157.67	26.40	101.14	189.17
	87	0.28	3.94	0.29	3.96	173.56	28.45	81.80	193.97
	88	0.13	3.94	0.16	3.94	160.49	30.29	103.25	193.23
	89	0.13	4.03	0.22	4.04	71.23	33.60	65.36	102.34
	90	0.22	4.03	0.20	4.05	30.09	24.73	24.73	46.14
	91	0.18	4.04	0.20	4.05	25.61	17.22	32.79	45.03
	92	0.15	4.03	0.16	4.04	62.81	13.55	38.67	74.99
	93	0.18	4.04	0.25	4.05	46.99	21.75	39.76	65.29
	94	0.26	4.04	0.28	4.05	29.11	32.07	25.07	50.05
	95	0.22	4.03	0.28	4.05	98.65	43.02	76.96	132.31
	96	0.12	4.03	0.29	4.04	70.88	30.04	65.28	100.94
	97	0.21	4.04	0.21	4.05	44.17	22.15	22.47	54.28
	98	0.18	4.04	0.22	4.05	38.20	17.49	30.36	51.84
	99	0.14	4.03	0.23	4.04	60.78	18.67	38.48	74.33
	100	0.19	4.04	0.23	4.05	60.21	23.43	36.95	74.43
	101	0.25	4.04	0.31	4.06	33.59	31.22	24.97	52.21
	102	0.21	4.03	0.38	4.06	103.84	40.32	78.40	136.22
	103	0.11	4.06	0.26	4.07	48.07	62.97	157.01	175.86
	104	0.09	4.06	0.30	4.07	52.82	72.93	157.36	181.31
	105	0.06	4.05	0.15	4.06	64.22	51.16	145.82	167.34
	106	0.09	4.05	0.12	4.06	63.92	42.31	146.98	165.77
	107	0.05	4.06	0.28	4.07	59.64	41.43	142.83	160.23
	108	0.06	4.06	0.23	4.06	55.95	39.17	144.10	159.47
	109	0.04	4.09	0.33	4.10	72.25	41.83	139.89	162.91
	110	0.03	4.09	0.10	4.09	89.57	47.17	140.99	173.57
	111	0.04	4.09	0.14	4.09	89.40	32.80	143.23	172.00
	112	0.02	4.09	0.29	4.10	73.35	66.05	138.12	169.77
	113	0.02	4.09	0.32	4.10	85.13	35.88	132.47	161.50
	114	0.03	4.09	0.29	4.10	83.59	35.78	134.91	162.69
	115	0.03	4.13	0.34	4.14	80.54	23.55	2.77	83.96
	116	0.03	4.13	0.35	4.15	56.02	19.30	6.57	59.62
	117	0.02	4.14	0.36	4.15	43.85	15.17	7.71	47.03
	118	0.04	4.13	0.17	4.14	80.06	11.28	2.72	80.89
	119	0.04	4.14	0.37	4.15	43.17	14.70	7.39	46.20
	120	0.03	4.13	0.34	4.15	56.04	18.28	7.74	59.45

Accelerazioni nodi per caso di carico									
Caso di carico	**N° Nodo**	**Ax (m/s²)**	**Ay (m/s²)**	**Az (m/s²)**	**A (m/s²)**	**ARX (°/s²)**	**ARY (°/s²)**	**ARZ (°/s²)**	**AR (°/s²)**
	121	0.04	4.13	0.37	4.15	75.64	21.93	2.95	78.81
	122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	123	0.06	0.11	0.04	0.13	236.47	439.13	0.06	498.75
	124	0.02	0.12	0.03	0.13	112.01	583.00	0.05	593.66
	125	0.06	1.86	0.16	1.87	1822.07	107.68	0.03	1825.25
	126	0.07	1.73	0.06	1.73	193.02	114.48	0.05	224.41
	127	0.12	1.80	0.10	1.80	145.82	111.99	0.04	183.86
	128	0.00	0.00	0.00	0.00	275.09	93.57	0.01	290.57
	129	0.00	0.00	0.00	0.00	48.00	93.28	0.01	104.90
	130	0.005	0.30	0.002	0.30	1907.11	96.01	0.01	1909.53
	131	0.00	0.00	0.00	0.00	74.93	93.73	0.02	120.00
	132	0.27	0.63	0.22	0.72	193.30	426.47	0.02	468.23
	133	0.30	0.67	0.19	0.76	131.73	2330.34	0.00	2334.06
	134	0.25	1.22	0.21	1.26	176.33	186.81	0.04	256.88
	135	0.24	1.27	0.23	1.31	138.64	948.27	0.01	958.35
	136	0.03	1.82	0.16	1.82	16.55	113.99	0.01	115.19
	137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	138	0.06	1.86	0.16	1.87	1254.71	60.19	0.01	1256.16
	139	0.07	1.73	0.06	1.73	541.03	67.10	0.03	545.18
	140	0.12	1.80	0.10	1.80	264.92	66.15	0.04	273.06
	141	0.01	2.40	0.03	2.40	529.85	603.93	0.02	803.42
	142	0.05	2.49	0.03	2.49	264.86	525.17	0.01	588.18
	143	0.03	1.82	0.16	1.82	19.07	65.17	0.00	67.90
	144	0.10	2.10	0.21	2.11	556.07	85.30	0.04	562.57
	145	0.12	2.17	0.22	2.18	260.80	858.35	0.02	897.10
	146	0.06	2.32	0.17	2.32	556.63	587.17	0.03	809.08
	147	0.19	2.39	0.14	2.41	270.54	1757.23	0.00	1777.93
	148	0.00	2.39	0.00	2.39	515.66	74.16	0.00	520.97
	149	0.00	2.45	0.00	2.45	43.93	73.54	0.01	85.66
	150	0.003	2.63	0.003	2.63	1354.91	73.26	0.00	1356.89
	151	0.00	2.48	0.00	2.48	240.44	73.05	0.00	251.29

Accelerazioni nodi per entità									
N° Nodo	**Caso di carico**	**Ax (m/s²)**	**Ay (m/s²)**	**Az (m/s²)**	**A (m/s²)**	**ARX (°/s²)**	**ARY (°/s²)**	**ARZ (°/s²)**	**AR (°/s²)**
1	5 (CQC)	0.53	0.07	0.54	0.76	104.71	125.48	0.01	163.43
	6 (CQC)	0.09	2.30	0.81	2.44	1287.44	365.27	0.01	1338.25
Max		**0.53**	**2.30**	**0.81**	**2.44**	**1287.44**	**365.27**	**0.01**	**1338.25**
Min		**0.09**	**0.07**	**0.54**	**0.76**	**104.71**	**125.48**	**0.01**	**163.43**
2	5 (CQC)	0.32	0.09	0.55	0.64	42.76	126.64	0.01	133.67
	6 (CQC)	0.03	2.34	1.00	2.55	137.86	228.30	0.02	266.69
Max		**0.32**	**2.34**	**1.00**	**2.55**	**137.86**	**228.30**	**0.02**	**266.69**
Min		**0.03**	**0.09**	**0.55**	**0.64**	**42.76**	**126.64**	**0.01**	**133.67**
3	5 (CQC)	0.17	0.07	0.16	0.25	132.21	56.51	0.00	143.78
	6 (CQC)	0.01	2.46	0.19	2.46	1225.13	917.70	0.01	1530.72
Max		**0.17**	**2.46**	**0.19**	**2.46**	**1225.13**	**917.70**	**0.01**	**1530.72**
Min		**0.01**	**0.07**	**0.16**	**0.25**	**132.21**	**56.51**	**0.00**	**143.78**
4	5 (CQC)	0.13	0.07	0.33	0.36	83.66	102.43	0.00	132.25
	6 (CQC)	0.02	2.44	0.86	2.59	114.66	341.32	0.00	360.06
Max		**0.13**	**2.44**	**0.86**	**2.59**	**114.66**	**341.32**	**0.00**	**360.06**
Min		**0.02**	**0.07**	**0.33**	**0.36**	**83.66**	**102.43**	**0.00**	**132.25**
5	5 (CQC)	0.03	0.009	0.11	0.11	77.09	177.33	25.39	195.02
	6 (CQC)	0.06	0.11	0.04	0.13	26.50	59.35	44.60	78.83
Max		**0.06**	**0.11**	**0.11**	**0.13**	**77.09**	**177.33**	**44.60**	**195.02**
Min		**0.03**	**0.009**	**0.04**	**0.11**	**26.50**	**59.35**	**25.39**	**78.83**
6	5 (CQC)	0.03	0.008	0.13	0.13	90.31	174.40	24.18	197.88
	6 (CQC)	0.02	0.12	0.03	0.13	23.41	68.41	25.32	76.61
Max		**0.03**	**0.12**	**0.13**	**0.13**	**90.31**	**174.40**	**25.32**	**197.88**
Min		**0.02**	**0.008**	**0.03**	**0.13**	**23.41**	**68.41**	**24.18**	**76.61**
7	5 (CQC)	0.11	0.003	0.32	0.34	53.68	104.35	0.00	117.34
	6 (CQC)	0.04	0.22	0.62	0.66	234.86	293.31	0.01	375.75
Max		**0.11**	**0.22**	**0.62**	**0.66**	**234.86**	**293.31**	**0.01**	**375.75**
Min		**0.04**	**0.003**	**0.32**	**0.34**	**53.68**	**104.35**	**0.00**	**117.34**
8	5 (CQC)	0.15	0.009	0.19	0.24	114.54	90.81	0.00	146.17
	6 (CQC)	0.03	0.55	0.26	0.61	1777.11	1250.26	0.00	2172.85
Max		**0.15**	**0.55**	**0.26**	**0.61**	**1777.11**	**1250.26**	**0.00**	**2172.85**

Accelerazioni nodi per entità									
N° Nodo	Caso di carico	Ax (m/s²)	Ay (m/s²)	Az (m/s²)	A (m/s²)	ARX (°/s²)	ARY (°/s²)	ARZ (°/s²)	AR (°/s²)
Min		**0.03**	**0.009**	**0.19**	**0.24**	**114.54**	**90.81**	**0.00**	**146.17**
9	5 (CQC)	0.29	0.008	0.53	0.61	29.10	88.35	0.01	93.02
	6 (CQC)	0.11	0.66	0.72	0.98	165.20	172.04	0.02	238.52
Max		**0.29**	**0.66**	**0.72**	**0.98**	**165.20**	**172.04**	**0.02**	**238.52**
Min		**0.11**	**0.008**	**0.53**	**0.61**	**29.10**	**88.35**	**0.01**	**93.02**
10	5 (CQC)	0.51	0.01	0.54	0.74	86.27	108.69	0.02	138.77
	6 (CQC)	0.15	1.09	0.60	1.26	1881.81	382.30	0.01	1920.25
Max		**0.51**	**1.09**	**0.60**	**1.26**	**1881.81**	**382.30**	**0.02**	**1920.25**
Min		**0.15**	**0.01**	**0.54**	**0.74**	**86.27**	**108.69**	**0.01**	**138.77**
11	5 (CQC)	0.68	0.03	0.09	0.68	27.88	21.45	6.36	35.75
	6 (CQC)	0.06	1.86	0.16	1.87	13.07	10.08	6.59	17.77
Max		**0.68**	**1.86**	**0.16**	**1.87**	**27.88**	**21.45**	**6.59**	**35.75**
Min		**0.06**	**0.03**	**0.09**	**0.68**	**13.07**	**10.08**	**6.36**	**17.77**
12	5 (CQC)	0.67	0.06	0.28	0.73	88.18	36.69	1.53	95.52
	6 (CQC)	0.07	1.73	0.06	1.73	31.33	12.75	8.65	34.91
Max		**0.67**	**1.73**	**0.28**	**1.73**	**88.18**	**36.69**	**8.65**	**95.52**
Min		**0.07**	**0.06**	**0.06**	**0.73**	**31.33**	**12.75**	**1.53**	**34.91**
13	5 (CQC)	0.67	0.06	0.27	0.73	79.44	38.51	1.18	88.29
	6 (CQC)	0.12	1.80	0.10	1.80	35.99	20.00	10.32	42.45
Max		**0.67**	**1.80**	**0.27**	**1.80**	**79.44**	**38.51**	**10.32**	**88.29**
Min		**0.12**	**0.06**	**0.10**	**0.73**	**35.99**	**20.00**	**1.18**	**42.45**
14	5 (CQC)	0.04	0.21	0.19	0.29	135.83	185.78	29.78	232.06
	6 (CQC)	0.01	2.40	0.03	2.40	19.44	71.21	8.58	74.31
Max		**0.04**	**2.40**	**0.19**	**2.40**	**135.83**	**185.78**	**29.78**	**232.06**
Min		**0.01**	**0.21**	**0.03**	**0.29**	**19.44**	**71.21**	**8.58**	**74.31**
15	5 (CQC)	0.04	0.21	0.17	0.27	116.13	179.06	29.20	215.41
	6 (CQC)	0.05	2.49	0.03	2.49	18.77	91.02	32.81	98.55
Max		**0.05**	**2.49**	**0.17**	**2.49**	**116.13**	**179.06**	**32.81**	**215.41**
Min		**0.04**	**0.21**	**0.03**	**0.27**	**18.77**	**91.02**	**29.20**	**98.55**
16	5 (CQC)	0.00	0.00	0.00	0.00	79.42	1.42	18.03	81.45
	6 (CQC)	0.00	0.00	0.00	0.00	25.21	0.51	44.52	51.17
Max		**0.00**	**0.00**	**0.00**	**0.00**	**79.42**	**1.42**	**44.52**	**81.45**
Min		**0.00**	**0.00**	**0.00**	**0.00**	**25.21**	**0.51**	**18.03**	**51.17**
17	5 (CQC)	0.00	0.00	0.00	0.00	4.32	0.70	8.12	9.22
	6 (CQC)	0.00	0.00	0.00	0.00	33.65	0.57	56.80	66.02
Max		**0.00**	**0.00**	**0.00**	**0.00**	**33.65**	**0.70**	**56.80**	**66.02**
Min		**0.00**	**0.00**	**0.00**	**0.00**	**4.32**	**0.57**	**8.12**	**9.22**
18	5 (CQC)	0.01	0.006	0.003	0.01	31.59	0.47	4.82	31.95
	6 (CQC)	0.005	0.30	0.002	0.30	24.10	0.26	36.86	44.04
Max		**0.01**	**0.30**	**0.003**	**0.30**	**31.59**	**0.47**	**36.86**	**44.04**
Min		**0.005**	**0.006**	**0.002**	**0.01**	**24.10**	**0.26**	**4.82**	**31.95**
19	5 (CQC)	0.00	0.00	0.00	0.00	92.92	1.41	17.27	94.52
	6 (CQC)	0.00	0.00	0.00	0.00	23.65	0.60	5.57	24.30
Max		**0.00**	**0.00**	**0.00**	**0.00**	**92.92**	**1.41**	**17.27**	**94.52**
Min		**0.00**	**0.00**	**0.00**	**0.00**	**23.65**	**0.60**	**5.57**	**24.30**
20	5 (CQC)	0.30	0.03	0.60	0.67	49.51	133.38	37.53	147.14
	6 (CQC)	0.27	0.63	0.22	0.72	18.96	40.44	13.44	46.64
Max		**0.30**	**0.63**	**0.60**	**0.72**	**49.51**	**133.38**	**37.53**	**147.14**
Min		**0.27**	**0.03**	**0.22**	**0.67**	**18.96**	**40.44**	**13.44**	**46.64**
21	5 (CQC)	0.28	0.007	0.03	0.28	2.30	96.27	39.23	103.98
	6 (CQC)	0.010	0.67	0.20	0.70	4.06	388.96	12.48	389.18
Max		**0.28**	**0.67**	**0.20**	**0.70**	**4.06**	**388.96**	**39.23**	**389.18**
Min		**0.010**	**0.007**	**0.03**	**0.28**	**2.30**	**96.27**	**12.48**	**103.98**
22	5 (CQC)	0.28	0.03	0.64	0.70	45.14	131.48	37.65	144.02
	6 (CQC)	0.30	0.67	0.19	0.76	19.55	44.83	23.99	54.48
Max		**0.30**	**0.67**	**0.64**	**0.76**	**45.14**	**131.48**	**37.65**	**144.02**
Min		**0.28**	**0.03**	**0.19**	**0.70**	**19.55**	**44.83**	**23.99**	**54.48**
23	5 (CQC)	0.55	0.02	0.67	0.87	41.21	82.10	23.05	94.71
	6 (CQC)	0.25	1.22	0.21	1.26	19.51	19.15	18.67	33.11
Max		**0.55**	**1.22**	**0.67**	**1.26**	**41.21**	**82.10**	**23.05**	**94.71**
Min		**0.25**	**0.02**	**0.21**	**0.87**	**19.51**	**19.15**	**18.67**	**33.11**
24	5 (CQC)	0.55	0.01	0.04	0.55	3.39	102.94	24.58	105.89
	6 (CQC)	0.03	1.28	0.07	1.28	32.78	203.74	2.92	206.38
Max		**0.55**	**1.28**	**0.07**	**1.28**	**32.78**	**203.74**	**24.58**	**206.38**
Min		**0.03**	**0.01**	**0.04**	**0.55**	**3.39**	**102.94**	**2.92**	**105.89**
25	5 (CQC)	0.56	0.01	0.67	0.87	44.07	81.63	24.65	95.99
	6 (CQC)	0.24	1.27	0.23	1.31	13.67	19.22	18.70	30.09
Max		**0.56**	**1.27**	**0.67**	**1.31**	**44.07**	**81.63**	**24.65**	**95.99**

Accelerazioni nodi per entità									
N° Nodo	Caso di carico	Ax (m/s²)	Ay (m/s²)	Az (m/s²)	A (m/s²)	ARX (°/s²)	ARY (°/s²)	ARZ (°/s²)	AR (°/s²)
Min		**0.24**	**0.01**	**0.23**	**0.87**	**13.67**	**19.22**	**18.70**	**30.09**
26	5 (CQC)	0.68	0.02	0.04	0.68	2.32	22.19	2.43	22.44
	6 (CQC)	0.03	1.82	0.16	1.82	3.92	4.82	7.01	9.36
Max		**0.68**	**1.82**	**0.16**	**1.82**	**3.92**	**22.19**	**7.01**	**22.44**
Min		**0.03**	**0.02**	**0.04**	**0.68**	**2.32**	**4.82**	**2.43**	**9.36**
27	5 (CQC)	0.56	0.13	0.87	1.04	78.21	81.87	21.74	115.29
	6 (CQC)	0.10	2.10	0.21	2.11	13.78	25.50	3.91	29.25
Max		**0.56**	**2.10**	**0.87**	**2.11**	**78.21**	**81.87**	**21.74**	**115.29**
Min		**0.10**	**0.13**	**0.21**	**1.04**	**13.78**	**25.50**	**3.91**	**29.25**
28	5 (CQC)	0.58	0.02	0.05	0.58	3.47	117.27	20.81	119.15
	6 (CQC)	0.04	2.17	0.08	2.17	33.02	106.10	1.16	111.12
Max		**0.58**	**2.17**	**0.08**	**2.17**	**33.02**	**117.27**	**20.81**	**119.15**
Min		**0.04**	**0.02**	**0.05**	**0.58**	**3.47**	**106.10**	**1.16**	**111.12**
29	5 (CQC)	0.57	0.14	0.70	0.91	64.86	82.10	22.91	107.11
	6 (CQC)	0.12	2.17	0.22	2.18	8.76	31.05	9.38	33.60
Max		**0.57**	**2.17**	**0.70**	**2.18**	**64.86**	**82.10**	**22.91**	**107.11**
Min		**0.12**	**0.14**	**0.22**	**0.91**	**8.76**	**31.05**	**9.38**	**33.60**
30	5 (CQC)	0.31	0.19	0.96	1.03	58.75	137.59	36.44	153.98
	6 (CQC)	0.06	2.32	0.17	2.32	19.89	49.86	8.05	54.28
Max		**0.31**	**2.32**	**0.96**	**2.32**	**58.75**	**137.59**	**36.44**	**153.98**
Min		**0.06**	**0.19**	**0.17**	**1.03**	**19.89**	**49.86**	**8.05**	**54.28**
31	5 (CQC)	0.31	0.03	0.04	0.32	2.91	113.29	38.91	119.82
	6 (CQC)	0.006	2.39	0.21	2.40	5.14	200.57	10.93	200.93
Max		**0.31**	**2.39**	**0.21**	**2.40**	**5.14**	**200.57**	**38.91**	**200.93**
Min		**0.006**	**0.03**	**0.04**	**0.32**	**2.91**	**113.29**	**10.93**	**119.82**
32	5 (CQC)	0.30	0.19	0.79	0.87	45.18	134.12	36.99	146.28
	6 (CQC)	0.19	2.39	0.14	2.41	19.26	62.71	4.17	65.73
Max		**0.30**	**2.39**	**0.79**	**2.41**	**45.18**	**134.12**	**36.99**	**146.28**
Min		**0.19**	**0.19**	**0.14**	**0.87**	**19.26**	**62.71**	**4.17**	**65.73**
33	5 (CQC)	0.00	0.21	0.00	0.21	139.27	1.48	26.22	141.73
	6 (CQC)	0.00	2.39	0.00	2.39	19.82	0.28	6.74	20.93
Max		**0.00**	**2.39**	**0.00**	**2.39**	**139.27**	**1.48**	**26.22**	**141.73**
Min		**0.00**	**0.21**	**0.00**	**0.21**	**19.82**	**0.28**	**6.74**	**20.93**
34	5 (CQC)	0.00	0.03	0.00	0.03	5.31	0.71	21.34	22.00
	6 (CQC)	0.00	2.45	0.00	2.45	33.70	0.75	30.86	45.71
Max		**0.00**	**2.45**	**0.00**	**2.45**	**33.70**	**0.75**	**30.86**	**45.71**
Min		**0.00**	**0.03**	**0.00**	**0.03**	**5.31**	**0.71**	**21.34**	**22.00**
35	5 (CQC)	0.008	0.08	0.003	0.08	41.33	0.48	13.42	43.46
	6 (CQC)	0.003	2.63	0.003	2.63	24.23	0.55	31.22	39.52
Max		**0.008**	**2.63**	**0.003**	**2.63**	**41.33**	**0.55**	**31.22**	**43.46**
Min		**0.003**	**0.08**	**0.003**	**0.08**	**24.23**	**0.48**	**13.42**	**39.52**
36	5 (CQC)	0.00	0.21	0.00	0.21	119.58	1.44	26.23	122.43
	6 (CQC)	0.00	2.48	0.00	2.48	19.65	1.21	37.32	42.19
Max		**0.00**	**2.48**	**0.00**	**2.48**	**119.58**	**1.44**	**37.32**	**122.43**
Min		**0.00**	**0.21**	**0.00**	**0.21**	**19.65**	**1.21**	**26.23**	**42.19**
37	5 (CQC)	1.50	1.49	0.15	2.12	180.74	162.76	238.09	340.36
	6 (CQC)	0.35	1.08	0.08	1.14	158.22	25.45	31.35	163.29
Max		**1.50**	**1.49**	**0.15**	**2.12**	**180.74**	**162.76**	**238.09**	**340.36**
Min		**0.35**	**1.08**	**0.08**	**1.14**	**158.22**	**25.45**	**31.35**	**163.29**
38	5 (CQC)	1.48	1.33	0.18	2.00	139.72	162.80	231.99	315.98
	6 (CQC)	0.38	1.06	0.07	1.13	159.78	27.58	18.84	163.24
Max		**1.48**	**1.33**	**0.18**	**2.00**	**159.78**	**162.80**	**231.99**	**315.98**
Min		**0.38**	**1.06**	**0.07**	**1.13**	**139.72**	**27.58**	**18.84**	**163.24**
39	5 (CQC)	1.34	1.29	0.28	1.88	192.19	228.79	13.28	299.10
	6 (CQC)	0.14	1.69	0.07	1.70	323.03	16.31	15.66	323.82
Max		**1.34**	**1.69**	**0.28**	**1.88**	**323.03**	**228.79**	**15.66**	**323.82**
Min		**0.14**	**1.29**	**0.07**	**1.70**	**192.19**	**16.31**	**13.28**	**299.10**
40	5 (CQC)	1.30	0.78	0.27	1.54	123.59	224.17	5.34	256.04
	6 (CQC)	0.14	1.70	0.09	1.70	330.16	23.82	17.17	331.47
Max		**1.30**	**1.70**	**0.27**	**1.70**	**330.16**	**224.17**	**17.17**	**331.47**
Min		**0.14**	**0.78**	**0.09**	**1.54**	**123.59**	**23.82**	**5.34**	**256.04**
41	5 (CQC)	1.53	0.80	0.24	1.75	60.17	163.52	241.60	297.87
	6 (CQC)	0.39	1.58	0.10	1.63	383.58	27.24	15.89	384.87
Max		**1.53**	**1.58**	**0.24**	**1.75**	**383.58**	**163.52**	**241.60**	**384.87**
Min		**0.39**	**0.80**	**0.10**	**1.63**	**60.17**	**27.24**	**15.89**	**297.87**
42	5 (CQC)	1.50	0.90	0.23	1.76	71.38	163.44	232.15	292.75
	6 (CQC)	0.46	1.54	0.08	1.61	394.93	32.15	25.22	397.04
Max		**1.50**	**1.54**	**0.23**	**1.76**	**394.93**	**163.44**	**232.15**	**397.04**

Accelerazioni nodi per entità									
N° Nodo	**Caso di carico**	**Ax (m/s²)**	**Ay (m/s²)**	**Az (m/s²)**	**A (m/s²)**	**ARX (°/s²)**	**ARY (°/s²)**	**ARZ (°/s²)**	**AR (°/s²)**
Min		**0.46**	**0.90**	**0.08**	**1.61**	**71.38**	**32.15**	**25.22**	**292.75**
43	5 (CQC)	2.69	1.51	0.21	3.09	177.53	182.13	488.39	550.65
	6 (CQC)	0.29	2.01	0.15	2.04	184.39	51.06	34.24	194.36
Max		**2.69**	**2.01**	**0.21**	**3.09**	**184.39**	**182.13**	**488.39**	**550.65**
Min		**0.29**	**1.51**	**0.15**	**2.04**	**177.53**	**51.06**	**34.24**	**194.36**
44	5 (CQC)	2.69	1.22	0.24	2.96	156.42	178.82	475.08	531.18
	6 (CQC)	0.32	2.02	0.13	2.04	181.01	54.35	27.74	191.02
Max		**2.69**	**2.02**	**0.24**	**2.96**	**181.01**	**178.82**	**475.08**	**531.18**
Min		**0.32**	**1.22**	**0.13**	**2.04**	**156.42**	**54.35**	**27.74**	**191.02**
45	5 (CQC)	2.35	1.53	0.31	2.82	155.17	273.81	25.90	315.78
	6 (CQC)	0.05	2.63	0.11	2.64	226.09	29.92	26.52	229.60
Max		**2.35**	**2.63**	**0.31**	**2.82**	**226.09**	**273.81**	**26.52**	**315.78**
Min		**0.05**	**1.53**	**0.11**	**2.64**	**155.17**	**29.92**	**25.90**	**229.60**
46	5 (CQC)	2.34	0.96	0.29	2.55	96.20	266.83	9.95	283.82
	6 (CQC)	0.08	2.65	0.09	2.66	225.58	31.81	27.97	229.52
Max		**2.34**	**2.65**	**0.29**	**2.66**	**225.58**	**266.83**	**27.97**	**283.82**
Min		**0.08**	**0.96**	**0.09**	**2.55**	**96.20**	**31.81**	**9.95**	**229.52**
47	5 (CQC)	2.69	0.62	0.28	2.77	91.71	190.27	496.60	539.65
	6 (CQC)	0.32	2.69	0.19	2.72	192.80	55.81	29.40	202.86
Max		**2.69**	**2.69**	**0.28**	**2.77**	**192.80**	**190.27**	**496.60**	**539.65**
Min		**0.32**	**0.62**	**0.19**	**2.72**	**91.71**	**55.81**	**29.40**	**202.86**
48	5 (CQC)	2.69	0.65	0.29	2.78	113.05	181.92	477.53	523.36
	6 (CQC)	0.38	2.72	0.15	2.75	190.58	65.76	29.91	203.82
Max		**2.69**	**2.72**	**0.29**	**2.78**	**190.58**	**181.92**	**477.53**	**523.36**
Min		**0.38**	**0.65**	**0.15**	**2.75**	**113.05**	**65.76**	**29.91**	**203.82**
49	5 (CQC)	3.99	0.16	0.26	4.00	89.28	216.43	751.25	786.88
	6 (CQC)	0.28	2.85	0.23	2.87	127.39	55.39	51.54	148.16
Max		**3.99**	**2.85**	**0.26**	**4.00**	**127.39**	**216.43**	**751.25**	**786.88**
Min		**0.28**	**0.16**	**0.23**	**2.87**	**89.28**	**55.39**	**51.54**	**148.16**
50	5 (CQC)	3.98	0.18	0.30	3.99	84.70	213.98	730.37	765.77
	6 (CQC)	0.27	2.86	0.18	2.88	136.06	61.21	44.24	155.61
Max		**3.98**	**2.86**	**0.30**	**3.99**	**136.06**	**213.98**	**730.37**	**765.77**
Min		**0.27**	**0.18**	**0.18**	**2.88**	**84.70**	**61.21**	**44.24**	**155.61**
51	5 (CQC)	5.47	0.15	2.60	6.06	257.22	288.14	219.08	444.05
	6 (CQC)	0.29	2.85	0.60	2.93	52.56	40.03	32.78	73.75
Max		**5.47**	**2.85**	**2.60**	**6.06**	**257.22**	**288.14**	**219.08**	**444.05**
Min		**0.29**	**0.15**	**0.60**	**2.93**	**52.56**	**40.03**	**32.78**	**73.75**
52	5 (CQC)	5.39	0.16	2.34	5.88	222.56	281.06	213.72	417.38
	6 (CQC)	0.26	2.85	0.60	2.93	52.21	46.48	31.58	76.71
Max		**5.39**	**2.85**	**2.34**	**5.88**	**222.56**	**281.06**	**213.72**	**417.38**
Min		**0.26**	**0.16**	**0.60**	**2.93**	**52.21**	**46.48**	**31.58**	**76.71**
53	5 (CQC)	3.84	0.13	2.35	4.50	305.14	369.83	646.01	804.49
	6 (CQC)	0.26	2.85	0.33	2.88	80.78	27.82	33.72	91.85
Max		**3.84**	**2.85**	**2.35**	**4.50**	**305.14**	**369.83**	**646.01**	**804.49**
Min		**0.26**	**0.13**	**0.33**	**2.88**	**80.78**	**27.82**	**33.72**	**91.85**
54	5 (CQC)	3.83	0.15	2.09	4.36	273.79	358.25	626.21	771.65
	6 (CQC)	0.25	2.85	0.34	2.88	80.07	32.76	27.62	90.81
Max		**3.83**	**2.85**	**2.09**	**4.36**	**273.79**	**358.25**	**626.21**	**771.65**
Min		**0.25**	**0.15**	**0.34**	**2.88**	**80.07**	**32.76**	**27.62**	**90.81**
55	5 (CQC)	4.19	0.13	0.36	4.21	78.36	456.16	39.17	464.50
	6 (CQC)	0.13	2.84	0.16	2.85	144.55	24.14	38.63	151.55
Max		**4.19**	**2.84**	**0.36**	**4.21**	**144.55**	**456.16**	**39.17**	**464.50**
Min		**0.13**	**0.13**	**0.16**	**2.85**	**78.36**	**24.14**	**38.63**	**151.55**
56	5 (CQC)	4.15	0.14	0.33	4.16	93.56	440.27	14.81	450.35
	6 (CQC)	0.12	2.84	0.12	2.85	148.37	22.02	40.19	155.28
Max		**4.15**	**2.84**	**0.33**	**4.16**	**148.37**	**440.27**	**40.19**	**450.35**
Min		**0.12**	**0.14**	**0.12**	**2.85**	**93.56**	**22.02**	**14.81**	**155.28**
57	5 (CQC)	3.88	0.13	1.15	4.05	156.12	369.61	649.44	763.39
	6 (CQC)	0.25	2.84	0.69	2.93	68.47	32.24	31.65	82.03
Max		**3.88**	**2.84**	**1.15**	**4.05**	**156.12**	**369.61**	**649.44**	**763.39**
Min		**0.25**	**0.13**	**0.69**	**2.93**	**68.47**	**32.24**	**31.65**	**82.03**
58	5 (CQC)	3.85	0.15	1.67	4.19	216.53	358.27	628.08	754.80
	6 (CQC)	0.26	2.84	0.62	2.92	70.23	36.53	27.66	83.86
Max		**3.85**	**2.84**	**1.67**	**4.19**	**216.53**	**358.27**	**628.08**	**754.80**
Min		**0.26**	**0.15**	**0.62**	**2.92**	**70.23**	**36.53**	**27.66**	**83.86**
59	5 (CQC)	5.50	0.13	1.36	5.67	113.33	290.17	232.53	388.73
	6 (CQC)	0.29	2.84	0.50	2.90	99.35	47.20	27.98	113.50
Max		**5.50**	**2.84**	**1.36**	**5.67**	**113.33**	**290.17**	**232.53**	**388.73**

Accelerazioni nodi per entità									
N° Nodo	**Caso di carico**	**Ax (m/s²)**	**Ay (m/s²)**	**Az (m/s²)**	**A (m/s²)**	**ARX (°/s²)**	**ARY (°/s²)**	**ARZ (°/s²)**	**AR (°/s²)**
Min		**0.29**	**0.13**	**0.50**	**2.90**	**99.35**	**47.20**	**27.98**	**113.50**
60	5 (CQC)	5.40	0.15	1.95	5.74	160.52	282.41	218.07	391.25
	6 (CQC)	0.27	2.83	0.54	2.90	89.17	57.58	29.53	110.18
Max		**5.40**	**2.83**	**1.95**	**5.74**	**160.52**	**282.41**	**218.07**	**391.25**
Min		**0.27**	**0.15**	**0.54**	**2.90**	**89.17**	**57.58**	**29.53**	**110.18**
61	5 (CQC)	4.01	0.13	0.33	4.02	76.43	225.48	764.54	800.75
	6 (CQC)	0.27	2.84	0.27	2.86	228.02	64.39	44.39	241.06
Max		**4.01**	**2.84**	**0.33**	**4.02**	**228.02**	**225.48**	**764.54**	**800.75**
Min		**0.27**	**0.13**	**0.27**	**2.86**	**76.43**	**64.39**	**44.39**	**241.06**
62	5 (CQC)	3.98	0.15	0.36	4.00	88.57	219.18	735.37	772.44
	6 (CQC)	0.28	2.83	0.21	2.85	200.64	80.18	43.79	220.46
Max		**3.98**	**2.83**	**0.36**	**4.00**	**200.64**	**219.18**	**735.37**	**772.44**
Min		**0.28**	**0.15**	**0.21**	**2.85**	**88.57**	**80.18**	**43.79**	**220.46**
63	5 (CQC)	5.06	0.33	0.32	5.08	38.76	147.51	515.26	537.36
	6 (CQC)	0.40	3.48	0.22	3.51	140.28	36.71	63.73	158.40
Max		**5.06**	**3.48**	**0.32**	**5.08**	**140.28**	**147.51**	**515.26**	**537.36**
Min		**0.40**	**0.33**	**0.22**	**3.51**	**38.76**	**36.71**	**63.73**	**158.40**
64	5 (CQC)	6.21	0.24	0.39	6.23	51.11	198.07	10.36	204.82
	6 (CQC)	0.22	3.39	0.13	3.40	146.64	19.87	58.85	159.25
Max		**6.21**	**3.39**	**0.39**	**6.23**	**146.64**	**198.07**	**58.85**	**204.82**
Min		**0.22**	**0.24**	**0.13**	**3.40**	**51.11**	**19.87**	**10.36**	**159.25**
65	5 (CQC)	5.08	0.33	0.38	5.10	26.35	149.65	520.25	541.99
	6 (CQC)	0.49	3.50	0.25	3.55	148.54	31.41	54.71	161.38
Max		**5.08**	**3.50**	**0.38**	**5.10**	**148.54**	**149.65**	**520.25**	**541.99**
Min		**0.49**	**0.33**	**0.25**	**3.55**	**26.35**	**31.41**	**54.71**	**161.38**
66	5 (CQC)	5.08	0.27	0.28	5.09	38.29	149.37	530.31	552.27
	6 (CQC)	0.39	3.46	0.28	3.50	139.64	34.58	61.96	156.63
Max		**5.08**	**3.46**	**0.28**	**5.09**	**139.64**	**149.37**	**530.31**	**552.27**
Min		**0.39**	**0.27**	**0.28**	**3.50**	**38.29**	**34.58**	**61.96**	**156.63**
67	5 (CQC)	6.32	0.26	0.44	6.35	39.94	200.05	11.44	204.32
	6 (CQC)	0.25	3.40	0.18	3.41	145.21	18.00	56.81	156.97
Max		**6.32**	**3.40**	**0.44**	**6.35**	**145.21**	**200.05**	**56.81**	**204.32**
Min		**0.25**	**0.26**	**0.18**	**3.41**	**39.94**	**18.00**	**11.44**	**156.97**
68	5 (CQC)	5.11	0.33	0.35	5.14	25.17	153.01	539.28	561.13
	6 (CQC)	0.42	3.52	0.32	3.56	147.76	32.22	55.48	161.08
Max		**5.11**	**3.52**	**0.35**	**5.14**	**147.76**	**153.01**	**539.28**	**561.13**
Min		**0.42**	**0.33**	**0.32**	**3.56**	**25.17**	**32.22**	**55.48**	**161.08**
69	5 (CQC)	5.45	0.15	0.83	5.52	102.37	316.49	294.99	444.60
	6 (CQC)	0.39	3.86	0.49	3.91	52.10	48.22	45.51	84.33
Max		**5.45**	**3.86**	**0.83**	**5.52**	**102.37**	**316.49**	**294.99**	**444.60**
Min		**0.39**	**0.15**	**0.49**	**3.91**	**52.10**	**48.22**	**45.51**	**84.33**
70	5 (CQC)	5.73	0.18	0.97	5.81	68.95	252.72	131.97	293.32
	6 (CQC)	0.39	3.86	0.38	3.90	59.51	56.13	53.93	97.98
Max		**5.73**	**3.86**	**0.97**	**5.81**	**68.95**	**252.72**	**131.97**	**293.32**
Min		**0.39**	**0.18**	**0.38**	**3.90**	**59.51**	**56.13**	**53.93**	**97.98**
71	5 (CQC)	5.43	0.14	0.33	5.44	69.96	190.00	291.23	354.70
	6 (CQC)	0.25	3.86	0.25	3.87	115.64	46.44	105.84	163.49
Max		**5.43**	**3.86**	**0.33**	**5.44**	**115.64**	**190.00**	**291.23**	**354.70**
Min		**0.25**	**0.14**	**0.25**	**3.87**	**69.96**	**46.44**	**105.84**	**163.49**
72	5 (CQC)	5.72	0.12	1.00	5.81	74.07	248.50	134.06	291.91
	6 (CQC)	0.40	3.86	0.32	3.89	46.95	39.45	50.80	79.63
Max		**5.72**	**3.86**	**1.00**	**5.81**	**74.07**	**248.50**	**134.06**	**291.91**
Min		**0.40**	**0.12**	**0.32**	**3.89**	**46.95**	**39.45**	**50.80**	**79.63**
73	5 (CQC)	5.45	0.12	0.90	5.53	106.10	315.15	292.23	442.69
	6 (CQC)	0.39	3.86	0.36	3.90	46.48	38.84	48.30	77.47
Max		**5.45**	**3.86**	**0.90**	**5.53**	**106.10**	**315.15**	**292.23**	**442.69**
Min		**0.39**	**0.12**	**0.36**	**3.90**	**46.48**	**38.84**	**48.30**	**77.47**
74	5 (CQC)	5.42	0.12	0.47	5.44	55.97	385.75	27.49	390.76
	6 (CQC)	0.06	3.86	0.14	3.86	96.14	44.87	95.99	143.07
Max		**5.42**	**3.86**	**0.47**	**5.44**	**96.14**	**385.75**	**95.99**	**390.76**
Min		**0.06**	**0.12**	**0.14**	**3.86**	**55.97**	**44.87**	**27.49**	**143.07**
75	5 (CQC)	5.43	0.22	0.39	5.45	61.09	199.75	298.57	364.39
	6 (CQC)	0.24	3.86	0.29	3.88	133.11	67.00	87.45	172.78
Max		**5.43**	**3.86**	**0.39**	**5.45**	**133.11**	**199.75**	**298.57**	**364.39**
Min		**0.24**	**0.22**	**0.29**	**3.88**	**61.09**	**67.00**	**87.45**	**172.78**
76	5 (CQC)	5.43	0.15	0.30	5.44	64.85	192.96	301.17	363.52
	6 (CQC)	0.22	3.87	0.32	3.89	120.78	44.52	100.48	163.30
Max		**5.43**	**3.87**	**0.32**	**5.44**	**120.78**	**192.96**	**301.17**	**363.52**

Accelerazioni nodi per entità									
N° Nodo	Caso di carico	Ax (m/s²)	Ay (m/s²)	Az (m/s²)	A (m/s²)	ARX (°/s²)	ARY (°/s²)	ARZ (°/s²)	AR (°/s²)
Min		**0.22**	**0.15**	**0.30**	**3.89**	**64.85**	**44.52**	**100.48**	**163.30**
77	5 (CQC)	5.74	0.13	0.65	5.78	55.83	254.56	137.06	294.45
	6 (CQC)	0.40	3.87	0.31	3.90	71.70	35.87	48.94	93.93
Max		**5.74**	**3.87**	**0.65**	**5.78**	**71.70**	**254.56**	**137.06**	**294.45**
Min		**0.40**	**0.13**	**0.31**	**3.90**	**55.83**	**35.87**	**48.94**	**93.93**
78	5 (CQC)	5.46	0.12	0.58	5.49	85.46	324.19	301.14	450.65
	6 (CQC)	0.37	3.87	0.45	3.91	50.36	35.42	49.51	79.00
Max		**5.46**	**3.87**	**0.58**	**5.49**	**85.46**	**324.19**	**301.14**	**450.65**
Min		**0.37**	**0.12**	**0.45**	**3.91**	**50.36**	**35.42**	**49.51**	**79.00**
79	5 (CQC)	5.42	0.12	0.53	5.45	36.82	397.65	31.74	400.61
	6 (CQC)	0.08	3.86	0.19	3.87	95.09	43.44	94.66	141.04
Max		**5.42**	**3.86**	**0.53**	**5.45**	**95.09**	**397.65**	**94.66**	**400.61**
Min		**0.08**	**0.12**	**0.19**	**3.87**	**36.82**	**43.44**	**31.74**	**141.04**
80	5 (CQC)	5.46	0.15	0.58	5.49	76.43	325.97	305.34	453.14
	6 (CQC)	0.39	3.86	0.46	3.91	67.42	44.96	45.98	93.17
Max		**5.46**	**3.86**	**0.58**	**5.49**	**76.43**	**325.97**	**305.34**	**453.14**
Min		**0.39**	**0.15**	**0.46**	**3.91**	**67.42**	**44.96**	**45.98**	**93.17**
81	5 (CQC)	5.75	0.18	0.64	5.79	56.98	260.65	137.85	300.31
	6 (CQC)	0.40	3.86	0.42	3.91	62.02	51.33	55.27	97.64
Max		**5.75**	**3.86**	**0.64**	**5.79**	**62.02**	**260.65**	**137.85**	**300.31**
Min		**0.40**	**0.18**	**0.42**	**3.91**	**56.98**	**51.33**	**55.27**	**97.64**
82	5 (CQC)	5.43	0.22	0.36	5.45	53.27	207.74	308.71	375.89
	6 (CQC)	0.23	3.86	0.37	3.88	120.59	61.04	87.63	161.08
Max		**5.43**	**3.86**	**0.37**	**5.45**	**120.59**	**207.74**	**308.71**	**375.89**
Min		**0.23**	**0.22**	**0.36**	**3.88**	**53.27**	**61.04**	**87.63**	**161.08**
83	5 (CQC)	5.56	0.12	0.39	5.57	64.64	113.23	93.62	160.51
	6 (CQC)	0.20	3.94	0.23	3.95	150.35	34.87	105.69	187.06
Max		**5.56**	**3.94**	**0.39**	**5.57**	**150.35**	**113.23**	**105.69**	**187.06**
Min		**0.20**	**0.12**	**0.23**	**3.95**	**64.64**	**34.87**	**93.62**	**160.51**
84	5 (CQC)	5.56	0.10	0.49	5.58	47.06	128.33	102.42	170.80
	6 (CQC)	0.26	3.94	0.39	3.97	162.11	34.32	82.71	185.20
Max		**5.56**	**3.94**	**0.49**	**5.58**	**162.11**	**128.33**	**102.42**	**185.20**
Min		**0.26**	**0.10**	**0.39**	**3.97**	**47.06**	**34.32**	**82.71**	**170.80**
85	5 (CQC)	5.56	0.11	0.38	5.57	68.57	112.29	97.22	163.60
	6 (CQC)	0.17	3.94	0.31	3.96	155.55	29.40	100.67	187.60
Max		**5.56**	**3.94**	**0.38**	**5.57**	**155.55**	**112.29**	**100.67**	**187.60**
Min		**0.17**	**0.11**	**0.31**	**3.96**	**68.57**	**29.40**	**97.22**	**163.60**
86	5 (CQC)	5.53	0.06	0.43	5.55	47.68	205.96	31.49	213.74
	6 (CQC)	0.13	3.94	0.23	3.95	157.67	26.40	101.14	189.17
Max		**5.53**	**3.94**	**0.43**	**5.55**	**157.67**	**205.96**	**101.14**	**213.74**
Min		**0.13**	**0.06**	**0.23**	**3.95**	**47.68**	**26.40**	**31.49**	**189.17**
87	5 (CQC)	5.55	0.12	0.51	5.58	47.09	130.41	99.96	170.93
	6 (CQC)	0.28	3.94	0.29	3.96	173.56	28.45	81.80	193.97
Max		**5.55**	**3.94**	**0.51**	**5.58**	**173.56**	**130.41**	**99.96**	**193.97**
Min		**0.28**	**0.12**	**0.29**	**3.96**	**47.09**	**28.45**	**81.80**	**170.93**
88	5 (CQC)	5.53	0.06	0.35	5.54	47.84	203.61	26.70	210.86
	6 (CQC)	0.13	3.94	0.16	3.94	160.49	30.29	103.25	193.23
Max		**5.53**	**3.94**	**0.35**	**5.54**	**160.49**	**203.61**	**103.25**	**210.86**
Min		**0.13**	**0.06**	**0.16**	**3.94**	**47.84**	**30.29**	**26.70**	**193.23**
89	5 (CQC)	5.62	0.16	0.48	5.65	135.85	53.95	48.45	153.99
	6 (CQC)	0.13	4.03	0.22	4.04	71.23	33.60	65.36	102.34
Max		**5.62**	**4.03**	**0.48**	**5.65**	**135.85**	**53.95**	**65.36**	**153.99**
Min		**0.13**	**0.16**	**0.22**	**4.04**	**71.23**	**33.60**	**48.45**	**102.34**
90	5 (CQC)	5.63	0.16	1.76	5.90	188.65	50.35	34.53	198.28
	6 (CQC)	0.22	4.03	0.20	4.05	30.09	24.73	24.73	46.14
Max		**5.63**	**4.03**	**1.76**	**5.90**	**188.65**	**50.35**	**34.53**	**198.28**
Min		**0.22**	**0.16**	**0.20**	**4.05**	**30.09**	**24.73**	**24.73**	**46.14**
91	5 (CQC)	5.64	0.16	1.61	5.87	213.11	64.26	42.18	226.55
	6 (CQC)	0.18	4.04	0.20	4.05	25.61	17.22	32.79	45.03
Max		**5.64**	**4.04**	**1.61**	**5.87**	**213.11**	**64.26**	**42.18**	**226.55**
Min		**0.18**	**0.16**	**0.20**	**4.05**	**25.61**	**17.22**	**32.79**	**45.03**
92	5 (CQC)	5.64	0.16	0.48	5.66	72.70	87.72	20.33	115.72
	6 (CQC)	0.15	4.03	0.16	4.04	62.81	13.55	38.67	74.99
Max		**5.64**	**4.03**	**0.48**	**5.66**	**72.70**	**87.72**	**38.67**	**115.72**
Min		**0.15**	**0.16**	**0.16**	**4.04**	**62.81**	**13.55**	**20.33**	**74.99**
93	5 (CQC)	5.64	0.17	1.64	5.87	219.02	62.21	38.97	230.99
	6 (CQC)	0.18	4.04	0.25	4.05	46.99	21.75	39.76	65.29
Max		**5.64**	**4.04**	**1.64**	**5.87**	**219.02**	**62.21**	**39.76**	**230.99**

Accelerazioni nodi per entità									
N° Nodo	Caso di carico	Ax (m/s²)	Ay (m/s²)	Az (m/s²)	A (m/s²)	ARX (°/s²)	ARY (°/s²)	ARZ (°/s²)	AR (°/s²)
Min		**0.18**	**0.17**	**0.25**	**4.05**	**46.99**	**21.75**	**38.97**	**65.29**
94	5 (CQC)	5.63	0.18	1.79	5.91	198.70	52.31	35.03	208.44
	6 (CQC)	0.26	4.04	0.28	4.05	29.11	32.07	25.07	50.05
Max		**5.63**	**4.04**	**1.79**	**5.91**	**198.70**	**52.31**	**35.03**	**208.44**
Min		**0.26**	**0.18**	**0.28**	**4.05**	**29.11**	**32.07**	**25.07**	**50.05**
95	5 (CQC)	5.63	0.19	0.64	5.67	151.92	65.51	38.35	169.83
	6 (CQC)	0.22	4.03	0.28	4.05	98.65	43.02	76.96	132.31
Max		**5.63**	**4.03**	**0.64**	**5.67**	**151.92**	**65.51**	**76.96**	**169.83**
Min		**0.22**	**0.19**	**0.28**	**4.05**	**98.65**	**43.02**	**38.35**	**132.31**
96	5 (CQC)	5.63	0.16	0.48	5.65	135.03	55.47	39.65	151.27
	6 (CQC)	0.12	4.03	0.29	4.04	70.88	30.04	65.28	100.94
Max		**5.63**	**4.03**	**0.48**	**5.65**	**135.03**	**55.47**	**65.28**	**151.27**
Min		**0.12**	**0.16**	**0.29**	**4.04**	**70.88**	**30.04**	**39.65**	**100.94**
97	5 (CQC)	5.63	0.16	1.84	5.92	193.80	52.05	27.21	202.50
	6 (CQC)	0.21	4.04	0.21	4.05	44.17	22.15	22.47	54.28
Max		**5.63**	**4.04**	**1.84**	**5.92**	**193.80**	**52.05**	**27.21**	**202.50**
Min		**0.21**	**0.16**	**0.21**	**4.05**	**44.17**	**22.15**	**22.47**	**54.28**
98	5 (CQC)	5.64	0.16	1.68	5.88	222.80	64.50	38.57	235.14
	6 (CQC)	0.18	4.04	0.22	4.05	38.20	17.49	30.36	51.84
Max		**5.64**	**4.04**	**1.68**	**5.88**	**222.80**	**64.50**	**38.57**	**235.14**
Min		**0.18**	**0.16**	**0.22**	**4.05**	**38.20**	**17.49**	**30.36**	**51.84**
99	5 (CQC)	5.64	0.16	0.56	5.67	75.46	86.20	11.78	115.17
	6 (CQC)	0.14	4.03	0.23	4.04	60.78	18.67	38.48	74.33
Max		**5.64**	**4.03**	**0.56**	**5.67**	**75.46**	**86.20**	**38.48**	**115.17**
Min		**0.14**	**0.16**	**0.23**	**4.04**	**60.78**	**18.67**	**11.78**	**74.33**
100	5 (CQC)	5.64	0.17	1.80	5.92	233.29	61.93	43.97	245.34
	6 (CQC)	0.19	4.04	0.23	4.05	60.21	23.43	36.95	74.43
Max		**5.64**	**4.04**	**1.80**	**5.92**	**233.29**	**61.93**	**43.97**	**245.34**
Min		**0.19**	**0.17**	**0.23**	**4.05**	**60.21**	**23.43**	**36.95**	**74.43**
101	5 (CQC)	5.63	0.19	1.93	5.96	212.43	51.52	36.69	221.65
	6 (CQC)	0.25	4.04	0.31	4.06	33.59	31.22	24.97	52.21
Max		**5.63**	**4.04**	**1.93**	**5.96**	**212.43**	**51.52**	**36.69**	**221.65**
Min		**0.25**	**0.19**	**0.31**	**4.06**	**33.59**	**31.22**	**24.97**	**52.21**
102	5 (CQC)	5.63	0.20	0.61	5.67	158.54	62.35	38.49	174.66
	6 (CQC)	0.21	4.03	0.38	4.06	103.84	40.32	78.40	136.22
Max		**5.63**	**4.03**	**0.61**	**5.67**	**158.54**	**62.35**	**78.40**	**174.66**
Min		**0.21**	**0.20**	**0.38**	**4.06**	**103.84**	**40.32**	**38.49**	**136.22**
103	5 (CQC)	5.64	0.29	0.66	5.68	99.29	37.43	58.77	121.30
	6 (CQC)	0.11	4.06	0.26	4.07	48.07	62.97	157.01	175.86
Max		**5.64**	**4.06**	**0.66**	**5.68**	**99.29**	**62.97**	**157.01**	**175.86**
Min		**0.11**	**0.29**	**0.26**	**4.07**	**48.07**	**37.43**	**58.77**	**121.30**
104	5 (CQC)	5.64	0.31	0.60	5.68	97.08	52.46	63.13	127.13
	6 (CQC)	0.09	4.06	0.30	4.07	52.82	72.93	157.36	181.31
Max		**5.64**	**4.06**	**0.60**	**5.68**	**97.08**	**72.93**	**157.36**	**181.31**
Min		**0.09**	**0.31**	**0.30**	**4.07**	**52.82**	**52.46**	**63.13**	**127.13**
105	5 (CQC)	5.68	0.21	0.60	5.72	49.07	40.37	24.09	67.96
	6 (CQC)	0.06	4.05	0.15	4.06	64.22	51.16	145.82	167.34
Max		**5.68**	**4.05**	**0.60**	**5.72**	**64.22**	**51.16**	**145.82**	**167.34**
Min		**0.06**	**0.21**	**0.15**	**4.06**	**49.07**	**40.37**	**24.09**	**67.96**
106	5 (CQC)	5.68	0.21	0.54	5.71	58.59	33.25	28.07	72.98
	6 (CQC)	0.09	4.05	0.12	4.06	63.92	42.31	146.98	165.77
Max		**5.68**	**4.05**	**0.54**	**5.71**	**63.92**	**42.31**	**146.98**	**165.77**
Min		**0.09**	**0.21**	**0.12**	**4.06**	**58.59**	**33.25**	**28.07**	**72.98**
107	5 (CQC)	5.64	0.22	0.48	5.66	85.80	39.89	45.98	105.21
	6 (CQC)	0.05	4.06	0.28	4.07	59.64	41.43	142.83	160.23
Max		**5.64**	**4.06**	**0.48**	**5.66**	**85.80**	**41.43**	**142.83**	**160.23**
Min		**0.05**	**0.22**	**0.28**	**4.07**	**59.64**	**39.89**	**45.98**	**105.21**
108	5 (CQC)	5.64	0.21	0.48	5.66	92.15	29.25	49.95	108.82
	6 (CQC)	0.06	4.06	0.23	4.06	55.95	39.17	144.10	159.47
Max		**5.64**	**4.06**	**0.48**	**5.66**	**92.15**	**39.17**	**144.10**	**159.47**
Min		**0.06**	**0.21**	**0.23**	**4.06**	**55.95**	**29.25**	**49.95**	**108.82**
109	5 (CQC)	5.62	0.18	0.45	5.64	53.50	100.58	65.34	131.33
	6 (CQC)	0.04	4.09	0.33	4.10	72.25	41.83	139.89	162.91
Max		**5.62**	**4.09**	**0.45**	**5.64**	**72.25**	**100.58**	**139.89**	**162.91**
Min		**0.04**	**0.18**	**0.33**	**4.10**	**53.50**	**41.83**	**65.34**	**131.33**
110	5 (CQC)	5.69	0.15	0.40	5.70	16.85	99.49	40.64	108.78
	6 (CQC)	0.03	4.09	0.10	4.09	89.57	47.17	140.99	173.57
Max		**5.69**	**4.09**	**0.40**	**5.70**	**89.57**	**99.49**	**140.99**	**173.57**

Accelerazioni nodi per entità									
N° Nodo	Caso di carico	Ax (m/s²)	Ay (m/s²)	Az (m/s²)	A (m/s²)	ARX (°/s²)	ARY (°/s²)	ARZ (°/s²)	AR (°/s²)
Min		**0.03**	**0.15**	**0.10**	**4.09**	**16.85**	**47.17**	**40.64**	**108.78**
111	5 (CQC)	5.69	0.15	0.36	5.70	40.46	94.26	42.38	110.99
	6 (CQC)	0.04	4.09	0.14	4.09	89.40	32.80	143.23	172.00
Max		**5.69**	**4.09**	**0.36**	**5.70**	**89.40**	**94.26**	**143.23**	**172.00**
Min		**0.04**	**0.15**	**0.14**	**4.09**	**40.46**	**32.80**	**42.38**	**110.99**
112	5 (CQC)	5.62	0.18	0.37	5.64	41.37	108.51	69.26	135.21
	6 (CQC)	0.02	4.09	0.29	4.10	73.35	66.05	138.12	169.77
Max		**5.62**	**4.09**	**0.37**	**5.64**	**73.35**	**108.51**	**138.12**	**169.77**
Min		**0.02**	**0.18**	**0.29**	**4.10**	**41.37**	**66.05**	**69.26**	**135.21**
113	5 (CQC)	5.62	0.14	0.31	5.63	38.13	81.74	47.90	102.13
	6 (CQC)	0.02	4.09	0.32	4.10	85.13	35.88	132.47	161.50
Max		**5.62**	**4.09**	**0.32**	**5.63**	**85.13**	**81.74**	**132.47**	**161.50**
Min		**0.02**	**0.14**	**0.31**	**4.10**	**38.13**	**35.88**	**47.90**	**102.13**
114	5 (CQC)	5.62	0.13	0.32	5.63	52.07	77.53	49.54	105.72
	6 (CQC)	0.03	4.09	0.29	4.10	83.59	35.78	134.91	162.69
Max		**5.62**	**4.09**	**0.32**	**5.63**	**83.59**	**77.53**	**134.91**	**162.69**
Min		**0.03**	**0.13**	**0.29**	**4.10**	**52.07**	**35.78**	**49.54**	**105.72**
115	5 (CQC)	5.61	0.01	0.10	5.61	20.70	97.18	41.84	107.81
	6 (CQC)	0.03	4.13	0.34	4.14	80.54	23.55	2.77	83.96
Max		**5.61**	**4.13**	**0.34**	**5.61**	**80.54**	**97.18**	**41.84**	**107.81**
Min		**0.03**	**0.01**	**0.10**	**4.14**	**20.70**	**23.55**	**2.77**	**83.96**
116	5 (CQC)	5.65	0.01	0.10	5.66	17.70	82.33	71.57	110.51
	6 (CQC)	0.03	4.13	0.35	4.15	56.02	19.30	6.57	59.62
Max		**5.65**	**4.13**	**0.35**	**5.66**	**56.02**	**82.33**	**71.57**	**110.51**
Min		**0.03**	**0.01**	**0.10**	**4.15**	**17.70**	**19.30**	**6.57**	**59.62**
117	5 (CQC)	5.70	0.01	0.13	5.70	10.79	92.38	48.77	105.03
	6 (CQC)	0.02	4.14	0.36	4.15	43.85	15.17	7.71	47.03
Max		**5.70**	**4.14**	**0.36**	**5.70**	**43.85**	**92.38**	**48.77**	**105.03**
Min		**0.02**	**0.01**	**0.13**	**4.15**	**10.79**	**15.17**	**7.71**	**47.03**
118	5 (CQC)	5.68	0.01	0.05	5.68	19.90	121.31	49.29	132.44
	6 (CQC)	0.04	4.13	0.17	4.14	80.06	11.28	2.72	80.89
Max		**5.68**	**4.13**	**0.17**	**5.68**	**80.06**	**121.31**	**49.29**	**132.44**
Min		**0.04**	**0.01**	**0.05**	**4.14**	**19.90**	**11.28**	**2.72**	**80.89**
119	5 (CQC)	5.72	0.01	0.18	5.72	6.95	93.23	43.42	103.08
	6 (CQC)	0.04	4.14	0.37	4.15	43.17	14.70	7.39	46.20
Max		**5.72**	**4.14**	**0.37**	**5.72**	**43.17**	**93.23**	**43.42**	**103.08**
Min		**0.04**	**0.01**	**0.18**	**4.15**	**6.95**	**14.70**	**7.39**	**46.20**
120	5 (CQC)	5.65	0.01	0.09	5.66	24.44	95.78	95.56	137.49
	6 (CQC)	0.03	4.13	0.34	4.15	56.04	18.28	7.74	59.45
Max		**5.65**	**4.13**	**0.34**	**5.66**	**56.04**	**95.78**	**95.56**	**137.49**
Min		**0.03**	**0.01**	**0.09**	**4.15**	**24.44**	**18.28**	**7.74**	**59.45**
121	5 (CQC)	5.61	0.009	0.14	5.62	21.22	127.13	45.59	136.71
	6 (CQC)	0.04	4.13	0.37	4.15	75.64	21.93	2.95	78.81
Max		**5.61**	**4.13**	**0.37**	**5.62**	**75.64**	**127.13**	**45.59**	**136.71**
Min		**0.04**	**0.009**	**0.14**	**4.15**	**21.22**	**21.93**	**2.95**	**78.81**
122	5 (CQC)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	6 (CQC)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Min		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
123	5 (CQC)	0.03	0.009	0.11	0.11	111.96	173.09	0.01	206.15
	6 (CQC)	0.06	0.11	0.04	0.13	236.47	439.13	0.06	498.75
Max		**0.06**	**0.11**	**0.11**	**0.13**	**236.47**	**439.13**	**0.06**	**498.75**
Min		**0.03**	**0.009**	**0.04**	**0.11**	**111.96**	**173.09**	**0.01**	**206.15**
124	5 (CQC)	0.03	0.008	0.13	0.13	114.75	111.75	0.01	160.18
	6 (CQC)	0.02	0.12	0.03	0.13	112.01	583.00	0.05	593.66
Max		**0.03**	**0.12**	**0.13**	**0.13**	**114.75**	**583.00**	**0.05**	**593.66**
Min		**0.02**	**0.008**	**0.03**	**0.13**	**112.01**	**111.75**	**0.01**	**160.18**
125	5 (CQC)	0.68	0.03	0.09	0.68	100.14	56.84	0.01	115.15
	6 (CQC)	0.06	1.86	0.16	1.87	1822.07	107.68	0.03	1825.25
Max		**0.68**	**1.86**	**0.16**	**1.87**	**1822.07**	**107.68**	**0.03**	**1825.25**
Min		**0.06**	**0.03**	**0.09**	**0.68**	**100.14**	**56.84**	**0.01**	**115.15**
126	5 (CQC)	0.67	0.06	0.28	0.73	86.78	47.39	0.00	98.87
	6 (CQC)	0.07	1.73	0.06	1.73	193.02	114.48	0.05	224.41
Max		**0.67**	**1.73**	**0.28**	**1.73**	**193.02**	**114.48**	**0.05**	**224.41**
Min		**0.07**	**0.06**	**0.06**	**0.73**	**86.78**	**47.39**	**0.00**	**98.87**
127	5 (CQC)	0.67	0.06	0.27	0.73	86.76	73.51	0.00	113.72
	6 (CQC)	0.12	1.80	0.10	1.80	145.82	111.99	0.04	183.86
Max		**0.67**	**1.80**	**0.27**	**1.80**	**145.82**	**111.99**	**0.04**	**183.86**

Accelerazioni nodi per entità									
N° Nodo	Caso di carico	Ax (m/s²)	Ay (m/s²)	Az (m/s²)	A (m/s²)	ARX (°/s²)	ARY (°/s²)	ARZ (°/s²)	AR (°/s²)
Min		**0.12**	**0.06**	**0.10**	**0.73**	**86.76**	**73.51**	**0.00**	**113.72**
128	5 (CQC)	0.00	0.00	0.00	0.00	135.03	77.13	0.01	155.51
	6 (CQC)	0.00	0.00	0.00	0.00	275.09	93.57	0.01	290.57
Max		**0.00**	**0.00**	**0.00**	**0.00**	**275.09**	**93.57**	**0.01**	**290.57**
Min		**0.00**	**0.00**	**0.00**	**0.00**	**135.03**	**77.13**	**0.01**	**155.51**
129	5 (CQC)	0.00	0.00	0.00	0.00	5.12	79.21	0.00	79.37
	6 (CQC)	0.00	0.00	0.00	0.00	48.00	93.28	0.01	104.90
Max		**0.00**	**0.00**	**0.00**	**0.00**	**48.00**	**93.28**	**0.01**	**104.90**
Min		**0.00**	**0.00**	**0.00**	**0.00**	**5.12**	**79.21**	**0.00**	**79.37**
130	5 (CQC)	0.01	0.006	0.003	0.01	140.15	77.42	0.00	160.11
	6 (CQC)	0.005	0.30	0.002	0.30	1907.11	96.01	0.01	1909.53
Max		**0.01**	**0.30**	**0.003**	**0.30**	**1907.11**	**96.01**	**0.01**	**1909.53**
Min		**0.005**	**0.006**	**0.002**	**0.01**	**140.15**	**77.42**	**0.00**	**160.11**
131	5 (CQC)	0.00	0.00	0.00	0.00	134.51	79.55	0.00	156.27
	6 (CQC)	0.00	0.00	0.00	0.00	74.93	93.73	0.02	120.00
Max		**0.00**	**0.00**	**0.00**	**0.00**	**134.51**	**93.73**	**0.02**	**156.27**
Min		**0.00**	**0.00**	**0.00**	**0.00**	**74.93**	**79.55**	**0.00**	**120.00**
132	5 (CQC)	0.30	0.03	0.60	0.67	141.30	317.49	0.00	347.51
	6 (CQC)	0.27	0.63	0.22	0.72	193.30	426.47	0.02	468.23
Max		**0.30**	**0.63**	**0.60**	**0.72**	**193.30**	**426.47**	**0.02**	**468.23**
Min		**0.27**	**0.03**	**0.22**	**0.67**	**141.30**	**317.49**	**0.00**	**347.51**
133	5 (CQC)	0.28	0.03	0.64	0.70	120.31	229.72	0.00	259.32
	6 (CQC)	0.30	0.67	0.19	0.76	131.73	2330.34	0.00	2334.06
Max		**0.30**	**0.67**	**0.64**	**0.76**	**131.73**	**2330.34**	**0.00**	**2334.06**
Min		**0.28**	**0.03**	**0.19**	**0.70**	**120.31**	**229.72**	**0.00**	**259.32**
134	5 (CQC)	0.55	0.02	0.67	0.87	120.55	146.36	0.00	189.61
	6 (CQC)	0.25	1.22	0.21	1.26	176.33	186.81	0.04	256.88
Max		**0.55**	**1.22**	**0.67**	**1.26**	**176.33**	**186.81**	**0.04**	**256.88**
Min		**0.25**	**0.02**	**0.21**	**0.87**	**120.55**	**146.36**	**0.00**	**189.61**
135	5 (CQC)	0.56	0.01	0.67	0.87	107.26	347.26	0.00	363.45
	6 (CQC)	0.24	1.27	0.23	1.31	138.64	948.27	0.01	958.35
Max		**0.56**	**1.27**	**0.67**	**1.31**	**138.64**	**948.27**	**0.01**	**958.35**
Min		**0.24**	**0.01**	**0.23**	**0.87**	**107.26**	**347.26**	**0.00**	**363.45**
136	5 (CQC)	0.68	0.02	0.04	0.68	2.78	44.41	0.01	44.50
	6 (CQC)	0.03	1.82	0.16	1.82	16.55	113.99	0.01	115.19
Max		**0.68**	**1.82**	**0.16**	**1.82**	**16.55**	**113.99**	**0.01**	**115.19**
Min		**0.03**	**0.02**	**0.04**	**0.68**	**2.78**	**44.41**	**0.01**	**44.50**
137	5 (CQC)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	6 (CQC)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Min		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
138	5 (CQC)	0.68	0.03	0.09	0.68	107.09	59.86	0.01	122.69
	6 (CQC)	0.06	1.86	0.16	1.87	1254.71	60.19	0.01	1256.16
Max		**0.68**	**1.86**	**0.16**	**1.87**	**1254.71**	**60.19**	**0.01**	**1256.16**
Min		**0.06**	**0.03**	**0.09**	**0.68**	**107.09**	**59.86**	**0.01**	**122.69**
139	5 (CQC)	0.67	0.06	0.28	0.73	173.70	49.93	0.00	180.73
	6 (CQC)	0.07	1.73	0.06	1.73	541.03	67.10	0.03	545.18
Max		**0.67**	**1.73**	**0.28**	**1.73**	**541.03**	**67.10**	**0.03**	**545.18**
Min		**0.07**	**0.06**	**0.06**	**0.73**	**173.70**	**49.93**	**0.00**	**180.73**
140	5 (CQC)	0.67	0.06	0.27	0.73	145.10	76.05	0.01	163.82
	6 (CQC)	0.12	1.80	0.10	1.80	264.92	66.15	0.04	273.06
Max		**0.67**	**1.80**	**0.27**	**1.80**	**264.92**	**76.05**	**0.04**	**273.06**
Min		**0.12**	**0.06**	**0.10**	**0.73**	**145.10**	**66.15**	**0.01**	**163.82**
141	5 (CQC)	0.04	0.21	0.19	0.29	206.07	196.88	0.01	285.00
	6 (CQC)	0.01	2.40	0.03	2.40	529.85	603.93	0.02	803.42
Max		**0.04**	**2.40**	**0.19**	**2.40**	**529.85**	**603.93**	**0.02**	**803.42**
Min		**0.01**	**0.21**	**0.03**	**0.29**	**206.07**	**196.88**	**0.01**	**285.00**
142	5 (CQC)	0.04	0.21	0.17	0.27	175.31	120.44	0.00	212.70
	6 (CQC)	0.05	2.49	0.03	2.49	264.86	525.17	0.01	588.18
Max		**0.05**	**2.49**	**0.17**	**2.49**	**264.86**	**525.17**	**0.01**	**588.18**
Min		**0.04**	**0.21**	**0.03**	**0.27**	**175.31**	**120.44**	**0.00**	**212.70**
143	5 (CQC)	0.68	0.02	0.04	0.68	3.31	46.68	0.00	46.80
	6 (CQC)	0.03	1.82	0.16	1.82	19.07	65.17	0.00	67.90
Max		**0.68**	**1.82**	**0.16**	**1.82**	**19.07**	**65.17**	**0.00**	**67.90**
Min		**0.03**	**0.02**	**0.04**	**0.68**	**3.31**	**46.68**	**0.00**	**46.80**
144	5 (CQC)	0.56	0.13	0.87	1.04	59.48	223.55	0.00	231.33
	6 (CQC)	0.10	2.10	0.21	2.11	556.07	85.30	0.04	562.57
Max		**0.56**	**2.10**	**0.87**	**2.11**	**556.07**	**223.55**	**0.04**	**562.57**

Accelerazioni nodi per entità									
N° Nodo	**Caso di carico**	**Ax (m/s²)**	**Ay (m/s²)**	**Az (m/s²)**	**A (m/s²)**	**ARX (°/s²)**	**ARY (°/s²)**	**ARZ (°/s²)**	**AR (°/s²)**
Min		**0.10**	**0.13**	**0.21**	**1.04**	**59.48**	**85.30**	**0.00**	**231.33**
145	5 (CQC)	0.57	0.14	0.70	0.91	66.40	312.52	0.00	319.50
	6 (CQC)	0.12	2.17	0.22	2.18	260.80	858.35	0.02	897.10
Max		**0.57**	**2.17**	**0.70**	**2.18**	**260.80**	**858.35**	**0.02**	**897.10**
Min		**0.12**	**0.14**	**0.22**	**0.91**	**66.40**	**312.52**	**0.00**	**319.50**
146	5 (CQC)	0.31	0.19	0.96	1.03	46.23	335.39	0.00	338.56
	6 (CQC)	0.06	2.32	0.17	2.32	556.63	587.17	0.03	809.08
Max		**0.31**	**2.32**	**0.96**	**2.32**	**556.63**	**587.17**	**0.03**	**809.08**
Min		**0.06**	**0.19**	**0.17**	**1.03**	**46.23**	**335.39**	**0.00**	**338.56**
147	5 (CQC)	0.30	0.19	0.79	0.87	60.97	318.83	0.00	324.61
	6 (CQC)	0.19	2.39	0.14	2.41	270.54	1757.23	0.00	1777.93
Max		**0.30**	**2.39**	**0.79**	**2.41**	**270.54**	**1757.23**	**0.00**	**1777.93**
Min		**0.19**	**0.19**	**0.14**	**0.87**	**60.97**	**318.83**	**0.00**	**324.61**
148	5 (CQC)	0.00	0.21	0.00	0.21	92.32	84.60	0.00	125.22
	6 (CQC)	0.00	2.39	0.00	2.39	515.66	74.16	0.00	520.97
Max		**0.00**	**2.39**	**0.00**	**2.39**	**515.66**	**84.60**	**0.00**	**520.97**
Min		**0.00**	**0.21**	**0.00**	**0.21**	**92.32**	**74.16**	**0.00**	**125.22**
149	5 (CQC)	0.00	0.03	0.00	0.03	6.28	86.03	0.01	86.26
	6 (CQC)	0.00	2.45	0.00	2.45	43.93	73.54	0.01	85.66
Max		**0.00**	**2.45**	**0.00**	**2.45**	**43.93**	**86.03**	**0.01**	**86.26**
Min		**0.00**	**0.03**	**0.00**	**0.03**	**6.28**	**73.54**	**0.01**	**85.66**
150	5 (CQC)	0.008	0.08	0.003	0.08	134.48	84.78	0.00	158.98
	6 (CQC)	0.003	2.63	0.003	2.63	1354.91	73.26	0.00	1356.89
Max		**0.008**	**2.63**	**0.003**	**2.63**	**1354.91**	**84.78**	**0.00**	**1356.89**
Min		**0.003**	**0.08**	**0.003**	**0.08**	**134.48**	**73.26**	**0.00**	**158.98**
151	5 (CQC)	0.00	0.21	0.00	0.21	94.86	86.10	0.00	128.11
	6 (CQC)	0.00	2.48	0.00	2.48	240.44	73.05	0.00	251.29
Max		**0.00**	**2.48**	**0.00**	**2.48**	**240.44**	**86.10**	**0.00**	**251.29**
Min		**0.00**	**0.21**	**0.00**	**0.21**	**94.86**	**73.05**	**0.00**	**128.11**

Forze

Elementi lineari

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	**Elemento N°**	**Mesh**	**N° Nodo**	**Fx(kN)**	**Fy(kN)**	**Fz(kN)**	**Mx(kN*m)**	**My(kN*m)**	**Mz(kN*m)**
1	1	1.1	121	-0.17	0.13	0.00	0.00	0.00	-0.04
			120	-0.17	0.08	0.00	0.00	0.00	0.01
		1.2	120	-0.17	0.08	0.00	0.00	0.00	0.01
			119	-0.17	0.03	0.00	0.00	0.00	0.04
		1.3	119	-0.17	0.03	0.00	0.00	0.00	0.04
			118	-0.17	-0.03	0.00	0.00	0.00	0.04
	2	2.1	99	-0.27	0.01	-0.04	0.01	0.06	0.04
			100	-0.27	-0.03	-0.08	0.01	0.03	0.03
		2.2	100	-0.27	-0.03	-0.08	0.01	0.03	0.03
			101	-0.27	-0.07	-0.11	0.01	-0.02	0.01
		2.3	101	-0.27	-0.07	-0.11	0.01	-0.02	0.01
			102	-0.27	-0.11	-0.15	0.01	-0.08	-0.03
	3	3.1	96	-0.27	0.11	0.15	-0.01	-0.08	-0.03
			97	-0.27	0.07	0.11	-0.01	-0.02	0.01
		3.2	97	-0.27	0.07	0.11	-0.01	-0.02	0.01
			98	-0.27	0.03	0.08	-0.01	0.03	0.03
		3.3	98	-0.27	0.03	0.08	-0.01	0.03	0.03
			99	-0.27	-0.01	0.04	-0.01	0.06	0.04
	4	4.1	118	-0.17	0.03	0.00	0.00	0.00	0.04
			117	-0.17	-0.03	0.00	0.00	0.00	0.04
		4.2	117	-0.17	-0.03	0.00	0.00	0.00	0.04
			116	-0.17	-0.08	0.00	0.00	0.00	0.01
		4.3	116	-0.17	-0.08	0.00	0.00	0.00	0.01
			115	-0.17	-0.13	0.00	0.00	0.00	-0.04
	5	5.1	76	-0.57	0.12	0.02	0.00	-0.04	-0.06
			66	-0.62	0.12	0.02	0.00	-0.02	-0.01
		5.2	66	-0.62	0.12	0.02	0.00	-0.02	-0.01
			49	-0.68	0.12	0.02	0.00	-0.01	0.05
		5.3	49	-0.92	0.14	0.01	0.00	-0.01	-0.08

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			43	-0.97	0.14	0.01	0.00	-0.01	0.00
		5.4	43	-0.97	0.14	0.01	0.00	-0.01	0.00
			37	-1.03	0.14	0.01	0.00	0.00	0.06
		5.5	37	-1.03	0.14	0.01	0.00	0.00	0.06
			5	-1.09	0.14	0.01	0.00	0.01	0.13
	6	6.1	71	-0.57	0.12	-0.02	0.00	0.04	-0.06
			63	-0.62	0.12	-0.02	0.00	0.02	-0.01
		6.2	63	-0.62	0.12	-0.02	0.00	0.02	-0.01
			50	-0.68	0.12	-0.02	0.00	0.01	0.05
		6.3	50	-0.92	0.14	-0.01	0.00	0.01	-0.08
			44	-0.98	0.14	-0.01	0.00	0.01	0.00
		6.4	44	-0.98	0.14	-0.01	0.00	0.01	0.00
			38	-1.03	0.14	-0.01	0.00	0.00	0.07
		6.5	38	-1.03	0.14	-0.01	0.00	0.00	0.07
			6	-1.09	0.14	-0.01	0.00	-0.01	0.13
	7	7.1	74	0.02	0.00	0.00	0.00	0.01	0.00
			64	-0.04	0.00	0.00	0.00	0.01	0.00
		7.2	64	-0.04	0.00	0.00	0.00	0.01	0.00
			56	-0.09	0.00	0.00	0.00	0.01	0.00
		7.3	56	0.07	0.00	-0.02	0.00	0.01	0.00
			46	0.01	0.00	-0.02	0.00	0.00	0.00
		7.4	46	0.01	0.00	-0.02	0.00	0.00	0.00
			40	-0.05	0.00	-0.02	0.00	-0.01	0.00
		7.5	40	-0.05	0.00	-0.02	0.00	-0.01	0.00
			13	-0.10	0.00	-0.02	0.00	-0.02	0.00
	8	8.1	79	0.02	0.00	0.00	0.00	-0.01	0.00
			67	-0.04	0.00	0.00	0.00	-0.01	0.00
		8.2	67	-0.04	0.00	0.00	0.00	-0.01	0.00
			55	-0.09	0.00	0.00	0.00	-0.01	0.00
		8.3	55	0.07	0.00	0.02	0.00	-0.01	0.00
			45	0.01	0.00	0.02	0.00	0.00	0.00
		8.4	45	0.01	0.00	0.02	0.00	0.00	0.00
			39	-0.05	0.00	0.02	0.00	0.01	0.00
		8.5	39	-0.05	0.00	0.02	0.00	0.01	0.00
			12	-0.10	0.00	0.02	0.00	0.02	0.00
	9	9.1	75	-0.57	-0.12	-0.02	0.00	0.04	0.06
			65	-0.62	-0.12	-0.02	0.00	0.02	0.01
		9.2	65	-0.62	-0.12	-0.02	0.00	0.02	0.01
			62	-0.68	-0.12	-0.02	0.00	0.01	-0.05
		9.3	62	-0.92	-0.14	-0.01	0.00	0.01	0.08
			48	-0.98	-0.14	-0.01	0.00	0.01	0.00
		9.4	48	-0.98	-0.14	-0.01	0.00	0.01	0.00
			42	-1.03	-0.14	-0.01	0.00	0.00	-0.07
		9.5	42	-1.03	-0.14	-0.01	0.00	0.00	-0.07
			15	-1.09	-0.14	-0.01	0.00	-0.01	-0.13
	10	10.1	82	-0.57	-0.12	0.02	0.00	-0.04	0.06
			68	-0.62	-0.12	0.02	0.00	-0.02	0.01
		10.2	68	-0.62	-0.12	0.02	0.00	-0.02	0.01
			61	-0.68	-0.12	0.02	0.00	-0.01	-0.05
		10.3	61	-0.92	-0.14	0.01	0.00	-0.01	0.08
			47	-0.97	-0.14	0.01	0.00	-0.01	0.00
		10.4	47	-0.97	-0.14	0.01	0.00	-0.01	0.00
			41	-1.03	-0.14	0.01	0.00	0.00	-0.06
		10.5	41	-1.03	-0.14	0.01	0.00	0.00	-0.06
			14	-1.09	-0.14	0.01	0.00	0.01	-0.13
	11	11.1	82	0.24	0.22	-0.02	0.00	0.02	-0.11
			81	0.24	0.16	-0.02	0.00	0.01	-0.02
		11.2	81	0.24	0.16	-0.02	0.00	0.01	-0.02
			80	0.24	0.11	-0.02	0.00	0.01	0.05
		11.3	80	0.24	0.11	-0.02	0.00	0.01	0.05
			79	0.24	0.06	-0.02	0.00	0.00	0.09
		11.4	79	0.24	-0.06	0.02	0.00	0.00	0.09
			78	0.24	-0.11	0.02	0.00	0.01	0.05
		11.5	78	0.24	-0.11	0.02	0.00	0.01	0.05
			77	0.24	-0.16	0.02	0.00	0.01	-0.02
		11.6	77	0.24	-0.16	0.02	0.00	0.01	-0.02
			76	0.24	-0.22	0.02	0.00	0.02	-0.11

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	12	12.1	56	-0.02	-0.08	0.01	0.00	-0.01	0.10
			54	-0.02	-0.13	0.01	0.00	-0.01	0.05
		12.2	54	-0.02	-0.13	0.01	0.00	-0.01	0.05
			52	-0.02	-0.19	0.01	0.00	0.00	-0.03
		12.3	52	-0.02	-0.19	0.01	0.00	0.00	-0.03
			50	-0.02	-0.24	0.01	0.00	0.00	-0.13
	13	13.1	55	-0.02	-0.08	-0.01	0.00	0.01	0.10
			53	-0.02	-0.13	-0.01	0.00	0.01	0.05
		13.2	53	-0.02	-0.13	-0.01	0.00	0.01	0.05
			51	-0.02	-0.19	-0.01	0.00	0.00	-0.03
		13.3	51	-0.02	-0.19	-0.01	0.00	0.00	-0.03
			49	-0.02	-0.24	-0.01	0.00	0.00	-0.13
	14	14.1	61	-0.02	0.24	0.01	0.00	0.00	-0.13
			59	-0.02	0.19	0.01	0.00	0.00	-0.03
		14.2	59	-0.02	0.19	0.01	0.00	0.00	-0.03
			57	-0.02	0.13	0.01	0.00	0.01	0.05
		14.3	57	-0.02	0.13	0.01	0.00	0.01	0.05
			55	-0.02	0.08	0.01	0.00	0.01	0.10
	15	15.1	62	-0.02	0.24	-0.01	0.00	0.00	-0.13
			60	-0.02	0.19	-0.01	0.00	0.00	-0.03
		15.2	60	-0.02	0.19	-0.01	0.00	0.00	-0.03
			58	-0.02	0.13	-0.01	0.00	-0.01	0.05
		15.3	58	-0.02	0.13	-0.01	0.00	-0.01	0.05
			56	-0.02	0.08	-0.01	0.00	-0.01	0.10
	16	16.1	75	0.24	0.22	0.02	0.00	-0.02	-0.11
			70	0.24	0.16	0.02	0.00	-0.01	-0.02
		16.2	70	0.24	0.16	0.02	0.00	-0.01	-0.02
			69	0.24	0.11	0.02	0.00	-0.01	0.05
		16.3	69	0.24	0.11	0.02	0.00	-0.01	0.05
			74	0.24	0.06	0.02	0.00	0.00	0.09
		16.4	74	0.24	-0.06	-0.02	0.00	0.00	0.09
			73	0.24	-0.11	-0.02	0.00	-0.01	0.05
		16.5	73	0.24	-0.11	-0.02	0.00	-0.01	0.05
			72	0.24	-0.16	-0.02	0.00	-0.01	-0.02
		16.6	72	0.24	-0.16	-0.02	0.00	-0.01	-0.02
			71	0.24	-0.22	-0.02	0.00	-0.02	-0.11
	17	17.1	36	0.20	-0.14	-0.10	0.00	0.01	0.04
			35	0.20	-0.14	0.04	0.00	-0.01	-0.02
		17.2	35	-0.40	0.14	0.07	0.00	-0.01	-0.02
			34	-0.40	0.14	0.14	0.00	0.02	0.01
		17.3	34	0.00	0.07	-0.12	0.00	0.02	-0.01
			33	0.00	0.07	0.09	0.00	0.01	0.04
	18	18.1	13	0.10	0.00	-0.27	0.00	0.02	0.00
			11	0.10	0.00	-0.13	0.00	-0.07	0.00
		18.2	11	0.22	0.00	-0.04	0.00	-0.07	0.00
			26	0.22	0.00	0.03	0.00	-0.07	0.00
	19	19.1	26	-0.02	0.00	0.02	0.00	-0.07	0.00
			12	-0.02	0.00	0.23	0.00	0.02	0.00
	20	20.1	19	0.19	0.14	-0.10	0.00	0.01	-0.04
			18	0.19	0.14	0.04	0.00	-0.01	0.02
		20.2	18	-0.39	-0.13	0.07	0.00	-0.01	0.02
			17	-0.39	-0.13	0.14	0.00	0.02	-0.01
		20.3	17	0.00	-0.08	-0.12	0.00	0.02	0.01
			16	0.00	-0.08	0.09	0.00	0.01	-0.04
	21	21.1	33	-0.02	-1.01	-1.88	0.01	0.00	0.04
			14	-0.02	-1.01	-1.85	0.01	-0.15	-0.04
		21.2	14	0.20	0.04	-0.74	0.00	-0.01	-0.03
			30	0.20	0.04	-0.61	0.00	-0.30	-0.02
		21.3	30	0.22	0.07	-0.56	0.00	-0.30	-0.02
			27	0.22	0.07	-0.41	0.00	-0.54	0.02
		21.4	27	0.25	-0.06	-0.35	0.00	-0.54	0.02
			12	0.25	-0.06	-0.20	0.00	-0.68	-0.01
		21.5	12	0.25	0.06	0.20	0.00	-0.68	-0.01
			23	0.25	0.06	0.35	0.00	-0.54	0.02
		21.6	23	0.21	-0.07	0.41	0.00	-0.54	0.02
			20	0.21	-0.07	0.56	0.00	-0.30	-0.02
		21.7	20	0.18	-0.04	0.61	0.00	-0.30	-0.02

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			5	0.18	-0.04	0.74	0.00	-0.01	-0.03
		21.8	5	-0.04	1.01	1.85	-0.01	-0.15	-0.04
			16	-0.04	1.01	1.88	-0.01	0.00	0.04
	22	22.1	34	0.12	-0.05	-0.80	0.00	0.00	0.02
			31	0.12	-0.05	-0.66	0.00	-0.36	0.00
		22.2	31	0.13	0.00	-0.32	0.00	-0.40	0.00
			28	0.13	0.00	-0.18	0.00	-0.52	-0.01
		22.3	28	0.25	0.03	-0.20	0.00	-0.57	-0.01
			26	0.25	0.03	-0.05	0.00	-0.63	0.01
		22.4	26	0.26	-0.03	0.05	0.00	-0.63	0.01
			24	0.26	-0.03	0.20	0.00	-0.57	-0.01
		22.5	24	0.16	0.00	0.17	0.00	-0.52	-0.01
			21	0.16	0.00	0.32	0.00	-0.40	0.00
		22.6	21	0.18	0.04	0.66	0.00	-0.36	0.00
			17	0.18	0.04	0.80	0.00	0.00	0.02
	23	23.1	36	0.05	0.75	-1.87	-0.01	0.00	-0.04
			15	0.05	0.75	-1.85	-0.01	-0.15	0.02
		23.2	15	0.26	-0.05	-0.74	0.00	-0.01	0.02
			32	0.26	-0.05	-0.61	0.00	-0.30	-0.01
		23.3	32	0.16	0.07	-0.56	0.00	-0.30	-0.01
			29	0.16	0.07	-0.41	0.00	-0.54	0.03
		23.4	29	0.36	-0.13	-0.36	0.00	-0.54	0.03
			13	0.36	-0.13	-0.21	0.00	-0.68	-0.04
		23.5	13	0.35	0.13	0.21	0.00	-0.68	-0.04
			25	0.35	0.13	0.36	0.00	-0.54	0.03
		23.6	25	0.13	-0.07	0.41	0.00	-0.54	0.03
			22	0.13	-0.07	0.56	0.00	-0.30	-0.01
		23.7	22	0.20	0.05	0.61	0.00	-0.30	-0.01
			6	0.20	0.05	0.74	0.00	-0.01	0.02
		23.8	6	-0.03	-0.76	1.85	0.01	-0.15	0.02
			19	-0.03	-0.76	1.87	0.01	0.00	-0.04
	24	24.1	89	-0.28	0.16	0.10	0.01	-0.02	-0.08
			90	-0.28	0.12	0.06	0.01	0.01	-0.02
		24.2	90	-0.28	0.12	0.06	0.01	0.01	-0.02
			91	-0.28	0.08	0.02	0.01	0.03	0.03
		24.3	91	-0.28	0.08	0.02	0.01	0.03	0.03
			92	-0.28	0.04	-0.01	0.01	0.03	0.06
	25	25.1	92	-0.28	-0.04	0.01	-0.01	0.03	0.06
			93	-0.28	-0.08	-0.02	-0.01	0.03	0.03
		25.2	93	-0.28	-0.08	-0.02	-0.01	0.03	0.03
			94	-0.28	-0.12	-0.06	-0.01	0.01	-0.02
		25.3	94	-0.28	-0.12	-0.06	-0.01	0.01	-0.02
			95	-0.28	-0.16	-0.10	-0.01	-0.02	-0.08
	27	27.1	76	-0.33	-0.36	-0.13	-0.01	0.04	0.05
			85	-0.31	-0.36	-0.12	-0.01	0.02	-0.02
	28	28.1	85	-0.27	-0.36	-0.19	-0.01	0.02	-0.02
			96	-0.25	-0.36	-0.18	-0.01	-0.02	-0.08
	29	29.1	96	-0.06	-0.09	-0.12	0.00	-0.01	0.00
			107	-0.04	-0.09	-0.10	0.00	-0.03	-0.02
	30	30.1	107	-0.02	-0.09	-0.11	0.00	-0.03	-0.02
			113	-0.01	-0.09	-0.09	0.00	-0.05	-0.04
	31	31.1	113	0.02	-0.09	-0.09	-0.01	-0.05	-0.04
			115	0.02	-0.09	-0.07	-0.01	-0.07	-0.05
	32	32.1	115	0.02	0.09	0.07	0.01	-0.07	-0.05
			114	0.02	0.09	0.09	0.01	-0.05	-0.04
	33	33.1	114	-0.01	0.09	0.09	0.00	-0.05	-0.04
			108	-0.02	0.09	0.11	0.00	-0.03	-0.02
	34	34.1	108	-0.05	0.09	0.10	0.00	-0.03	-0.02
			89	-0.06	0.09	0.12	0.00	-0.01	0.00
	35	35.1	89	-0.25	0.36	0.18	0.01	-0.02	-0.09
			83	-0.27	0.36	0.19	0.01	0.02	-0.02
	36	36.1	83	-0.31	0.36	0.12	0.01	0.02	-0.02
			71	-0.33	0.36	0.13	0.01	0.04	0.05
	37	37.1	88	-0.08	0.00	0.00	0.00	0.00	0.00
			74	-0.10	0.00	0.01	0.00	0.00	0.00
	38	38.1	86	-0.08	0.00	-0.02	0.00	0.00	0.00
			99	-0.06	0.00	-0.01	0.00	0.00	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	39	39.1	105	-0.12	0.00	-0.02	0.00	-0.01	0.00
			110	-0.11	0.00	0.00	0.00	-0.02	0.00
	40	40.1	106	-0.12	0.00	-0.01	0.00	-0.01	0.00
			92	-0.13	0.00	0.01	0.00	-0.01	0.00
	41	41.1	79	-0.10	0.00	-0.01	0.00	0.00	0.00
			86	-0.08	0.00	0.00	0.00	0.00	0.00
	42	42.1	110	-0.11	0.00	-0.03	0.00	-0.02	0.00
			118	-0.10	0.00	-0.01	0.00	-0.02	0.00
	43	43.1	99	-0.13	0.00	-0.01	0.00	-0.01	0.00
			105	-0.12	0.00	0.01	0.00	-0.01	0.00
	44	44.1	92	-0.06	0.00	0.01	0.00	0.00	0.00
			88	-0.08	0.00	0.02	0.00	0.00	0.00
	45	45.1	118	-0.10	0.00	0.01	0.00	-0.02	0.00
			111	-0.11	0.00	0.03	0.00	-0.02	0.00
	46	46.1	111	-0.11	0.00	0.01	0.00	-0.02	0.00
			106	-0.12	0.00	0.02	0.00	-0.01	0.00
	47	47.1	87	-0.31	-0.36	0.12	-0.01	0.02	0.02
			75	-0.33	-0.36	0.13	-0.01	0.04	-0.05
	48	48.1	84	-0.27	0.36	-0.19	0.01	0.02	0.02
			102	-0.25	0.36	-0.18	0.01	-0.02	0.08
	49	49.1	104	-0.02	0.09	-0.11	0.00	-0.03	0.02
			112	-0.01	0.09	-0.09	0.00	-0.05	0.04
	50	50.1	103	-0.05	-0.09	0.10	0.00	-0.03	0.02
			95	-0.06	-0.09	0.12	0.00	-0.01	0.00
	51	51.1	82	-0.33	0.36	-0.13	0.01	0.04	-0.05
			84	-0.31	0.36	-0.12	0.01	0.02	0.02
	52	52.1	112	0.02	0.09	-0.09	0.01	-0.05	0.04
			121	0.02	0.09	-0.07	0.01	-0.07	0.05
	53	53.1	102	-0.06	0.09	-0.12	0.00	-0.01	0.00
			104	-0.04	0.09	-0.10	0.00	-0.03	0.02
	54	54.1	95	-0.25	-0.36	0.18	-0.01	-0.02	0.09
			87	-0.27	-0.36	0.19	-0.01	0.02	0.02
	55	55.1	121	0.02	-0.09	0.07	-0.01	-0.07	0.05
			109	0.02	-0.09	0.09	-0.01	-0.05	0.04
	56	56.1	109	-0.01	-0.09	0.09	0.00	-0.05	0.04
			103	-0.02	-0.09	0.11	0.00	-0.03	0.02
Min (elemento, nodo)				**-1.09 (5, 5)**	**-1.01 (21, 33)**	**-1.88 (21, 33)**	**-0.01 (3, 96)**	**-0.68 (21, 12)**	**-0.13 (9, 15)**
Max (elemento, nodo)				**0.36 (23, 29)**	**1.01 (21, 5)**	**1.88 (21, 16)**	**0.01 (2, 99)**	**0.06 (2, 99)**	**0.13 (5, 5)**
2	1	1.1	121	-0.04	0.02	0.00	0.00	0.00	-0.01
			120	-0.04	0.02	0.00	0.00	0.00	0.00
		1.2	120	-0.04	0.02	0.00	0.00	0.00	0.00
			119	-0.04	0.02	0.00	0.00	0.00	0.01
		1.3	119	-0.04	0.02	0.00	0.00	0.00	0.01
			118	-0.04	0.02	0.00	0.00	0.00	0.02
	2	2.1	99	-0.04	-0.01	-0.02	0.00	0.01	0.01
			100	-0.04	-0.01	-0.02	0.00	0.00	0.00
		2.2	100	-0.04	-0.01	-0.02	0.00	0.00	0.00
			101	-0.04	-0.01	-0.02	0.00	0.00	0.00
		2.3	101	-0.04	-0.01	-0.02	0.00	0.00	0.00
			102	-0.04	-0.01	-0.02	0.00	-0.01	0.00
	3	3.1	96	-0.04	0.01	0.02	0.00	-0.01	0.00
			97	-0.04	0.01	0.02	0.00	0.00	0.00
		3.2	97	-0.04	0.01	0.02	0.00	0.00	0.00
			98	-0.04	0.01	0.02	0.00	0.00	0.00
		3.3	98	-0.04	0.01	0.02	0.00	0.00	0.00
			99	-0.04	0.01	0.02	0.00	0.01	0.01
	4	4.1	118	-0.04	-0.02	0.00	0.00	0.00	0.02
			117	-0.04	-0.02	0.00	0.00	0.00	0.01
		4.2	117	-0.04	-0.02	0.00	0.00	0.00	0.01
			116	-0.04	-0.02	0.00	0.00	0.00	0.00
		4.3	116	-0.04	-0.02	0.00	0.00	0.00	0.00
			115	-0.04	-0.02	0.00	0.00	0.00	-0.01
	5	5.1	76	-0.22	0.01	0.01	0.00	-0.03	-0.01
			66	-0.22	0.01	0.01	0.00	-0.02	0.00
		5.2	66	-0.22	0.01	0.01	0.00	-0.02	0.00
			49	-0.22	0.01	0.01	0.00	-0.02	0.01

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		5.3	49	-0.24	0.02	0.01	0.00	-0.01	-0.01
			43	-0.24	0.02	0.01	0.00	-0.01	0.00
		5.4	43	-0.24	0.02	0.01	0.00	-0.01	0.00
			37	-0.24	0.02	0.01	0.00	0.00	0.01
		5.5	37	-0.24	0.02	0.01	0.00	0.00	0.01
			5	-0.24	0.02	0.01	0.00	0.01	0.02
	6	6.1	71	-0.22	0.01	-0.01	0.00	0.03	-0.01
			63	-0.22	0.01	-0.01	0.00	0.02	0.00
		6.2	63	-0.22	0.01	-0.01	0.00	0.02	0.00
			50	-0.22	0.01	-0.01	0.00	0.02	0.01
		6.3	50	-0.24	0.02	-0.01	0.00	0.01	-0.01
			44	-0.24	0.02	-0.01	0.00	0.01	0.00
		6.4	44	-0.24	0.02	-0.01	0.00	0.01	0.00
			38	-0.24	0.02	-0.01	0.00	0.00	0.01
		6.5	38	-0.24	0.02	-0.01	0.00	0.00	0.01
			6	-0.24	0.02	-0.01	0.00	-0.01	0.02
	7	7.1	74	-0.25	0.00	-0.02	0.00	0.04	0.00
			64	-0.25	0.00	-0.02	0.00	0.03	0.00
		7.2	64	-0.25	0.00	-0.02	0.00	0.03	0.00
			56	-0.25	0.00	-0.02	0.00	0.01	0.00
		7.3	56	-0.20	0.00	-0.03	0.00	0.02	0.00
			46	-0.20	0.00	-0.03	0.00	0.00	0.00
		7.4	46	-0.20	0.00	-0.03	0.00	0.00	0.00
			40	-0.20	0.00	-0.03	0.00	-0.01	0.00
		7.5	40	-0.20	0.00	-0.03	0.00	-0.01	0.00
			13	-0.20	0.00	-0.03	0.00	-0.02	0.00
	8	8.1	79	-0.25	0.00	0.02	0.00	-0.04	0.00
			67	-0.25	0.00	0.02	0.00	-0.03	0.00
		8.2	67	-0.25	0.00	0.02	0.00	-0.03	0.00
			55	-0.25	0.00	0.02	0.00	-0.01	0.00
		8.3	55	-0.20	0.00	0.03	0.00	-0.02	0.00
			45	-0.20	0.00	0.03	0.00	0.00	0.00
		8.4	45	-0.20	0.00	0.03	0.00	0.00	0.00
			39	-0.20	0.00	0.03	0.00	0.01	0.00
		8.5	39	-0.20	0.00	0.03	0.00	0.01	0.00
			12	-0.20	0.00	0.03	0.00	0.02	0.00
	9	9.1	75	-0.22	-0.01	-0.01	0.00	0.03	0.01
			65	-0.22	-0.01	-0.01	0.00	0.02	0.00
		9.2	65	-0.22	-0.01	-0.01	0.00	0.02	0.00
			62	-0.22	-0.01	-0.01	0.00	0.02	-0.01
		9.3	62	-0.24	-0.02	-0.01	0.00	0.01	0.01
			48	-0.24	-0.02	-0.01	0.00	0.01	0.00
		9.4	48	-0.24	-0.02	-0.01	0.00	0.01	0.00
			42	-0.24	-0.02	-0.01	0.00	0.00	-0.01
		9.5	42	-0.24	-0.02	-0.01	0.00	0.00	-0.01
			15	-0.24	-0.02	-0.01	0.00	-0.01	-0.02
	10	10.1	82	-0.22	-0.01	0.01	0.00	-0.03	0.01
			68	-0.22	-0.01	0.01	0.00	-0.02	0.00
		10.2	68	-0.22	-0.01	0.01	0.00	-0.02	0.00
			61	-0.22	-0.01	0.01	0.00	-0.02	-0.01
		10.3	61	-0.24	-0.02	0.01	0.00	-0.01	0.01
			47	-0.24	-0.02	0.01	0.00	-0.01	0.00
		10.4	47	-0.24	-0.02	0.01	0.00	-0.01	0.00
			41	-0.24	-0.02	0.01	0.00	0.00	-0.01
		10.5	41	-0.24	-0.02	0.01	0.00	0.00	-0.01
			14	-0.24	-0.02	0.01	0.00	0.01	-0.02
	11	11.1	82	0.05	0.02	-0.01	0.00	0.01	-0.01
			81	0.05	0.02	-0.01	0.00	0.00	0.00
		11.2	81	0.05	0.02	-0.01	0.00	0.00	0.00
			80	0.05	0.02	-0.01	0.00	0.00	0.01
		11.3	80	0.05	0.02	-0.01	0.00	0.00	0.01
			79	0.05	0.02	-0.01	0.00	0.00	0.02
		11.4	79	0.05	-0.02	0.01	0.00	0.00	0.02
			78	0.05	-0.02	0.01	0.00	0.00	0.01
		11.5	78	0.05	-0.02	0.01	0.00	0.00	0.01
			77	0.05	-0.02	0.01	0.00	0.00	0.00
		11.6	77	0.05	-0.02	0.01	0.00	0.00	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			76	0.05	-0.02	0.01	0.00	0.01	-0.01
	12	12.1	56	-0.01	-0.02	0.00	0.00	0.00	0.02
			54	-0.01	-0.02	0.00	0.00	0.00	0.01
		12.2	54	-0.01	-0.02	0.00	0.00	0.00	0.01
			52	-0.01	-0.02	0.00	0.00	0.00	-0.01
		12.3	52	-0.01	-0.02	0.00	0.00	0.00	-0.01
			50	-0.01	-0.02	0.00	0.00	0.00	-0.02
	13	13.1	55	-0.01	-0.02	0.00	0.00	0.00	0.02
			53	-0.01	-0.02	0.00	0.00	0.00	0.01
		13.2	53	-0.01	-0.02	0.00	0.00	0.00	0.01
			51	-0.01	-0.02	0.00	0.00	0.00	-0.01
		13.3	51	-0.01	-0.02	0.00	0.00	0.00	-0.01
			49	-0.01	-0.02	0.00	0.00	0.00	-0.02
	14	14.1	61	-0.01	0.02	0.00	0.00	0.00	-0.02
			59	-0.01	0.02	0.00	0.00	0.00	-0.01
		14.2	59	-0.01	0.02	0.00	0.00	0.00	-0.01
			57	-0.01	0.02	0.00	0.00	0.00	0.01
		14.3	57	-0.01	0.02	0.00	0.00	0.00	0.01
			55	-0.01	0.02	0.00	0.00	0.00	0.02
	15	15.1	62	-0.01	0.02	0.00	0.00	0.00	-0.02
			60	-0.01	0.02	0.00	0.00	0.00	-0.01
		15.2	60	-0.01	0.02	0.00	0.00	0.00	-0.01
			58	-0.01	0.02	0.00	0.00	0.00	0.01
		15.3	58	-0.01	0.02	0.00	0.00	0.00	0.01
			56	-0.01	0.02	0.00	0.00	0.00	0.02
	16	16.1	75	0.05	0.02	0.01	0.00	-0.01	-0.01
			70	0.05	0.02	0.01	0.00	0.00	0.00
		16.2	70	0.05	0.02	0.01	0.00	0.00	0.00
			69	0.05	0.02	0.01	0.00	0.00	0.01
		16.3	69	0.05	0.02	0.01	0.00	0.00	0.01
			74	0.05	0.02	0.01	0.00	0.00	0.02
		16.4	74	0.05	-0.02	-0.01	0.00	0.00	0.02
			73	0.05	-0.02	-0.01	0.00	0.00	0.01
		16.5	73	0.05	-0.02	-0.01	0.00	0.00	0.01
			72	0.05	-0.02	-0.01	0.00	0.00	0.00
		16.6	72	0.05	-0.02	-0.01	0.00	0.00	0.00
			71	0.05	-0.02	-0.01	0.00	-0.01	-0.01
	17	17.1	36	0.00	0.00	-0.01	0.00	0.00	0.00
			35	0.00	0.00	-0.01	0.00	0.00	0.00
		17.2	35	0.00	0.00	-0.01	0.00	0.00	0.00
			34	0.00	0.00	-0.01	0.00	0.00	0.00
		17.3	34	0.00	0.00	0.01	0.00	0.00	0.00
			33	0.00	0.00	0.01	0.00	0.00	0.00
	18	18.1	13	0.01	0.00	0.06	0.00	0.02	0.00
			11	0.01	0.00	0.06	0.00	0.05	0.00
		18.2	11	-0.01	0.00	0.06	0.00	0.05	0.00
			26	-0.01	0.00	0.06	0.00	0.07	0.00
	19	19.1	26	0.01	0.00	-0.06	0.00	0.07	0.00
			12	0.01	0.00	-0.06	0.00	0.02	0.00
	20	20.1	19	0.00	0.00	-0.01	0.00	0.00	0.00
			18	0.00	0.00	-0.01	0.00	0.00	0.00
		20.2	18	0.00	0.00	-0.01	0.00	0.00	0.00
			17	0.00	0.00	-0.01	0.00	0.00	0.00
		20.3	17	0.00	0.00	0.01	0.00	0.00	0.00
			16	0.00	0.00	0.01	0.00	0.00	0.00
	21	21.1	33	0.00	-0.01	-0.31	0.00	0.00	0.00
			14	0.00	-0.01	-0.31	0.00	-0.02	0.00
		21.2	14	0.02	0.00	-0.07	0.00	-0.01	0.00
			30	0.02	0.00	-0.07	0.00	-0.04	0.00
		21.3	30	0.02	0.00	-0.07	0.00	-0.04	0.00
			27	0.02	0.00	-0.07	0.00	-0.07	0.00
		21.4	27	0.03	0.00	-0.07	0.00	-0.07	0.00
			12	0.03	0.00	-0.07	0.00	-0.11	0.00
		21.5	12	0.03	0.00	0.07	0.00	-0.11	0.00
			23	0.03	0.00	0.07	0.00	-0.07	0.00
		21.6	23	0.02	0.00	0.07	0.00	-0.07	0.00
			20	0.02	0.00	0.07	0.00	-0.04	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		21.7	20	0.01	0.00	0.07	0.00	-0.04	0.00
			5	0.01	0.00	0.07	0.00	-0.01	0.00
		21.8	5	0.00	0.01	0.31	0.00	-0.02	0.00
			16	0.00	0.01	0.31	0.00	0.00	0.00
	22	22.1	34	0.01	0.00	-0.06	0.00	0.00	0.00
			31	0.01	0.00	-0.06	0.00	-0.03	0.00
		22.2	31	0.01	0.00	-0.04	0.00	-0.04	0.00
			28	0.01	0.00	-0.04	0.00	-0.05	0.00
		22.3	28	0.02	0.00	-0.06	0.00	-0.06	0.00
			26	0.02	0.00	-0.06	0.00	-0.09	0.00
		22.4	26	0.02	0.00	0.06	0.00	-0.09	0.00
			24	0.02	0.00	0.06	0.00	-0.06	0.00
		22.5	24	0.02	0.00	0.04	0.00	-0.05	0.00
			21	0.02	0.00	0.04	0.00	-0.04	0.00
		22.6	21	0.01	0.00	0.06	0.00	-0.03	0.00
			17	0.01	0.00	0.06	0.00	0.00	0.00
	23	23.1	36	0.00	0.01	-0.31	0.00	0.00	0.00
			15	0.00	0.01	-0.31	0.00	-0.03	0.00
		23.2	15	0.02	0.00	-0.07	0.00	-0.01	0.00
			32	0.02	0.00	-0.07	0.00	-0.04	0.00
		23.3	32	0.02	0.00	-0.07	0.00	-0.04	0.00
			29	0.02	0.00	-0.07	0.00	-0.07	0.00
		23.4	29	0.03	0.00	-0.07	0.00	-0.07	0.00
			13	0.03	0.00	-0.07	0.00	-0.11	0.00
		23.5	13	0.03	0.00	0.07	0.00	-0.11	0.00
			25	0.03	0.00	0.07	0.00	-0.07	0.00
		23.6	25	0.02	0.00	0.07	0.00	-0.07	0.00
			22	0.02	0.00	0.07	0.00	-0.04	0.00
		23.7	22	0.01	0.00	0.07	0.00	-0.04	0.00
			6	0.01	0.00	0.07	0.00	-0.01	0.00
		23.8	6	-0.01	-0.01	0.31	0.00	-0.03	0.00
			19	-0.01	-0.01	0.31	0.00	0.00	0.00
	24	24.1	89	-0.04	0.02	0.01	0.00	0.00	-0.01
			90	-0.04	0.02	0.01	0.00	0.00	0.00
		24.2	90	-0.04	0.02	0.01	0.00	0.00	0.00
			91	-0.04	0.02	0.01	0.00	0.00	0.01
		24.3	91	-0.04	0.02	0.01	0.00	0.00	0.01
			92	-0.04	0.02	0.01	0.00	0.01	0.01
	25	25.1	92	-0.04	-0.02	-0.01	0.00	0.01	0.01
			93	-0.04	-0.02	-0.01	0.00	0.00	0.01
		25.2	93	-0.04	-0.02	-0.01	0.00	0.00	0.01
			94	-0.04	-0.02	-0.01	0.00	0.00	0.00
		25.3	94	-0.04	-0.02	-0.01	0.00	0.00	0.00
			95	-0.04	-0.02	-0.01	0.00	0.00	-0.01
	27	27.1	76	-0.19	-0.06	-0.07	0.00	0.03	0.01
			85	-0.19	-0.06	-0.07	0.00	0.02	0.00
	28	28.1	85	-0.16	-0.06	-0.12	0.00	0.02	0.00
			96	-0.15	-0.06	-0.11	0.00	-0.01	-0.01
	29	29.1	96	-0.10	-0.02	-0.14	0.00	-0.01	0.00
			107	-0.08	-0.02	-0.11	0.00	-0.03	0.00
	30	30.1	107	-0.05	-0.02	-0.12	0.00	-0.03	0.00
			113	-0.03	-0.02	-0.07	0.00	-0.05	-0.01
	31	31.1	113	-0.01	-0.02	-0.07	0.00	-0.05	-0.01
			115	0.00	-0.02	-0.01	0.00	-0.06	-0.01
	32	32.1	115	0.00	0.02	0.01	0.00	-0.06	-0.01
			114	-0.01	0.02	0.07	0.00	-0.05	-0.01
	33	33.1	114	-0.03	0.02	0.07	0.00	-0.05	-0.01
			108	-0.05	0.02	0.12	0.00	-0.03	0.00
	34	34.1	108	-0.08	0.02	0.11	0.00	-0.03	0.00
			89	-0.10	0.02	0.14	0.00	-0.01	0.00
	35	35.1	89	-0.15	0.06	0.11	0.00	-0.01	-0.01
			83	-0.16	0.06	0.12	0.00	0.02	0.00
	36	36.1	83	-0.19	0.06	0.07	0.00	0.02	0.00
			71	-0.19	0.06	0.07	0.00	0.03	0.01
	37	37.1	88	-0.28	0.00	0.07	0.00	0.02	0.00
			74	-0.28	0.00	0.07	0.00	0.04	0.00
	38	38.1	86	-0.25	0.00	-0.14	0.00	0.02	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			99	-0.24	0.00	-0.13	0.00	0.00	0.00
	39	39.1	105	-0.14	0.00	-0.19	0.00	-0.03	0.00
			110	-0.09	0.00	-0.08	0.00	-0.06	0.00
	40	40.1	106	-0.18	0.00	0.15	0.00	-0.03	0.00
			92	-0.23	0.00	0.21	0.00	0.00	0.00
	41	41.1	79	-0.28	0.00	-0.08	0.00	0.04	0.00
			86	-0.28	0.00	-0.08	0.00	0.02	0.00
	42	42.1	110	-0.07	0.00	-0.10	0.00	-0.06	0.00
			118	-0.05	0.00	0.02	0.00	-0.07	0.00
	43	43.1	99	-0.23	0.00	-0.21	0.00	0.00	0.00
			105	-0.18	0.00	-0.15	0.00	-0.03	0.00
	44	44.1	92	-0.24	0.00	0.13	0.00	0.00	0.00
			88	-0.25	0.00	0.14	0.00	0.02	0.00
	45	45.1	118	-0.05	0.00	-0.02	0.00	-0.07	0.00
			111	-0.07	0.00	0.10	0.00	-0.06	0.00
	46	46.1	111	-0.09	0.00	0.08	0.00	-0.06	0.00
			106	-0.14	0.00	0.19	0.00	-0.03	0.00
	47	47.1	87	-0.19	-0.06	0.07	0.00	0.02	0.00
			75	-0.19	-0.06	0.07	0.00	0.03	-0.01
	48	48.1	84	-0.16	0.06	-0.12	0.00	0.02	0.00
			102	-0.15	0.06	-0.11	0.00	-0.01	0.01
	49	49.1	104	-0.05	0.02	-0.12	0.00	-0.03	0.00
			112	-0.03	0.02	-0.07	0.00	-0.05	0.01
	50	50.1	103	-0.08	-0.02	0.11	0.00	-0.03	0.00
			95	-0.10	-0.02	0.14	0.00	-0.01	0.00
	51	51.1	82	-0.19	0.06	-0.07	0.00	0.03	-0.01
			84	-0.19	0.06	-0.07	0.00	0.02	0.00
	52	52.1	112	-0.01	0.02	-0.07	0.00	-0.05	0.01
			121	0.00	0.02	-0.01	0.00	-0.06	0.01
	53	53.1	102	-0.10	0.02	-0.14	0.00	-0.01	0.00
			104	-0.08	0.02	-0.11	0.00	-0.03	0.00
	54	54.1	95	-0.15	-0.06	0.11	0.00	-0.01	0.01
			87	-0.16	-0.06	0.12	0.00	0.02	0.00
	55	55.1	121	0.00	-0.02	0.01	0.00	-0.06	0.01
			109	-0.01	-0.02	0.07	0.00	-0.05	0.01
	56	56.1	109	-0.03	-0.02	0.07	0.00	-0.05	0.01
			103	-0.05	-0.02	0.12	0.00	-0.03	0.00
Min (elemento, nodo)				**-0.28 (37, 88)**	**-0.06 (27, 76)**	**-0.31 (21, 33)**	**0.00 (1, 121)**	**-0.11 (21, 12)**	**-0.02 (9, 15)**
Max (elemento, nodo)				**0.05 (11, 82)**	**0.06 (35, 89)**	**0.31 (21, 5)**	**0.00 (1, 121)**	**0.07 (18, 26)**	**0.02 (1, 118)**
3	1	1.1	121	-0.24	0.12	0.00	0.00	0.00	-0.05
			120	-0.24	0.12	0.00	0.00	0.00	0.00
		1.2	120	-0.24	0.12	0.00	0.00	0.00	0.00
			119	-0.24	0.12	0.00	0.00	0.00	0.06
		1.3	119	-0.24	0.12	0.00	0.00	0.00	0.06
			118	-0.24	0.12	0.00	0.00	0.00	0.11
	2	2.1	99	-0.44	-0.11	-0.17	0.01	0.12	0.11
			100	-0.44	-0.11	-0.17	0.01	0.04	0.06
		2.2	100	-0.44	-0.11	-0.17	0.01	0.04	0.06
			101	-0.44	-0.11	-0.17	0.01	-0.04	0.00
		2.3	101	-0.44	-0.11	-0.17	0.01	-0.04	0.00
			102	-0.44	-0.11	-0.17	0.01	-0.12	-0.05
	3	3.1	96	-0.44	0.11	0.17	-0.01	-0.12	-0.05
			97	-0.44	0.11	0.17	-0.01	-0.04	0.00
		3.2	97	-0.44	0.11	0.17	-0.01	-0.04	0.00
			98	-0.44	0.11	0.17	-0.01	0.04	0.06
		3.3	98	-0.44	0.11	0.17	-0.01	0.04	0.06
			99	-0.44	0.11	0.17	-0.01	0.12	0.11
	4	4.1	118	-0.24	-0.12	0.00	0.00	0.00	0.11
			117	-0.24	-0.12	0.00	0.00	0.00	0.06
		4.2	117	-0.24	-0.12	0.00	0.00	0.00	0.06
			116	-0.24	-0.12	0.00	0.00	0.00	0.00
		4.3	116	-0.24	-0.12	0.00	0.00	0.00	0.00
			115	-0.24	-0.12	0.00	0.00	0.00	-0.05
	5	5.1	76	-0.51	0.19	0.03	-0.01	-0.02	-0.11
			66	-0.51	0.19	0.03	-0.01	-0.01	-0.01
		5.2	66	-0.51	0.19	0.03	-0.01	-0.01	-0.01

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			49	-0.51	0.19	0.03	-0.01	0.01	0.08
		5.3	49	-0.82	0.26	0.00	-0.02	0.00	-0.14
			43	-0.82	0.26	0.00	-0.02	0.00	0.00
		5.4	43	-0.82	0.26	0.00	-0.02	0.00	0.00
			37	-0.82	0.26	0.00	-0.02	0.00	0.12
		5.5	37	-0.82	0.26	0.00	-0.02	0.00	0.12
			5	-0.82	0.26	0.00	-0.02	0.00	0.25
	6	6.1	71	-0.52	0.19	-0.03	0.01	0.02	-0.11
			63	-0.52	0.19	-0.03	0.01	0.01	-0.01
		6.2	63	-0.52	0.19	-0.03	0.01	0.01	-0.01
			50	-0.52	0.19	-0.03	0.01	-0.01	0.08
		6.3	50	-0.83	0.26	0.00	0.01	0.00	-0.14
			44	-0.83	0.26	0.00	0.01	0.00	0.00
		6.4	44	-0.83	0.26	0.00	0.01	0.00	0.00
			38	-0.83	0.26	0.00	0.01	0.00	0.12
		6.5	38	-0.83	0.26	0.00	0.01	0.00	0.12
			6	-0.83	0.26	0.00	0.01	0.00	0.25
	7	7.1	74	1.04	0.00	0.04	0.00	-0.04	0.00
			64	1.04	0.00	0.04	0.00	-0.02	0.00
		7.2	64	1.04	0.00	0.04	0.00	-0.02	0.00
			56	1.04	0.00	0.04	0.00	0.00	0.00
		7.3	56	1.66	0.00	-0.02	0.00	-0.01	0.00
			46	1.66	0.00	-0.02	0.00	-0.02	0.00
		7.4	46	1.66	0.00	-0.02	0.00	-0.02	0.00
			40	1.66	0.00	-0.02	0.00	-0.03	0.00
		7.5	40	1.66	0.00	-0.02	0.00	-0.03	0.00
			13	1.66	0.00	-0.02	0.00	-0.04	0.00
	8	8.1	79	1.03	0.00	-0.04	0.00	0.04	0.00
			67	1.03	0.00	-0.04	0.00	0.02	0.00
		8.2	67	1.03	0.00	-0.04	0.00	0.02	0.00
			55	1.03	0.00	-0.04	0.00	0.00	0.00
		8.3	55	1.65	0.00	0.02	0.00	0.00	0.00
			45	1.65	0.00	0.02	0.00	0.02	0.00
		8.4	45	1.65	0.00	0.02	0.00	0.02	0.00
			39	1.65	0.00	0.02	0.00	0.03	0.00
		8.5	39	1.65	0.00	0.02	0.00	0.03	0.00
			12	1.65	0.00	0.02	0.00	0.04	0.00
	9	9.1	75	-0.52	-0.19	-0.03	-0.01	0.02	0.11
			65	-0.52	-0.19	-0.03	-0.01	0.01	0.01
		9.2	65	-0.52	-0.19	-0.03	-0.01	0.01	0.01
			62	-0.52	-0.19	-0.03	-0.01	-0.01	-0.08
		9.3	62	-0.83	-0.26	0.00	-0.01	0.00	0.14
			48	-0.83	-0.26	0.00	-0.01	0.00	0.00
		9.4	48	-0.83	-0.26	0.00	-0.01	0.00	0.00
			42	-0.83	-0.26	0.00	-0.01	0.00	-0.12
		9.5	42	-0.83	-0.26	0.00	-0.01	0.00	-0.12
			15	-0.83	-0.26	0.00	-0.01	0.00	-0.25
	10	10.1	82	-0.51	-0.19	0.03	0.01	-0.02	0.11
			68	-0.51	-0.19	0.03	0.01	-0.01	0.01
		10.2	68	-0.51	-0.19	0.03	0.01	-0.01	0.01
			61	-0.51	-0.19	0.03	0.01	0.01	-0.08
		10.3	61	-0.82	-0.26	0.00	0.02	0.00	0.14
			47	-0.82	-0.26	0.00	0.02	0.00	0.00
		10.4	47	-0.82	-0.26	0.00	0.02	0.00	0.00
			41	-0.82	-0.26	0.00	0.02	0.00	-0.12
		10.5	41	-0.82	-0.26	0.00	0.02	0.00	-0.12
			14	-0.82	-0.26	0.00	0.02	0.00	-0.25
	11	11.1	82	0.37	0.26	-0.01	0.01	0.03	-0.17
			81	0.37	0.26	-0.01	0.01	0.02	-0.05
		11.2	81	0.37	0.26	-0.01	0.01	0.02	-0.05
			80	0.37	0.26	-0.01	0.01	0.02	0.08
		11.3	80	0.37	0.26	-0.01	0.01	0.02	0.08
			79	0.37	0.26	-0.01	0.01	0.01	0.20
		11.4	79	0.37	-0.26	0.01	-0.01	0.01	0.20
			78	0.37	-0.26	0.01	-0.01	0.02	0.08
		11.5	78	0.37	-0.26	0.01	-0.01	0.02	0.08
			77	0.37	-0.26	0.01	-0.01	0.02	-0.05

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		11.6	77	0.37	-0.26	0.01	-0.01	0.02	-0.05
			76	0.37	-0.26	0.01	-0.01	0.03	-0.17
	12	12.1	56	-0.07	-0.31	0.03	0.00	-0.04	0.23
			54	-0.07	-0.31	0.03	0.00	-0.02	0.08
		12.2	54	-0.07	-0.31	0.03	0.00	-0.02	0.08
			52	-0.07	-0.31	0.03	0.00	-0.01	-0.07
		12.3	52	-0.07	-0.31	0.03	0.00	-0.01	-0.07
			50	-0.07	-0.31	0.03	0.00	0.01	-0.22
	13	13.1	55	-0.07	-0.31	-0.03	0.00	0.04	0.22
			53	-0.07	-0.31	-0.03	0.00	0.02	0.08
		13.2	53	-0.07	-0.31	-0.03	0.00	0.02	0.08
			51	-0.07	-0.31	-0.03	0.00	0.01	-0.07
		13.3	51	-0.07	-0.31	-0.03	0.00	0.01	-0.07
			49	-0.07	-0.31	-0.03	0.00	-0.01	-0.21
	14	14.1	61	-0.07	0.31	0.03	0.00	-0.01	-0.21
			59	-0.07	0.31	0.03	0.00	0.01	-0.07
		14.2	59	-0.07	0.31	0.03	0.00	0.01	-0.07
			57	-0.07	0.31	0.03	0.00	0.02	0.08
		14.3	57	-0.07	0.31	0.03	0.00	0.02	0.08
			55	-0.07	0.31	0.03	0.00	0.04	0.22
	15	15.1	62	-0.07	0.31	-0.03	0.00	0.01	-0.22
			60	-0.07	0.31	-0.03	0.00	-0.01	-0.07
		15.2	60	-0.07	0.31	-0.03	0.00	-0.01	-0.07
			58	-0.07	0.31	-0.03	0.00	-0.02	0.08
		15.3	58	-0.07	0.31	-0.03	0.00	-0.02	0.08
			56	-0.07	0.31	-0.03	0.00	-0.04	0.23
	16	16.1	75	0.37	0.26	0.01	-0.01	-0.03	-0.17
			70	0.37	0.26	0.01	-0.01	-0.02	-0.05
		16.2	70	0.37	0.26	0.01	-0.01	-0.02	-0.05
			69	0.37	0.26	0.01	-0.01	-0.02	0.08
		16.3	69	0.37	0.26	0.01	-0.01	-0.02	0.08
			74	0.37	0.26	0.01	-0.01	-0.01	0.20
		16.4	74	0.37	-0.26	-0.01	0.01	-0.01	0.20
			73	0.37	-0.26	-0.01	0.01	-0.02	0.08
		16.5	73	0.37	-0.26	-0.01	0.01	-0.02	0.08
			72	0.37	-0.26	-0.01	0.01	-0.02	-0.05
		16.6	72	0.37	-0.26	-0.01	0.01	-0.02	-0.05
			71	0.37	-0.26	-0.01	0.01	-0.03	-0.17
	17	17.1	36	2.08	-1.44	-0.07	0.00	0.00	0.42
			35	2.08	-1.44	-0.07	0.00	-0.03	-0.25
		17.2	35	-4.16	1.41	0.18	0.00	-0.03	-0.25
			34	-4.16	1.41	0.18	0.00	0.01	0.07
		17.3	34	0.00	0.79	-0.04	0.00	0.03	-0.12
			33	0.00	0.79	-0.04	0.00	0.00	0.43
	18	18.1	13	0.89	0.01	-2.00	0.00	0.04	0.00
			11	0.89	0.01	-2.00	0.00	-0.89	0.00
		18.2	11	2.11	0.02	-1.11	0.00	-0.89	0.00
			26	2.11	0.02	-1.11	0.00	-1.15	0.00
	19	19.1	26	-0.43	0.00	1.63	0.00	-1.10	0.00
			12	-0.43	0.00	1.63	0.00	0.04	0.00
	20	20.1	19	2.03	1.47	-0.07	0.00	0.00	-0.43
			18	2.03	1.47	-0.07	0.00	-0.03	0.26
		20.2	18	-4.05	-1.36	0.17	0.00	-0.03	0.26
			17	-4.05	-1.36	0.17	0.00	0.01	-0.06
		20.3	17	0.00	-0.80	-0.04	0.00	0.03	0.13
			16	0.00	-0.80	-0.04	0.00	0.00	-0.44
	21	21.1	33	-0.44	-10.23	-2.68	0.00	0.00	0.43
			14	-0.44	-10.23	-2.68	0.00	-0.22	-0.39
		21.2	14	0.95	0.45	-1.49	0.00	0.03	-0.37
			30	0.95	0.45	-1.49	0.00	-0.59	-0.18
		21.3	30	0.85	0.76	-0.95	0.00	-0.59	-0.18
			27	0.85	0.76	-0.95	0.00	-1.07	0.20
		21.4	27	1.01	-0.61	-0.35	0.00	-1.07	0.20
			12	1.01	-0.61	-0.35	0.00	-1.24	-0.11
		21.5	12	1.02	0.61	0.35	0.00	-1.24	-0.11
			23	1.02	0.61	0.35	0.00	-1.07	0.20
		21.6	23	0.87	-0.76	0.95	0.00	-1.07	0.20

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			20	0.87	-0.76	0.95	0.00	-0.59	-0.18
		21.7	20	0.94	-0.44	1.49	0.00	-0.59	-0.18
			5	0.94	-0.44	1.49	0.00	0.03	-0.37
		21.8	5	-0.46	10.24	2.68	0.00	-0.22	-0.38
			16	-0.46	10.24	2.68	0.00	0.00	0.44
	22	22.1	34	0.71	-0.47	-2.31	-0.02	0.00	0.19
			31	0.71	-0.47	-2.31	-0.02	-1.15	-0.04
		22.2	31	0.29	-0.02	-0.35	-0.01	-1.15	-0.04
			28	0.29	-0.02	-0.35	-0.01	-1.32	-0.05
		22.3	28	1.12	0.29	0.89	0.03	-1.39	-0.05
			26	1.12	0.29	0.89	0.03	-0.94	0.09
		22.4	26	1.18	-0.30	-0.89	-0.03	-0.94	0.09
			24	1.18	-0.30	-0.89	-0.03	-1.39	-0.05
		22.5	24	0.46	0.02	0.34	0.01	-1.32	-0.05
			21	0.46	0.02	0.34	0.01	-1.15	-0.04
		22.6	21	1.06	0.46	2.31	0.02	-1.15	-0.04
			17	1.06	0.46	2.31	0.02	0.00	0.19
	23	23.1	36	0.49	7.66	-2.61	0.00	0.00	-0.42
			15	0.49	7.66	-2.61	0.00	-0.21	0.19
		23.2	15	1.63	-0.62	-1.50	0.00	0.04	0.18
			32	1.63	-0.62	-1.50	0.00	-0.59	-0.08
		23.3	32	0.25	0.76	-0.95	0.00	-0.59	-0.08
			29	0.25	0.76	-0.95	0.00	-1.06	0.30
		23.4	29	2.18	-1.42	-0.41	0.00	-1.06	0.30
			13	2.18	-1.42	-0.41	0.00	-1.27	-0.41
		23.5	13	2.10	1.41	0.41	0.00	-1.27	-0.41
			25	2.10	1.41	0.41	0.00	-1.06	0.30
		23.6	25	0.00	-0.76	0.95	0.00	-1.06	0.30
			22	0.00	-0.76	0.95	0.00	-0.59	-0.08
		23.7	22	1.22	0.61	1.50	0.00	-0.59	-0.08
			6	1.22	0.61	1.50	0.00	0.04	0.18
		23.8	6	-0.10	-7.71	2.61	0.00	-0.21	0.19
			19	-0.10	-7.71	2.61	0.00	0.00	-0.43
	24	24.1	89	-0.44	0.18	0.10	0.02	-0.04	-0.12
			90	-0.44	0.18	0.10	0.02	0.01	-0.04
		24.2	90	-0.44	0.18	0.10	0.02	0.01	-0.04
			91	-0.44	0.18	0.10	0.02	0.05	0.05
		24.3	91	-0.44	0.18	0.10	0.02	0.05	0.05
			92	-0.44	0.18	0.10	0.02	0.10	0.13
	25	25.1	92	-0.44	-0.18	-0.10	-0.02	0.10	0.13
			93	-0.44	-0.18	-0.10	-0.02	0.05	0.05
		25.2	93	-0.44	-0.18	-0.10	-0.02	0.05	0.05
			94	-0.44	-0.18	-0.10	-0.02	0.01	-0.04
		25.3	94	-0.44	-0.18	-0.10	-0.02	0.01	-0.04
			95	-0.44	-0.18	-0.10	-0.02	-0.04	-0.12
	27	27.1	76	-0.24	-0.56	-0.08	-0.01	0.03	0.07
			85	-0.24	-0.56	-0.08	-0.01	0.02	-0.03
	28	28.1	85	-0.21	-0.56	-0.14	-0.02	0.02	-0.03
			96	-0.21	-0.56	-0.14	-0.02	-0.01	-0.13
	29	29.1	96	-0.01	-0.12	-0.07	0.01	0.00	-0.01
			107	-0.01	-0.12	-0.07	0.01	-0.01	-0.03
	30	30.1	107	0.01	-0.12	-0.07	0.00	-0.01	-0.03
			113	0.01	-0.12	-0.07	0.00	-0.02	-0.06
	31	31.1	113	0.03	-0.12	-0.06	-0.02	-0.02	-0.06
			115	0.03	-0.12	-0.06	-0.02	-0.03	-0.08
	32	32.1	115	0.03	0.12	0.06	0.02	-0.03	-0.08
			114	0.03	0.12	0.06	0.02	-0.02	-0.06
	33	33.1	114	0.01	0.12	0.07	0.00	-0.02	-0.06
			108	0.01	0.12	0.07	0.00	-0.01	-0.04
	34	34.1	108	-0.01	0.12	0.07	-0.01	-0.01	-0.03
			89	-0.01	0.12	0.07	-0.01	0.00	-0.01
	35	35.1	89	-0.21	0.56	0.14	0.02	-0.01	-0.13
			83	-0.21	0.56	0.14	0.02	0.02	-0.03
	36	36.1	83	-0.24	0.56	0.08	0.01	0.02	-0.03
			71	-0.24	0.56	0.08	0.01	0.03	0.07
	37	37.1	88	0.48	0.00	-0.18	0.00	-0.02	0.00
			74	0.48	0.00	-0.18	0.00	-0.06	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	38	38.1	86	0.41	0.00	0.30	0.00	-0.02	0.00
			99	0.41	0.00	0.30	0.00	0.03	0.00
	39	39.1	105	-0.04	0.00	0.14	0.00	0.03	0.00
			110	-0.04	0.00	0.14	0.00	0.06	0.00
	40	40.1	106	0.00	0.00	-0.15	0.00	0.03	0.00
			92	0.00	0.00	-0.15	0.00	0.00	0.00
	41	41.1	79	0.47	0.00	0.19	0.00	-0.06	0.00
			86	0.47	0.00	0.19	0.00	-0.02	0.00
	42	42.1	110	-0.08	0.00	0.13	0.00	0.06	0.00
			118	-0.08	0.00	0.13	0.00	0.08	0.00
	43	43.1	99	0.00	0.00	0.15	0.00	0.00	0.00
			105	0.00	0.00	0.15	0.00	0.03	0.00
	44	44.1	92	0.41	0.00	-0.30	0.00	0.03	0.00
			88	0.41	0.00	-0.30	0.00	-0.02	0.00
	45	45.1	118	-0.08	0.00	-0.13	0.00	0.08	0.00
			111	-0.08	0.00	-0.13	0.00	0.06	0.00
	46	46.1	111	-0.04	0.00	-0.14	0.00	0.06	0.00
			106	-0.04	0.00	-0.14	0.00	0.03	0.00
	47	47.1	87	-0.24	-0.56	0.08	-0.01	0.02	0.03
			75	-0.24	-0.56	0.08	-0.01	0.03	-0.07
	48	48.1	84	-0.21	0.56	-0.14	0.02	0.02	0.03
			102	-0.21	0.56	-0.14	0.02	-0.01	0.13
	49	49.1	104	0.01	0.12	-0.07	0.00	-0.01	0.03
			112	0.01	0.12	-0.07	0.00	-0.02	0.06
	50	50.1	103	-0.01	-0.12	0.07	0.01	-0.01	0.03
			95	-0.01	-0.12	0.07	0.01	0.00	0.01
	51	51.1	82	-0.24	0.56	-0.08	0.01	0.03	-0.07
			84	-0.24	0.56	-0.08	0.01	0.02	0.03
	52	52.1	112	0.03	0.12	-0.06	0.02	-0.02	0.06
			121	0.03	0.12	-0.06	0.02	-0.03	0.08
	53	53.1	102	-0.01	0.12	-0.07	-0.01	0.00	0.01
			104	-0.01	0.12	-0.07	-0.01	-0.01	0.03
	54	54.1	95	-0.21	-0.56	0.14	-0.02	-0.01	0.13
			87	-0.21	-0.56	0.14	-0.02	0.02	0.03
	55	55.1	121	0.03	-0.12	0.06	-0.02	-0.03	0.08
			109	0.03	-0.12	0.06	-0.02	-0.02	0.06
	56	56.1	109	0.01	-0.12	0.07	0.00	-0.02	0.06
			103	0.01	-0.12	0.07	0.00	-0.01	0.04
Min (elemento, nodo)				**-4.16 (17, 35)**	**-10.23 (21, 33)**	**-2.68 (21, 33)**	**-0.03 (22, 26)**	**-1.39 (22, 28)**	**-0.44 (20, 16)**
Max (elemento, nodo)				**2.18 (23, 29)**	**10.24 (21, 5)**	**2.68 (21, 5)**	**0.03 (22, 28)**	**0.12 (2, 99)**	**0.44 (21, 16)**
4	1	1.1	121	-0.24	0.08	0.00	0.00	0.00	-0.05
			120	-0.24	0.08	0.00	0.00	0.00	-0.01
		1.2	120	-0.24	0.08	0.00	0.00	0.00	-0.01
			119	-0.24	0.08	0.00	0.00	0.00	0.03
		1.3	119	-0.24	0.08	0.00	0.00	0.00	0.03
			118	-0.24	0.08	0.00	0.00	0.00	0.07
	2	2.1	99	-0.17	-0.03	-0.06	-0.03	0.04	0.02
			100	-0.17	-0.03	-0.06	-0.03	0.02	0.00
		2.2	100	-0.17	-0.03	-0.06	-0.03	0.02	0.00
			101	-0.17	-0.03	-0.06	-0.03	-0.01	-0.01
		2.3	101	-0.17	-0.03	-0.06	-0.03	-0.01	-0.01
			102	-0.17	-0.03	-0.06	-0.03	-0.04	-0.03
	3	3.1	96	-0.17	0.03	0.06	0.03	-0.04	-0.03
			97	-0.17	0.03	0.06	0.03	-0.01	-0.01
		3.2	97	-0.17	0.03	0.06	0.03	-0.01	-0.01
			98	-0.17	0.03	0.06	0.03	0.02	0.00
		3.3	98	-0.17	0.03	0.06	0.03	0.02	0.00
			99	-0.17	0.03	0.06	0.03	0.04	0.02
	4	4.1	118	-0.24	-0.08	0.00	0.00	0.00	0.07
			117	-0.24	-0.08	0.00	0.00	0.00	0.03
		4.2	117	-0.24	-0.08	0.00	0.00	0.00	0.03
			116	-0.24	-0.08	0.00	0.00	0.00	-0.01
		4.3	116	-0.24	-0.08	0.00	0.00	0.00	-0.01
			115	-0.24	-0.08	0.00	0.00	0.00	-0.05
	5	5.1	76	-0.13	-0.04	-0.77	-0.09	0.02	0.03
			66	-0.13	-0.04	-0.77	-0.09	-0.36	0.01

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		5.2	66	-0.13	-0.04	-0.77	-0.09	-0.36	0.01
			49	-0.13	-0.04	-0.77	-0.09	-0.72	-0.01
		5.3	49	-0.12	0.00	0.57	0.07	-0.69	0.00
			43	-0.12	0.00	0.57	0.07	-0.40	0.00
		5.4	43	-0.12	0.00	0.57	0.07	-0.40	0.00
			37	-0.12	0.00	0.57	0.07	-0.12	0.00
		5.5	37	-0.12	0.00	0.57	0.07	-0.12	0.00
			5	-0.12	0.00	0.57	0.07	0.16	0.00
	6	6.1	71	-0.13	-0.04	0.77	0.09	-0.02	0.03
			63	-0.13	-0.04	0.77	0.09	0.36	0.01
		6.2	63	-0.13	-0.04	0.77	0.09	0.36	0.01
			50	-0.13	-0.04	0.77	0.09	0.72	-0.01
		6.3	50	-0.12	0.00	-0.57	-0.07	0.69	0.00
			44	-0.12	0.00	-0.57	-0.07	0.40	0.00
		6.4	44	-0.12	0.00	-0.57	-0.07	0.40	0.00
			38	-0.12	0.00	-0.57	-0.07	0.12	0.00
		6.5	38	-0.12	0.00	-0.57	-0.07	0.12	0.00
			6	-0.12	0.00	-0.57	-0.07	-0.16	0.00
	7	7.1	74	0.26	0.00	1.41	0.00	-0.17	0.00
			64	0.26	0.00	1.41	0.00	0.52	0.00
		7.2	64	0.26	0.00	1.41	0.00	0.52	0.00
			56	0.26	0.00	1.41	0.00	1.18	0.00
		7.3	56	0.24	0.00	-1.60	0.00	1.23	0.00
			46	0.24	0.00	-1.60	0.00	0.40	0.00
		7.4	46	0.24	0.00	-1.60	0.00	0.40	0.00
			40	0.24	0.00	-1.60	0.00	-0.38	0.00
		7.5	40	0.24	0.00	-1.60	0.00	-0.38	0.00
			13	0.24	0.00	-1.60	0.00	-1.17	0.00
	8	8.1	79	0.26	0.00	-1.41	0.00	0.17	0.00
			67	0.26	0.00	-1.41	0.00	-0.52	0.00
		8.2	67	0.26	0.00	-1.41	0.00	-0.52	0.00
			55	0.26	0.00	-1.41	0.00	-1.18	0.00
		8.3	55	0.25	0.00	1.60	0.00	-1.23	0.00
			45	0.25	0.00	1.60	0.00	-0.40	0.00
		8.4	45	0.25	0.00	1.60	0.00	-0.40	0.00
			39	0.25	0.00	1.60	0.00	0.38	0.00
		8.5	39	0.25	0.00	1.60	0.00	0.38	0.00
			12	0.25	0.00	1.60	0.00	1.17	0.00
	9	9.1	75	-0.13	0.04	0.77	-0.09	-0.02	-0.03
			65	-0.13	0.04	0.77	-0.09	0.36	-0.01
		9.2	65	-0.13	0.04	0.77	-0.09	0.36	-0.01
			62	-0.13	0.04	0.77	-0.09	0.72	0.01
		9.3	62	-0.12	0.00	-0.57	0.07	0.69	0.00
			48	-0.12	0.00	-0.57	0.07	0.40	0.00
		9.4	48	-0.12	0.00	-0.57	0.07	0.40	0.00
			42	-0.12	0.00	-0.57	0.07	0.12	0.00
		9.5	42	-0.12	0.00	-0.57	0.07	0.12	0.00
			15	-0.12	0.00	-0.57	0.07	-0.16	0.00
	10	10.1	82	-0.13	0.04	-0.77	0.09	0.02	-0.03
			68	-0.13	0.04	-0.77	0.09	-0.36	-0.01
		10.2	68	-0.13	0.04	-0.77	0.09	-0.36	-0.01
			61	-0.13	0.04	-0.77	0.09	-0.72	0.01
		10.3	61	-0.12	0.00	0.57	-0.07	-0.69	0.00
			47	-0.12	0.00	0.57	-0.07	-0.40	0.00
		10.4	47	-0.12	0.00	0.57	-0.07	-0.40	0.00
			41	-0.12	0.00	0.57	-0.07	-0.12	0.00
		10.5	41	-0.12	0.00	0.57	-0.07	-0.12	0.00
			14	-0.12	0.00	0.57	-0.07	0.16	0.00
	11	11.1	82	0.33	0.02	-0.03	-0.04	0.00	-0.02
			81	0.33	0.02	-0.03	-0.04	-0.02	-0.01
		11.2	81	0.33	0.02	-0.03	-0.04	-0.02	-0.01
			80	0.33	0.02	-0.03	-0.04	-0.04	0.00
		11.3	80	0.33	0.02	-0.03	-0.04	-0.04	0.00
			79	0.33	0.02	-0.03	-0.04	-0.05	0.01
		11.4	79	0.33	-0.02	0.03	0.04	-0.05	0.01
			78	0.33	-0.02	0.03	0.04	-0.04	0.00
		11.5	78	0.33	-0.02	0.03	0.04	-0.04	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			77	0.33	-0.02	0.03	0.04	-0.02	-0.01
		11.6	77	0.33	-0.02	0.03	0.04	-0.02	-0.01
			76	0.33	-0.02	0.03	0.04	0.00	-0.02
	12	12.1	56	-0.04	0.01	1.50	0.02	-0.27	0.00
			54	-0.04	0.01	0.56	0.02	0.21	0.00
		12.2	54	-0.04	0.01	0.56	0.02	0.21	0.00
			52	-0.04	0.01	-0.39	0.02	0.25	0.00
		12.3	52	-0.04	0.01	-0.39	0.02	0.25	0.00
			50	-0.04	0.01	-1.34	0.02	-0.16	0.00
	13	13.1	55	-0.04	0.01	-1.50	-0.02	0.27	0.00
			53	-0.04	0.01	-0.56	-0.02	-0.21	0.00
		13.2	53	-0.04	0.01	-0.56	-0.02	-0.21	0.00
			51	-0.04	0.01	0.39	-0.02	-0.25	0.00
		13.3	51	-0.04	0.01	0.39	-0.02	-0.25	0.00
			49	-0.04	0.01	1.34	-0.02	0.16	0.00
	14	14.1	61	-0.04	-0.01	-1.34	0.02	0.16	0.00
			59	-0.04	-0.01	-0.39	0.02	-0.25	0.00
		14.2	59	-0.04	-0.01	-0.39	0.02	-0.25	0.00
			57	-0.04	-0.01	0.56	0.02	-0.21	0.00
		14.3	57	-0.04	-0.01	0.56	0.02	-0.21	0.00
			55	-0.04	-0.01	1.50	0.02	0.27	0.00
	15	15.1	62	-0.04	-0.01	1.34	-0.02	-0.16	0.00
			60	-0.04	-0.01	0.39	-0.02	0.25	0.00
		15.2	60	-0.04	-0.01	0.39	-0.02	0.25	0.00
			58	-0.04	-0.01	-0.56	-0.02	0.21	0.00
		15.3	58	-0.04	-0.01	-0.56	-0.02	0.21	0.00
			56	-0.04	-0.01	-1.50	-0.02	-0.27	0.00
	16	16.1	75	0.33	0.02	0.03	0.04	0.00	-0.02
			70	0.33	0.02	0.03	0.04	0.02	-0.01
		16.2	70	0.33	0.02	0.03	0.04	0.02	-0.01
			69	0.33	0.02	0.03	0.04	0.04	0.00
		16.3	69	0.33	0.02	0.03	0.04	0.04	0.00
			74	0.33	0.02	0.03	0.04	0.05	0.01
		16.4	74	0.33	-0.02	-0.03	-0.04	0.05	0.01
			73	0.33	-0.02	-0.03	-0.04	0.04	0.00
		16.5	73	0.33	-0.02	-0.03	-0.04	0.04	0.00
			72	0.33	-0.02	-0.03	-0.04	0.02	-0.01
		16.6	72	0.33	-0.02	-0.03	-0.04	0.02	-0.01
			71	0.33	-0.02	-0.03	-0.04	0.00	-0.02
	17	17.1	36	-0.03	-0.07	-0.33	0.00	0.15	0.03
			35	-0.03	-0.07	-0.33	0.00	0.00	0.00
		17.2	35	0.05	0.00	-0.33	0.00	0.00	0.00
			34	0.05	0.00	-0.33	0.00	-0.08	0.00
		17.3	34	0.00	0.05	0.33	0.00	-0.08	-0.01
			33	0.00	0.05	0.33	0.00	0.15	0.03
	18	18.1	13	0.80	0.00	-0.25	0.00	1.18	0.00
			11	0.80	0.00	-0.25	0.00	1.07	0.00
		18.2	11	0.20	0.00	-0.24	0.00	1.07	0.00
			26	0.20	0.00	-0.24	0.00	1.01	0.00
	19	19.1	26	0.68	0.00	0.25	0.00	1.01	0.00
			12	0.68	0.00	0.25	0.00	1.18	0.00
	20	20.1	19	-0.04	0.08	-0.33	0.00	0.15	-0.03
			18	-0.04	0.08	-0.33	0.00	0.00	0.00
		20.2	18	0.08	0.02	-0.33	0.00	0.00	0.00
			17	0.08	0.02	-0.33	0.00	-0.08	0.01
		20.3	17	0.00	-0.06	0.33	0.00	-0.08	0.01
			16	0.00	-0.06	0.33	0.00	0.15	-0.03
	21	21.1	33	0.00	-0.19	-0.12	0.15	0.00	0.03
			14	0.00	-0.19	-0.12	0.15	-0.01	0.01
		21.2	14	0.03	0.16	0.01	-0.01	-0.01	-0.06
			30	0.03	0.16	0.01	-0.01	0.00	0.01
		21.3	30	-0.01	0.01	0.00	-0.01	0.00	0.01
			27	-0.01	0.01	0.00	-0.01	0.00	0.01
		21.4	27	0.01	-0.06	0.01	-0.01	0.00	0.01
			12	0.01	-0.06	0.01	-0.01	0.00	-0.02
		21.5	12	0.00	0.06	0.00	0.01	0.00	-0.02
			23	0.00	0.06	0.00	0.01	0.00	0.01

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		21.6	23	-0.05	-0.01	0.00	0.01	0.00	0.01
			20	-0.05	-0.01	0.00	0.01	0.00	0.01
		21.7	20	-0.07	-0.16	-0.01	0.01	0.00	0.01
			5	-0.07	-0.16	-0.01	0.01	-0.01	-0.06
		21.8	5	-0.14	0.20	0.12	-0.15	-0.01	0.01
			16	-0.14	0.20	0.12	-0.15	0.00	0.03
	22	22.1	34	-0.09	-0.01	0.23	0.00	0.00	0.00
			31	-0.09	-0.01	0.23	0.00	0.11	0.00
		22.2	31	-0.12	0.00	0.14	0.00	0.14	0.00
			28	-0.12	0.00	0.14	0.00	0.21	0.00
		22.3	28	-0.26	0.00	0.24	0.00	0.23	0.00
			26	-0.26	0.00	0.24	0.00	0.35	0.00
		22.4	26	-0.24	0.00	-0.24	0.00	0.35	0.00
			24	-0.24	0.00	-0.24	0.00	0.23	0.00
		22.5	24	-0.03	0.00	-0.14	0.00	0.21	0.00
			21	-0.03	0.00	-0.14	0.00	0.14	0.00
		22.6	21	0.07	0.01	-0.23	0.00	0.11	0.00
			17	0.07	0.01	-0.23	0.00	0.00	0.00
	23	23.1	36	0.06	0.18	-0.11	-0.15	0.00	-0.03
			15	0.06	0.18	-0.11	-0.15	-0.01	-0.01
		23.2	15	0.04	-0.15	0.01	0.01	-0.01	0.06
			32	0.04	-0.15	0.01	0.01	0.00	-0.01
		23.3	32	-0.02	0.00	0.00	0.01	0.00	-0.01
			29	-0.02	0.00	0.00	0.01	0.00	-0.01
		23.4	29	0.03	0.06	0.00	0.01	0.00	-0.01
			13	0.03	0.06	0.00	0.01	0.00	0.02
		23.5	13	0.01	-0.06	0.00	-0.01	0.00	0.02
			25	0.01	-0.06	0.00	-0.01	0.00	-0.01
		23.6	25	-0.08	0.00	0.00	-0.01	0.00	-0.01
			22	-0.08	0.00	0.00	-0.01	0.00	-0.01
		23.7	22	-0.05	0.15	-0.01	-0.01	0.00	-0.01
			6	-0.05	0.15	-0.01	-0.01	-0.01	0.06
		23.8	6	-0.09	-0.20	0.11	0.15	-0.01	-0.01
			19	-0.09	-0.20	0.11	0.15	0.00	-0.03
	24	24.1	89	-0.17	0.06	0.03	-0.03	-0.03	-0.04
			90	-0.17	0.06	0.03	-0.03	-0.01	-0.01
		24.2	90	-0.17	0.06	0.03	-0.03	-0.01	-0.01
			91	-0.17	0.06	0.03	-0.03	0.00	0.02
		24.3	91	-0.17	0.06	0.03	-0.03	0.00	0.02
			92	-0.17	0.06	0.03	-0.03	0.02	0.04
	25	25.1	92	-0.17	-0.06	-0.03	0.03	0.02	0.04
			93	-0.17	-0.06	-0.03	0.03	0.00	0.02
		25.2	93	-0.17	-0.06	-0.03	0.03	0.00	0.02
			94	-0.17	-0.06	-0.03	0.03	-0.01	-0.01
		25.3	94	-0.17	-0.06	-0.03	0.03	-0.01	-0.01
			95	-0.17	-0.06	-0.03	0.03	-0.03	-0.04
	27	27.1	76	0.21	-0.30	-0.78	-0.06	-0.06	0.08
			85	0.21	-0.30	-0.78	-0.06	-0.21	0.02
	28	28.1	85	0.40	-0.30	-0.70	-0.05	-0.21	0.03
			96	0.40	-0.30	-0.70	-0.05	-0.34	-0.02
	29	29.1	96	0.62	-0.12	-0.53	-0.02	-0.37	0.03
			107	0.62	-0.12	-0.53	-0.02	-0.47	0.01
	30	30.1	107	0.74	-0.12	-0.35	-0.02	-0.47	0.01
			113	0.74	-0.12	-0.35	-0.02	-0.53	-0.01
	31	31.1	113	0.81	-0.12	-0.15	-0.02	-0.53	-0.01
			115	0.81	-0.12	-0.15	-0.02	-0.56	-0.03
	32	32.1	115	0.81	0.12	0.15	0.02	-0.56	-0.03
			114	0.81	0.12	0.15	0.02	-0.53	-0.01
	33	33.1	114	0.74	0.12	0.35	0.02	-0.53	-0.01
			108	0.74	0.12	0.35	0.02	-0.47	0.01
	34	34.1	108	0.62	0.12	0.53	0.02	-0.47	0.01
			89	0.62	0.12	0.53	0.02	-0.37	0.03
	35	35.1	89	0.40	0.29	0.70	0.05	-0.34	-0.02
			83	0.40	0.29	0.70	0.05	-0.21	0.03
	36	36.1	83	0.21	0.29	0.78	0.06	-0.21	0.02
			71	0.21	0.29	0.78	0.06	-0.06	0.08
	37	37.1	88	0.71	0.00	1.16	0.00	-0.31	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			74	0.71	0.00	1.16	0.00	-0.09	0.00
	38	38.1	86	0.99	0.00	-0.93	0.00	-0.31	0.00
			99	0.99	0.00	-0.93	0.00	-0.48	0.00
	39	39.1	105	1.24	0.00	-0.42	0.00	-0.57	0.00
			110	1.24	0.00	-0.42	0.00	-0.65	0.00
	40	40.1	106	1.08	0.00	0.73	0.00	-0.57	0.00
			92	1.08	0.00	0.73	0.00	-0.43	0.00
	41	41.1	79	0.72	0.00	-1.15	0.00	-0.09	0.00
			86	0.72	0.00	-1.15	0.00	-0.31	0.00
	42	42.1	110	1.30	0.00	-0.09	0.00	-0.65	0.00
			118	1.30	0.00	-0.09	0.00	-0.67	0.00
	43	43.1	99	1.08	0.00	-0.73	0.00	-0.43	0.00
			105	1.08	0.00	-0.73	0.00	-0.57	0.00
	44	44.1	92	0.98	0.00	0.93	0.00	-0.48	0.00
			88	0.98	0.00	0.93	0.00	-0.31	0.00
	45	45.1	118	1.30	0.00	0.09	0.00	-0.67	0.00
			111	1.30	0.00	0.09	0.00	-0.65	0.00
	46	46.1	111	1.24	0.00	0.42	0.00	-0.65	0.00
			106	1.24	0.00	0.42	0.00	-0.57	0.00
	47	47.1	87	0.21	-0.29	0.78	-0.06	-0.21	-0.02
			75	0.21	-0.29	0.78	-0.06	-0.06	-0.08
	48	48.1	84	0.40	0.30	-0.70	0.05	-0.21	-0.03
			102	0.40	0.30	-0.70	0.05	-0.34	0.02
	49	49.1	104	0.74	0.12	-0.35	0.02	-0.47	-0.01
			112	0.74	0.12	-0.35	0.02	-0.53	0.01
	50	50.1	103	0.62	-0.12	0.53	-0.02	-0.47	-0.01
			95	0.62	-0.12	0.53	-0.02	-0.37	-0.03
	51	51.1	82	0.21	0.30	-0.78	0.06	-0.06	-0.08
			84	0.21	0.30	-0.78	0.06	-0.21	-0.02
	52	52.1	112	0.81	0.12	-0.15	0.02	-0.53	0.01
			121	0.81	0.12	-0.15	0.02	-0.56	0.03
	53	53.1	102	0.62	0.12	-0.53	0.02	-0.37	-0.03
			104	0.62	0.12	-0.53	0.02	-0.47	-0.01
	54	54.1	95	0.40	-0.29	0.70	-0.05	-0.34	0.02
			87	0.40	-0.29	0.70	-0.05	-0.21	-0.03
	55	55.1	121	0.81	-0.12	0.15	-0.02	-0.56	0.03
			109	0.81	-0.12	0.15	-0.02	-0.53	0.01
	56	56.1	109	0.74	-0.12	0.35	-0.02	-0.53	0.01
			103	0.74	-0.12	0.35	-0.02	-0.47	-0.01
Min (elemento, nodo)				**-0.26 (22, 28)**	**-0.30 (27, 76)**	**-1.60 (7, 56)**	**-0.15 (21, 5)**	**-1.23 (8, 55)**	**-0.08 (47, 75)**
Max (elemento, nodo)				**1.30 (42, 110)**	**0.30 (48, 84)**	**1.60 (8, 55)**	**0.15 (21, 33)**	**1.23 (7, 56)**	**0.08 (27, 76)**
7	1	1.1	121	-0.03	0.01	0.00	0.00	0.00	0.00
			120	-0.03	0.01	0.00	0.00	0.00	0.00
		1.2	120	-0.03	0.01	0.00	0.00	0.00	0.00
			119	-0.03	0.01	0.00	0.00	0.00	0.00
		1.3	119	-0.03	0.01	0.00	0.00	0.00	0.00
			118	-0.03	0.01	0.00	0.00	0.00	0.01
	2	2.1	99	-0.02	0.00	0.00	0.00	0.00	0.00
			100	-0.02	0.00	0.00	0.00	0.00	0.00
		2.2	100	-0.02	0.00	0.00	0.00	0.00	0.00
			101	-0.02	0.00	0.00	0.00	0.00	0.00
		2.3	101	-0.02	0.00	0.00	0.00	0.00	0.00
			102	-0.02	0.00	0.00	0.00	0.00	0.00
	3	3.1	96	-0.02	0.00	0.00	0.00	0.00	0.00
			97	-0.02	0.00	0.00	0.00	0.00	0.00
		3.2	97	-0.02	0.00	0.00	0.00	0.00	0.00
			98	-0.02	0.00	0.00	0.00	0.00	0.00
		3.3	98	-0.02	0.00	0.00	0.00	0.00	0.00
			99	-0.02	0.00	0.00	0.00	0.00	0.00
	4	4.1	118	-0.02	-0.01	0.00	0.00	0.00	0.01
			117	-0.02	-0.01	0.00	0.00	0.00	0.00
		4.2	117	-0.02	-0.01	0.00	0.00	0.00	0.00
			116	-0.02	-0.01	0.00	0.00	0.00	0.00
		4.3	116	-0.02	-0.01	0.00	0.00	0.00	0.00
			115	-0.02	-0.01	0.00	0.00	0.00	0.00
	5	5.1	76	-0.01	0.00	0.01	-0.01	-0.01	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			66	-0.01	0.00	0.01	-0.01	-0.01	0.00
		5.2	66	-0.01	0.00	0.01	-0.01	-0.01	0.00
			49	-0.01	0.00	0.01	-0.01	0.00	0.00
		5.3	49	0.00	-0.02	0.01	-0.03	-0.01	0.01
			43	0.00	-0.02	0.01	-0.03	0.00	0.00
		5.4	43	0.00	-0.02	0.01	-0.03	0.00	0.00
			37	0.00	-0.02	0.01	-0.03	0.00	-0.01
		5.5	37	0.00	-0.02	0.01	-0.03	0.00	-0.01
			5	0.00	-0.02	0.01	-0.03	0.01	-0.02
	6	6.1	71	-0.01	0.00	-0.02	0.01	0.01	0.00
			63	-0.01	0.00	-0.02	0.01	0.01	0.00
		6.2	63	-0.01	0.00	-0.02	0.01	0.01	0.00
			50	-0.01	0.00	-0.02	0.01	0.00	0.01
		6.3	50	-0.01	-0.02	-0.01	0.04	0.01	0.01
			44	-0.01	-0.02	-0.01	0.04	0.00	0.00
		6.4	44	-0.01	-0.02	-0.01	0.04	0.00	0.00
			38	-0.01	-0.02	-0.01	0.04	0.00	-0.01
		6.5	38	-0.01	-0.02	-0.01	0.04	0.00	-0.01
			6	-0.01	-0.02	-0.01	0.04	-0.01	-0.02
	7	7.1	74	0.03	0.00	0.02	0.00	-0.01	0.00
			64	0.03	0.00	0.02	0.00	0.00	0.00
		7.2	64	0.03	0.00	0.02	0.00	0.00	0.00
			56	0.03	0.00	0.02	0.00	0.01	0.00
		7.3	56	0.01	0.00	0.01	0.00	-0.01	0.00
			46	0.01	0.00	0.01	0.00	0.00	0.00
		7.4	46	0.01	0.00	0.01	0.00	0.00	0.00
			40	0.01	0.00	0.01	0.00	0.00	0.00
		7.5	40	0.01	0.00	0.01	0.00	0.00	0.00
			13	0.01	0.00	0.01	0.00	0.00	0.00
	8	8.1	79	0.02	0.00	-0.02	0.00	0.01	0.00
			67	0.02	0.00	-0.02	0.00	0.00	0.00
		8.2	67	0.02	0.00	-0.02	0.00	0.00	0.00
			55	0.02	0.00	-0.02	0.00	-0.01	0.00
		8.3	55	0.01	0.00	-0.01	0.00	0.01	0.00
			45	0.01	0.00	-0.01	0.00	0.00	0.00
		8.4	45	0.01	0.00	-0.01	0.00	0.00	0.00
			39	0.01	0.00	-0.01	0.00	0.00	0.00
		8.5	39	0.01	0.00	-0.01	0.00	0.00	0.00
			12	0.01	0.00	-0.01	0.00	0.00	0.00
	9	9.1	75	-0.01	-0.01	-0.02	-0.02	0.01	0.00
			65	-0.01	-0.01	-0.02	-0.02	0.01	0.00
		9.2	65	-0.01	-0.01	-0.02	-0.02	0.01	0.00
			62	-0.01	-0.01	-0.02	-0.02	0.00	-0.01
		9.3	62	0.00	0.02	-0.01	-0.04	0.01	-0.02
			48	0.00	0.02	-0.01	-0.04	0.00	0.00
		9.4	48	0.00	0.02	-0.01	-0.04	0.00	0.00
			42	0.00	0.02	-0.01	-0.04	0.00	0.01
		9.5	42	0.00	0.02	-0.01	-0.04	0.00	0.01
			15	0.00	0.02	-0.01	-0.04	-0.01	0.02
	10	10.1	82	-0.01	-0.01	0.02	0.01	-0.01	0.00
			68	-0.01	-0.01	0.02	0.01	-0.01	0.00
		10.2	68	-0.01	-0.01	0.02	0.01	-0.01	0.00
			61	-0.01	-0.01	0.02	0.01	0.00	-0.01
		10.3	61	0.00	0.02	0.01	0.04	-0.01	-0.01
			47	0.00	0.02	0.01	0.04	0.00	0.00
		10.4	47	0.00	0.02	0.01	0.04	0.00	0.00
			41	0.00	0.02	0.01	0.04	0.00	0.01
		10.5	41	0.00	0.02	0.01	0.04	0.00	0.01
			14	0.00	0.02	0.01	0.04	0.01	0.02
	11	11.1	82	0.02	0.00	0.00	0.00	0.00	0.00
			81	0.02	0.00	0.00	0.00	0.00	0.00
		11.2	81	0.02	0.00	0.00	0.00	0.00	0.00
			80	0.02	0.00	0.00	0.00	0.00	0.00
		11.3	80	0.02	0.00	0.00	0.00	0.00	0.00
			79	0.02	0.00	0.00	0.00	0.00	0.00
		11.4	79	0.02	0.00	0.00	0.00	0.00	0.00
			78	0.02	0.00	0.00	0.00	0.00	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		11.5	78	0.02	0.00	0.00	0.00	0.00	0.00
			77	0.02	0.00	0.00	0.00	0.00	0.00
		11.6	77	0.02	0.00	0.00	0.00	0.00	0.00
			76	0.02	0.00	0.00	0.00	0.00	0.00
	12	12.1	56	0.02	0.01	0.00	-0.01	0.02	0.00
			54	0.02	0.01	0.00	-0.01	0.02	0.00
		12.2	54	0.02	0.01	0.00	-0.01	0.02	0.00
			52	0.02	0.01	0.00	-0.01	0.02	0.00
		12.3	52	0.02	0.01	0.00	-0.01	0.02	0.00
			50	0.02	0.01	0.00	-0.01	0.02	0.01
	13	13.1	55	0.02	0.01	0.00	0.01	-0.02	0.00
			53	0.02	0.01	0.00	0.01	-0.02	0.00
		13.2	53	0.02	0.01	0.00	0.01	-0.02	0.00
			51	0.02	0.01	0.00	0.01	-0.02	0.00
		13.3	51	0.02	0.01	0.00	0.01	-0.02	0.00
			49	0.02	0.01	0.00	0.01	-0.02	0.01
	14	14.1	61	0.03	-0.01	0.01	-0.01	-0.02	0.01
			59	0.03	-0.01	0.01	-0.01	-0.02	0.00
		14.2	59	0.03	-0.01	0.01	-0.01	-0.02	0.00
			57	0.03	-0.01	0.01	-0.01	-0.02	0.00
		14.3	57	0.03	-0.01	0.01	-0.01	-0.02	0.00
			55	0.03	-0.01	0.01	-0.01	-0.02	0.00
	15	15.1	62	0.03	-0.01	-0.01	0.01	0.03	0.01
			60	0.03	-0.01	-0.01	0.01	0.02	0.00
		15.2	60	0.03	-0.01	-0.01	0.01	0.02	0.00
			58	0.03	-0.01	-0.01	0.01	0.02	0.00
		15.3	58	0.03	-0.01	-0.01	0.01	0.02	0.00
			56	0.03	-0.01	-0.01	0.01	0.02	0.00
	16	16.1	75	0.02	0.00	0.00	0.00	0.01	0.00
			70	0.02	0.00	0.00	0.00	0.00	0.00
		16.2	70	0.02	0.00	0.00	0.00	0.00	0.00
			69	0.02	0.00	0.00	0.00	0.00	0.00
		16.3	69	0.02	0.00	0.00	0.00	0.00	0.00
			74	0.02	0.00	0.00	0.00	0.00	0.00
		16.4	74	0.03	0.00	0.00	0.00	0.00	0.00
			73	0.03	0.00	0.00	0.00	0.00	0.00
		16.5	73	0.03	0.00	0.00	0.00	0.00	0.00
			72	0.03	0.00	0.00	0.00	0.00	0.00
		16.6	72	0.03	0.00	0.00	0.00	0.00	0.00
			71	0.03	0.00	0.00	0.00	0.00	0.00
	17	17.1	36	-255.96	-3.43	0.08	0.00	0.01	2.02
			35	-255.96	-3.43	0.08	0.00	0.04	0.43
		17.2	35	-220.84	-4.06	-0.32	0.00	0.04	0.43
			34	-220.84	-4.06	-0.32	0.00	-0.03	-0.52
		17.3	34	-244.25	3.23	0.05	0.00	-0.03	-0.43
			33	-244.25	3.23	0.05	0.00	0.01	1.83
	18	18.1	13	2.82	0.20	-0.04	0.00	0.00	-0.09
			11	2.82	0.20	-0.04	0.00	-0.02	0.00
		18.2	11	5.47	0.67	0.07	0.00	-0.02	0.00
			26	5.47	0.67	0.07	0.00	0.00	0.16
	19	19.1	26	3.37	-0.33	0.02	0.00	-0.01	0.13
			12	3.37	-0.33	0.02	0.00	0.00	-0.10
	20	20.1	19	-258.61	4.50	0.09	0.00	0.01	-2.48
			18	-258.61	4.50	0.09	0.00	0.05	-0.38
		20.2	18	-215.53	8.53	-0.36	0.00	0.05	-0.38
			17	-215.53	8.53	-0.36	0.00	-0.03	1.61
		20.3	17	-244.25	-5.32	0.06	0.00	-0.03	1.34
			16	-244.25	-5.32	0.06	0.00	0.01	-2.38
	21	21.1	33	8.92	-25.11	-0.09	0.01	0.00	1.83
			14	8.92	-25.11	-0.09	0.01	-0.01	-0.17
		21.2	14	19.74	-2.57	0.11	0.00	-0.02	-0.14
			30	19.74	-2.57	0.11	0.00	0.02	-1.21
		21.3	30	20.50	2.48	-0.06	0.00	0.02	-1.21
			27	20.50	2.48	-0.06	0.00	0.00	0.02
		21.4	27	13.37	0.07	-0.01	0.00	0.00	0.02
			12	13.37	0.07	-0.01	0.00	-0.01	0.06
		21.5	12	10.73	0.15	0.03	0.00	0.00	-0.04

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			23	10.73	0.15	0.03	0.00	0.01	0.03
		21.6	23	11.64	-2.51	0.06	0.00	0.01	0.03
			20	11.64	-2.51	0.06	0.00	0.04	-1.22
		21.7	20	2.18	3.47	-0.12	0.00	0.04	-1.22
			5	2.18	3.47	-0.12	0.00	-0.01	0.23
		21.8	5	-15.64	27.31	-0.02	-0.01	0.00	0.20
			16	-15.64	27.31	-0.02	-0.01	0.00	2.38
	22	22.1	34	-5.22	0.33	0.09	0.00	0.00	-0.09
			31	-5.22	0.33	0.09	0.00	0.05	0.07
		22.2	31	-16.17	-0.28	0.05	0.01	0.01	0.07
			28	-16.17	-0.28	0.05	0.01	0.04	-0.07
		22.3	28	-20.09	0.25	-0.05	-0.01	0.02	-0.07
			26	-20.09	0.25	-0.05	-0.01	-0.01	0.05
		22.4	26	-15.00	-0.33	0.00	0.01	-0.01	0.09
			24	-15.00	-0.33	0.00	0.01	-0.01	-0.07
		22.5	24	-1.09	0.35	-0.12	-0.01	0.02	-0.07
			21	-1.09	0.35	-0.12	-0.01	-0.04	0.10
		22.6	21	25.47	-0.75	0.07	0.00	-0.04	0.10
			17	25.47	-0.75	0.07	0.00	0.00	-0.27
	23	23.1	36	11.53	37.52	0.00	-0.01	0.00	-2.02
			15	11.53	37.52	0.00	-0.01	0.00	0.98
		23.2	15	24.14	-0.63	0.11	0.00	-0.02	0.94
			32	24.14	-0.63	0.11	0.00	0.03	0.67
		23.3	32	21.32	-0.75	-0.07	0.00	0.03	0.67
			29	21.32	-0.75	-0.07	0.00	-0.01	0.30
		23.4	29	13.00	-1.07	0.00	0.00	-0.01	0.30
			13	13.00	-1.07	0.00	0.00	-0.01	-0.24
		23.5	13	9.86	0.85	0.02	0.00	-0.01	-0.15
			25	9.86	0.85	0.02	0.00	0.00	0.27
		23.6	25	11.01	0.79	0.08	0.00	0.00	0.27
			22	11.01	0.79	0.08	0.00	0.04	0.67
		23.7	22	6.17	0.13	-0.11	0.00	0.04	0.67
			6	6.17	0.13	-0.11	0.00	0.00	0.72
		23.8	6	-15.67	-40.49	-0.18	0.01	0.01	0.76
			19	-15.67	-40.49	-0.18	0.01	0.00	-2.48
	24	24.1	89	-0.02	0.01	0.00	0.00	0.00	0.00
			90	-0.02	0.01	0.00	0.00	0.00	0.00
		24.2	90	-0.02	0.01	0.00	0.00	0.00	0.00
			91	-0.02	0.01	0.00	0.00	0.00	0.00
		24.3	91	-0.02	0.01	0.00	0.00	0.00	0.00
			92	-0.02	0.01	0.00	0.00	0.00	0.00
	25	25.1	92	-0.02	-0.01	0.00	0.00	0.00	0.00
			93	-0.02	-0.01	0.00	0.00	0.00	0.00
		25.2	93	-0.02	-0.01	0.00	0.00	0.00	0.00
			94	-0.02	-0.01	0.00	0.00	0.00	0.00
		25.3	94	-0.02	-0.01	0.00	0.00	0.00	0.00
			95	-0.02	-0.01	0.00	0.00	0.00	0.00
	27	27.1	76	-0.01	-0.03	0.01	-0.01	0.01	0.01
			85	-0.01	-0.03	0.01	-0.01	0.01	0.00
	28	28.1	85	-0.02	-0.03	0.01	-0.01	0.01	0.00
			96	-0.02	-0.03	0.01	-0.01	0.01	0.00
	29	29.1	96	-0.01	-0.01	0.01	0.00	0.01	0.00
			107	-0.01	-0.01	0.01	0.00	0.01	0.00
	30	30.1	107	-0.02	-0.01	0.00	0.00	0.01	0.00
			113	-0.02	-0.01	0.00	0.00	0.01	0.00
	31	31.1	113	-0.02	-0.01	0.00	0.00	0.01	0.00
			115	-0.02	-0.01	0.00	0.00	0.01	0.00
	32	32.1	115	-0.02	0.01	0.00	0.00	0.01	0.00
			114	-0.02	0.01	0.00	0.00	0.01	0.00
	33	33.1	114	-0.02	0.01	0.00	0.00	0.01	0.00
			108	-0.02	0.01	0.00	0.00	0.01	0.00
	34	34.1	108	-0.01	0.01	-0.01	0.00	0.01	0.00
			89	-0.01	0.01	-0.01	0.00	0.01	0.00
	35	35.1	89	-0.02	0.03	-0.01	0.01	0.01	0.00
			83	-0.02	0.03	-0.01	0.01	0.01	0.00
	36	36.1	83	-0.02	0.03	-0.01	0.01	0.01	0.00
			71	-0.02	0.03	-0.01	0.01	0.01	0.01

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	37	37.1	88	0.03	0.00	0.01	0.00	0.00	0.00
			74	0.03	0.00	0.01	0.00	0.00	0.00
	38	38.1	86	0.03	0.00	0.00	0.00	0.00	0.00
			99	0.03	0.00	0.00	0.00	0.00	0.00
	39	39.1	105	0.02	0.00	0.00	0.00	0.00	0.00
			110	0.02	0.00	0.00	0.00	0.00	0.00
	40	40.1	106	0.02	0.00	0.00	0.00	0.00	0.00
			92	0.02	0.00	0.00	0.00	0.00	0.00
	41	41.1	79	0.02	0.00	-0.01	0.00	0.00	0.00
			86	0.02	0.00	-0.01	0.00	0.00	0.00
	42	42.1	110	0.02	0.00	0.00	0.00	0.00	0.00
			118	0.02	0.00	0.00	0.00	0.00	0.00
	43	43.1	99	0.02	0.00	-0.01	0.00	0.00	0.00
			105	0.02	0.00	-0.01	0.00	0.00	0.00
	44	44.1	92	0.03	0.00	0.00	0.00	0.00	0.00
			88	0.03	0.00	0.00	0.00	0.00	0.00
	45	45.1	118	0.02	0.00	-0.01	0.00	0.00	0.00
			111	0.02	0.00	-0.01	0.00	0.00	0.00
	46	46.1	111	0.02	0.00	0.00	0.00	0.00	0.00
			106	0.02	0.00	0.00	0.00	0.00	0.00
	47	47.1	87	-0.02	-0.03	-0.01	-0.01	0.01	0.00
			75	-0.02	-0.03	-0.01	-0.01	0.01	-0.01
	48	48.1	84	-0.02	0.03	0.01	0.01	0.01	0.00
			102	-0.02	0.03	0.01	0.01	0.01	0.00
	49	49.1	104	-0.02	0.01	0.00	0.00	0.01	0.00
			112	-0.02	0.01	0.00	0.00	0.01	0.00
	50	50.1	103	-0.02	-0.01	-0.01	0.00	0.01	0.00
			95	-0.02	-0.01	-0.01	0.00	0.01	0.00
	51	51.1	82	-0.02	0.03	0.01	0.01	0.01	-0.01
			84	-0.02	0.03	0.01	0.01	0.01	0.00
	52	52.1	112	-0.02	0.01	0.00	0.00	0.01	0.00
			121	-0.02	0.01	0.00	0.00	0.01	0.00
	53	53.1	102	-0.02	0.01	0.01	0.00	0.01	0.00
			104	-0.02	0.01	0.01	0.00	0.01	0.00
	54	54.1	95	-0.02	-0.03	-0.01	-0.01	0.01	0.00
			87	-0.02	-0.03	-0.01	-0.01	0.01	0.00
	55	55.1	121	-0.02	-0.01	0.00	0.00	0.01	0.00
			109	-0.02	-0.01	0.00	0.00	0.01	0.00
	56	56.1	109	-0.02	-0.01	0.00	0.00	0.01	0.00
			103	-0.02	-0.01	0.00	0.00	0.01	0.00
Min (elemento, nodo)				**-258.61 (20, 19)**	**-40.49 (23, 6)**	**-0.36 (20, 18)**	**-0.04 (9, 62)**	**-0.04 (22, 21)**	**-2.48 (20, 19)**
Max (elemento, nodo)				**25.47 (22, 21)**	**37.52 (23, 36)**	**0.11 (21, 14)**	**0.04 (6, 50)**	**0.05 (20, 18)**	**2.38 (21, 16)**
9	1	1.1	121	-0.03	0.01	0.00	0.00	0.00	-0.01
			120	-0.03	0.01	0.00	0.00	0.00	0.00
		1.2	120	-0.03	0.01	0.00	0.00	0.00	0.00
			119	-0.03	0.01	0.00	0.00	0.00	0.01
		1.3	119	-0.03	0.01	0.00	0.00	0.00	0.01
			118	-0.03	0.01	0.00	0.00	0.00	0.01
	2	2.1	99	-0.03	-0.01	-0.02	0.00	0.01	0.01
			100	-0.03	-0.01	-0.02	0.00	0.00	0.00
		2.2	100	-0.03	-0.01	-0.02	0.00	0.00	0.00
			101	-0.03	-0.01	-0.02	0.00	0.00	0.00
		2.3	101	-0.03	-0.01	-0.02	0.00	0.00	0.00
			102	-0.03	-0.01	-0.02	0.00	-0.01	0.00
	3	3.1	96	-0.03	0.01	0.02	0.00	-0.01	0.00
			97	-0.03	0.01	0.02	0.00	0.00	0.00
		3.2	97	-0.03	0.01	0.02	0.00	0.00	0.00
			98	-0.03	0.01	0.02	0.00	0.00	0.00
		3.3	98	-0.03	0.01	0.02	0.00	0.00	0.00
			99	-0.03	0.01	0.02	0.00	0.01	0.01
	4	4.1	118	-0.03	-0.01	0.00	0.00	0.00	0.01
			117	-0.03	-0.01	0.00	0.00	0.00	0.01
		4.2	117	-0.03	-0.01	0.00	0.00	0.00	0.01
			116	-0.03	-0.01	0.00	0.00	0.00	0.00
		4.3	116	-0.03	-0.01	0.00	0.00	0.00	0.00
			115	-0.03	-0.01	0.00	0.00	0.00	-0.01

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	5	5.1	76	-0.19	0.01	0.01	0.00	-0.02	-0.01
			66	-0.19	0.01	0.01	0.00	-0.02	0.00
		5.2	66	-0.19	0.01	0.01	0.00	-0.02	0.00
			49	-0.19	0.01	0.01	0.00	-0.01	0.00
		5.3	49	-0.21	0.02	0.01	0.00	-0.01	-0.01
			43	-0.21	0.02	0.01	0.00	-0.01	0.00
		5.4	43	-0.21	0.02	0.01	0.00	-0.01	0.00
			37	-0.21	0.02	0.01	0.00	0.00	0.01
		5.5	37	-0.21	0.02	0.01	0.00	0.00	0.01
			5	-0.21	0.02	0.01	0.00	0.00	0.02
	6	6.1	71	-0.14	0.01	-0.01	0.00	0.02	0.00
			63	-0.14	0.01	-0.01	0.00	0.02	0.00
		6.2	63	-0.14	0.01	-0.01	0.00	0.02	0.00
			50	-0.14	0.01	-0.01	0.00	0.01	0.00
		6.3	50	-0.16	0.01	-0.01	0.00	0.01	-0.01
			44	-0.16	0.01	-0.01	0.00	0.01	0.00
		6.4	44	-0.16	0.01	-0.01	0.00	0.01	0.00
			38	-0.16	0.01	-0.01	0.00	0.00	0.01
		6.5	38	-0.16	0.01	-0.01	0.00	0.00	0.01
			6	-0.16	0.01	-0.01	0.00	0.00	0.01
	7	7.1	74	-0.16	0.00	-0.02	0.00	0.03	0.00
			64	-0.16	0.00	-0.02	0.00	0.02	0.00
		7.2	64	-0.16	0.00	-0.02	0.00	0.02	0.00
			56	-0.16	0.00	-0.02	0.00	0.01	0.00
		7.3	56	-0.13	0.00	-0.02	0.00	0.01	0.00
			46	-0.13	0.00	-0.02	0.00	0.00	0.00
		7.4	46	-0.13	0.00	-0.02	0.00	0.00	0.00
			40	-0.13	0.00	-0.02	0.00	-0.01	0.00
		7.5	40	-0.13	0.00	-0.02	0.00	-0.01	0.00
			13	-0.13	0.00	-0.02	0.00	-0.02	0.00
	8	8.1	79	-0.21	0.00	0.02	0.00	-0.03	0.00
			67	-0.21	0.00	0.02	0.00	-0.02	0.00
		8.2	67	-0.21	0.00	0.02	0.00	-0.02	0.00
			55	-0.21	0.00	0.02	0.00	-0.01	0.00
		8.3	55	-0.17	0.00	0.02	0.00	-0.01	0.00
			45	-0.17	0.00	0.02	0.00	0.00	0.00
		8.4	45	-0.17	0.00	0.02	0.00	0.00	0.00
			39	-0.17	0.00	0.02	0.00	0.01	0.00
		8.5	39	-0.17	0.00	0.02	0.00	0.01	0.00
			12	-0.17	0.00	0.02	0.00	0.02	0.00
	9	9.1	75	-0.14	-0.01	-0.01	0.00	0.02	0.00
			65	-0.14	-0.01	-0.01	0.00	0.02	0.00
		9.2	65	-0.14	-0.01	-0.01	0.00	0.02	0.00
			62	-0.14	-0.01	-0.01	0.00	0.01	0.00
		9.3	62	-0.16	-0.01	-0.01	0.00	0.01	0.01
			48	-0.16	-0.01	-0.01	0.00	0.01	0.00
		9.4	48	-0.16	-0.01	-0.01	0.00	0.01	0.00
			42	-0.16	-0.01	-0.01	0.00	0.00	-0.01
		9.5	42	-0.16	-0.01	-0.01	0.00	0.00	-0.01
			15	-0.16	-0.01	-0.01	0.00	0.00	-0.01
	10	10.1	82	-0.19	-0.01	0.01	0.00	-0.02	0.01
			68	-0.19	-0.01	0.01	0.00	-0.02	0.00
		10.2	68	-0.19	-0.01	0.01	0.00	-0.02	0.00
			61	-0.19	-0.01	0.01	0.00	-0.01	0.00
		10.3	61	-0.21	-0.02	0.01	0.00	-0.01	0.01
			47	-0.21	-0.02	0.01	0.00	-0.01	0.00
		10.4	47	-0.21	-0.02	0.01	0.00	-0.01	0.00
			41	-0.21	-0.02	0.01	0.00	0.00	-0.01
		10.5	41	-0.21	-0.02	0.01	0.00	0.00	-0.01
			14	-0.21	-0.02	0.01	0.00	0.00	-0.02
	11	11.1	82	0.04	0.02	-0.01	0.00	0.00	-0.01
			81	0.04	0.02	-0.01	0.00	0.00	0.00
		11.2	81	0.04	0.02	-0.01	0.00	0.00	0.00
			80	0.04	0.02	-0.01	0.00	0.00	0.01
		11.3	80	0.04	0.02	-0.01	0.00	0.00	0.01
			79	0.04	0.02	-0.01	0.00	0.00	0.01
		11.4	79	0.04	-0.02	0.01	0.00	0.00	0.01

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			78	0.04	-0.02	0.01	0.00	0.00	0.01
		11.5	78	0.04	-0.02	0.01	0.00	0.00	0.01
			77	0.04	-0.02	0.01	0.00	0.00	0.00
		11.6	77	0.04	-0.02	0.01	0.00	0.00	0.00
			76	0.04	-0.02	0.01	0.00	0.00	-0.01
	12	12.1	56	0.00	-0.01	0.00	0.00	0.00	0.01
			54	0.00	-0.01	0.00	0.00	0.00	0.00
		12.2	54	0.00	-0.01	0.00	0.00	0.00	0.00
			52	0.00	-0.01	0.00	0.00	0.00	0.00
		12.3	52	0.00	-0.01	0.00	0.00	0.00	0.00
			50	0.00	-0.01	0.00	0.00	0.00	-0.01
	13	13.1	55	0.00	-0.02	0.00	0.00	0.00	0.01
			53	0.00	-0.02	0.00	0.00	0.00	0.01
		13.2	53	0.00	-0.02	0.00	0.00	0.00	0.01
			51	0.00	-0.02	0.00	0.00	0.00	0.00
		13.3	51	0.00	-0.02	0.00	0.00	0.00	0.00
			49	0.00	-0.02	0.00	0.00	0.00	-0.01
	14	14.1	61	0.00	0.02	0.00	0.00	0.00	-0.01
			59	0.00	0.02	0.00	0.00	0.00	0.00
		14.2	59	0.00	0.02	0.00	0.00	0.00	0.00
			57	0.00	0.02	0.00	0.00	0.00	0.01
		14.3	57	0.00	0.02	0.00	0.00	0.00	0.01
			55	0.00	0.02	0.00	0.00	0.00	0.01
	15	15.1	62	0.00	0.01	0.00	0.00	0.00	-0.01
			60	0.00	0.01	0.00	0.00	0.00	0.00
		15.2	60	0.00	0.01	0.00	0.00	0.00	0.00
			58	0.00	0.01	0.00	0.00	0.00	0.00
		15.3	58	0.00	0.01	0.00	0.00	0.00	0.00
			56	0.00	0.01	0.00	0.00	0.00	0.01
	16	16.1	75	0.03	0.01	0.01	0.00	0.00	-0.01
			70	0.03	0.01	0.01	0.00	0.00	0.00
		16.2	70	0.03	0.01	0.01	0.00	0.00	0.00
			69	0.03	0.01	0.01	0.00	0.00	0.00
		16.3	69	0.03	0.01	0.01	0.00	0.00	0.00
			74	0.03	0.01	0.01	0.00	0.00	0.01
		16.4	74	0.03	-0.01	-0.01	0.00	0.00	0.01
			73	0.03	-0.01	-0.01	0.00	0.00	0.00
		16.5	73	0.03	-0.01	-0.01	0.00	0.00	0.00
			72	0.03	-0.01	-0.01	0.00	0.00	0.00
		16.6	72	0.03	-0.01	-0.01	0.00	0.00	0.00
			71	0.03	-0.01	-0.01	0.00	0.00	-0.01
	17	17.1	36	0.00	0.00	-0.01	0.00	0.00	0.00
			35	0.00	0.00	-0.01	0.00	0.00	0.00
		17.2	35	0.00	0.00	-0.01	0.00	0.00	0.00
			34	0.00	0.00	-0.01	0.00	0.00	0.00
		17.3	34	0.00	0.00	0.01	0.00	0.00	0.00
			33	0.00	0.00	0.01	0.00	0.00	0.00
	18	18.1	13	0.01	0.00	0.04	0.00	0.02	0.00
			11	0.01	0.00	0.04	0.00	0.04	0.00
		18.2	11	0.00	0.00	0.04	0.00	0.04	0.00
			26	0.00	0.00	0.04	0.00	0.05	0.00
	19	19.1	26	0.00	0.00	-0.05	0.00	0.05	0.00
			12	0.00	0.00	-0.05	0.00	0.02	0.00
	20	20.1	19	0.00	0.00	-0.01	0.00	0.00	0.00
			18	0.00	0.00	-0.01	0.00	0.00	0.00
		20.2	18	0.00	0.00	-0.01	0.00	0.00	0.00
			17	0.00	0.00	-0.01	0.00	0.00	0.00
		20.3	17	0.00	0.00	0.01	0.00	0.00	0.00
			16	0.00	0.00	0.01	0.00	0.00	0.00
	21	21.1	33	0.00	-0.01	-0.27	0.00	0.00	0.00
			14	0.00	-0.01	-0.27	0.00	-0.02	0.00
		21.2	14	0.01	0.00	-0.06	0.00	-0.01	0.00
			30	0.01	0.00	-0.06	0.00	-0.03	0.00
		21.3	30	0.02	0.00	-0.06	0.00	-0.03	0.00
			27	0.02	0.00	-0.06	0.00	-0.06	0.00
		21.4	27	0.02	0.00	-0.06	0.00	-0.06	0.00
			12	0.02	0.00	-0.06	0.00	-0.09	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		21.5	12	0.02	0.00	0.06	0.00	-0.09	0.00
			23	0.02	0.00	0.06	0.00	-0.06	0.00
		21.6	23	0.01	0.00	0.06	0.00	-0.06	0.00
			20	0.01	0.00	0.06	0.00	-0.03	0.00
		21.7	20	0.01	0.00	0.06	0.00	-0.03	0.00
			5	0.01	0.00	0.06	0.00	-0.01	0.00
		21.8	5	0.00	0.01	0.27	0.00	-0.02	0.00
			16	0.00	0.01	0.27	0.00	0.00	0.00
	22	22.1	34	0.00	0.00	-0.04	0.00	0.00	0.00
			31	0.00	0.00	-0.04	0.00	-0.02	0.00
		22.2	31	0.01	0.00	-0.03	0.00	-0.03	0.00
			28	0.01	0.00	-0.03	0.00	-0.04	0.00
		22.3	28	0.01	0.00	-0.05	0.00	-0.04	0.00
			26	0.01	0.00	-0.05	0.00	-0.07	0.00
		22.4	26	0.01	0.00	0.05	0.00	-0.07	0.00
			24	0.01	0.00	0.05	0.00	-0.04	0.00
		22.5	24	0.01	0.00	0.03	0.00	-0.04	0.00
			21	0.01	0.00	0.03	0.00	-0.03	0.00
		22.6	21	0.01	0.00	0.04	0.00	-0.02	0.00
			17	0.01	0.00	0.04	0.00	0.00	0.00
	23	23.1	36	0.00	0.01	-0.20	0.00	0.00	0.00
			15	0.00	0.01	-0.20	0.00	-0.02	0.00
		23.2	15	0.01	0.00	-0.04	0.00	0.00	0.00
			32	0.01	0.00	-0.04	0.00	-0.02	0.00
		23.3	32	0.01	0.00	-0.04	0.00	-0.02	0.00
			29	0.01	0.00	-0.04	0.00	-0.05	0.00
		23.4	29	0.02	0.00	-0.04	0.00	-0.05	0.00
			13	0.02	0.00	-0.04	0.00	-0.07	0.00
		23.5	13	0.02	0.00	0.04	0.00	-0.07	0.00
			25	0.02	0.00	0.04	0.00	-0.05	0.00
		23.6	25	0.01	0.00	0.04	0.00	-0.05	0.00
			22	0.01	0.00	0.04	0.00	-0.02	0.00
		23.7	22	0.01	0.00	0.04	0.00	-0.02	0.00
			6	0.01	0.00	0.04	0.00	0.00	0.00
		23.8	6	0.00	-0.01	0.20	0.00	-0.02	0.00
			19	0.00	-0.01	0.20	0.00	0.00	0.00
	24	24.1	89	-0.02	0.01	0.00	0.00	0.00	-0.01
			90	-0.02	0.01	0.00	0.00	0.00	0.00
		24.2	90	-0.02	0.01	0.00	0.00	0.00	0.00
			91	-0.02	0.01	0.00	0.00	0.00	0.00
		24.3	91	-0.02	0.01	0.00	0.00	0.00	0.00
			92	-0.02	0.01	0.00	0.00	0.00	0.01
	25	25.1	92	-0.02	-0.01	0.00	0.00	0.00	0.01
			93	-0.02	-0.01	0.00	0.00	0.00	0.00
		25.2	93	-0.02	-0.01	0.00	0.00	0.00	0.00
			94	-0.02	-0.01	0.00	0.00	0.00	0.00
		25.3	94	-0.02	-0.01	0.00	0.00	0.00	0.00
			95	-0.02	-0.01	0.00	0.00	0.00	-0.01
	27	27.1	76	-0.16	-0.05	-0.06	0.00	0.02	0.01
			85	-0.16	-0.05	-0.06	0.00	0.01	0.00
	28	28.1	85	-0.14	-0.05	-0.10	0.00	0.01	0.00
			96	-0.13	-0.05	-0.09	0.00	-0.01	-0.01
	29	29.1	96	-0.09	-0.01	-0.11	0.00	-0.01	0.00
			107	-0.06	-0.01	-0.08	0.00	-0.03	0.00
	30	30.1	107	-0.04	-0.01	-0.10	0.00	-0.03	0.00
			113	-0.02	-0.01	-0.04	0.00	-0.04	0.00
	31	31.1	113	0.00	-0.01	-0.04	0.00	-0.04	0.00
			115	0.00	-0.01	0.02	0.00	-0.04	-0.01
	32	32.1	115	0.00	0.02	0.03	0.00	-0.04	-0.01
			114	-0.01	0.02	0.06	0.00	-0.03	0.00
	33	33.1	114	-0.02	0.02	0.06	0.00	-0.03	0.00
			108	-0.03	0.02	0.09	0.00	-0.02	0.00
	34	34.1	108	-0.06	0.02	0.08	0.00	-0.02	0.00
			89	-0.07	0.02	0.09	0.00	0.00	0.00
	35	35.1	89	-0.10	0.04	0.07	0.00	0.00	-0.01
			83	-0.11	0.04	0.08	0.00	0.01	0.00
	36	36.1	83	-0.12	0.04	0.05	0.00	0.01	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			71	-0.12	0.04	0.05	0.00	0.02	0.01
	37	37.1	88	-0.19	0.00	0.04	0.00	0.02	0.00
			74	-0.19	0.00	0.04	0.00	0.03	0.00
	38	38.1	86	-0.21	0.00	-0.12	0.00	0.02	0.00
			99	-0.20	0.00	-0.11	0.00	-0.01	0.00
	39	39.1	105	-0.11	0.00	-0.15	0.00	-0.03	0.00
			110	-0.06	0.00	-0.04	0.00	-0.05	0.00
	40	40.1	106	-0.13	0.00	0.11	0.00	-0.02	0.00
			92	-0.16	0.00	0.14	0.00	0.01	0.00
	41	41.1	79	-0.24	0.00	-0.07	0.00	0.03	0.00
			86	-0.24	0.00	-0.07	0.00	0.02	0.00
	42	42.1	110	-0.05	0.00	-0.05	0.00	-0.05	0.00
			118	-0.03	0.00	0.07	0.00	-0.05	0.00
	43	43.1	99	-0.19	0.00	-0.18	0.00	0.00	0.00
			105	-0.14	0.00	-0.12	0.00	-0.03	0.00
	44	44.1	92	-0.16	0.00	0.08	0.00	0.00	0.00
			88	-0.17	0.00	0.09	0.00	0.02	0.00
	45	45.1	118	-0.05	0.00	0.04	0.00	-0.05	0.00
			111	-0.05	0.00	0.10	0.00	-0.04	0.00
	46	46.1	111	-0.08	0.00	0.08	0.00	-0.04	0.00
			106	-0.10	0.00	0.14	0.00	-0.02	0.00
	47	47.1	87	-0.12	-0.04	0.05	0.00	0.01	0.00
			75	-0.12	-0.04	0.05	0.00	0.02	-0.01
	48	48.1	84	-0.14	0.05	-0.10	0.00	0.01	0.00
			102	-0.13	0.05	-0.09	0.00	-0.01	0.01
	49	49.1	104	-0.04	0.01	-0.10	0.00	-0.03	0.00
			112	-0.02	0.01	-0.04	0.00	-0.04	0.00
	50	50.1	103	-0.06	-0.02	0.08	0.00	-0.02	0.00
			95	-0.07	-0.02	0.09	0.00	0.00	0.00
	51	51.1	82	-0.16	0.05	-0.06	0.00	0.02	-0.01
			84	-0.16	0.05	-0.06	0.00	0.01	0.00
	52	52.1	112	0.00	0.01	-0.04	0.00	-0.04	0.00
			121	0.00	0.01	0.02	0.00	-0.04	0.01
	53	53.1	102	-0.09	0.01	-0.11	0.00	-0.01	0.00
			104	-0.06	0.01	-0.08	0.00	-0.03	0.00
	54	54.1	95	-0.10	-0.04	0.07	0.00	0.00	0.01
			87	-0.11	-0.04	0.08	0.00	0.01	0.00
	55	55.1	121	0.00	-0.02	0.03	0.00	-0.04	0.01
			109	-0.01	-0.02	0.06	0.00	-0.03	0.00
	56	56.1	109	-0.02	-0.02	0.06	0.00	-0.03	0.00
			103	-0.03	-0.02	0.09	0.00	-0.02	0.00
Min (elemento, nodo)				**-0.24 (41, 79)**	**-0.05 (27, 76)**	**-0.27 (21, 33)**	**0.00 (1, 121)**	**-0.09 (21, 12)**	**-0.02 (10, 14)**
Max (elemento, nodo)				**0.04 (11, 82)**	**0.05 (48, 84)**	**0.27 (21, 5)**	**0.00 (1, 121)**	**0.05 (18, 26)**	**0.02 (5, 5)**
11	1	1.1	121	0.01	0.00	0.02	-0.01	-0.02	0.00
			120	0.01	0.00	0.02	-0.01	-0.01	0.00
		1.2	120	0.01	0.00	0.02	-0.01	-0.01	0.00
			119	0.01	0.00	0.02	-0.01	0.01	0.00
		1.3	119	0.01	0.00	0.02	-0.01	0.01	0.00
			118	0.01	0.00	0.02	-0.01	0.02	0.00
	2	2.1	99	0.06	0.01	0.04	-0.01	-0.03	-0.01
			100	0.06	0.01	0.04	-0.01	-0.01	-0.01
		2.2	100	0.06	0.01	0.04	-0.01	-0.01	-0.01
			101	0.06	0.01	0.04	-0.01	0.01	0.00
		2.3	101	0.06	0.01	0.04	-0.01	0.01	0.00
			102	0.06	0.01	0.04	-0.01	0.03	0.00
	3	3.1	96	0.06	-0.01	-0.04	0.01	0.03	0.00
			97	0.06	-0.01	-0.04	0.01	0.01	0.00
		3.2	97	0.06	-0.01	-0.04	0.01	0.01	0.00
			98	0.06	-0.01	-0.04	0.01	-0.01	-0.01
		3.3	98	0.06	-0.01	-0.04	0.01	-0.01	-0.01
			99	0.06	-0.01	-0.04	0.01	-0.03	-0.01
	4	4.1	118	0.01	0.00	-0.02	0.01	0.02	0.00
			117	0.01	0.00	-0.02	0.01	0.01	0.00
		4.2	117	0.01	0.00	-0.02	0.01	0.01	0.00
			116	0.01	0.00	-0.02	0.01	-0.01	0.00
		4.3	116	0.01	0.00	-0.02	0.01	-0.01	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			115	0.01	0.00	-0.02	0.01	-0.02	0.00
	5	5.1	76	0.38	-0.04	-0.16	-0.01	0.22	0.02
			66	0.38	-0.04	-0.16	-0.01	0.14	0.00
		5.2	66	0.38	-0.04	-0.16	-0.01	0.14	0.00
			49	0.38	-0.04	-0.16	-0.01	0.07	-0.02
		5.3	49	0.45	-0.05	-0.09	0.01	0.05	0.03
			43	0.45	-0.05	-0.09	0.01	0.00	0.00
		5.4	43	0.45	-0.05	-0.09	0.01	0.00	0.00
			37	0.45	-0.05	-0.09	0.01	-0.04	-0.02
		5.5	37	0.45	-0.05	-0.09	0.01	-0.04	-0.02
			5	0.45	-0.05	-0.09	0.01	-0.09	-0.05
	6	6.1	71	-0.38	0.04	-0.14	-0.01	0.19	-0.02
			63	-0.38	0.04	-0.14	-0.01	0.12	0.00
		6.2	63	-0.38	0.04	-0.14	-0.01	0.12	0.00
			50	-0.38	0.04	-0.14	-0.01	0.05	0.02
		6.3	50	-0.45	0.05	-0.08	0.01	0.04	-0.03
			44	-0.45	0.05	-0.08	0.01	0.00	0.00
		6.4	44	-0.45	0.05	-0.08	0.01	0.00	0.00
			38	-0.45	0.05	-0.08	0.01	-0.04	0.02
		6.5	38	-0.45	0.05	-0.08	0.01	-0.04	0.02
			6	-0.45	0.05	-0.08	0.01	-0.08	0.05
	7	7.1	74	-0.01	0.00	-0.17	0.00	0.20	0.00
			64	-0.01	0.00	-0.17	0.00	0.12	0.00
		7.2	64	-0.01	0.00	-0.17	0.00	0.12	0.00
			56	-0.01	0.00	-0.17	0.00	0.04	0.00
		7.3	56	0.11	0.00	-0.29	0.00	0.07	0.00
			46	0.11	0.00	-0.29	0.00	-0.08	0.00
		7.4	46	0.11	0.00	-0.29	0.00	-0.08	0.00
			40	0.11	0.00	-0.29	0.00	-0.22	0.00
		7.5	40	0.11	0.00	-0.29	0.00	-0.22	0.00
			13	0.11	0.00	-0.29	0.00	-0.37	0.00
	8	8.1	79	-0.01	0.00	-0.19	0.00	0.25	0.00
			67	-0.01	0.00	-0.19	0.00	0.15	0.00
		8.2	67	-0.01	0.00	-0.19	0.00	0.15	0.00
			55	-0.01	0.00	-0.19	0.00	0.06	0.00
		8.3	55	-0.14	0.00	-0.32	0.00	0.09	0.00
			45	-0.14	0.00	-0.32	0.00	-0.08	0.00
		8.4	45	-0.14	0.00	-0.32	0.00	-0.08	0.00
			39	-0.14	0.00	-0.32	0.00	-0.24	0.00
		8.5	39	-0.14	0.00	-0.32	0.00	-0.24	0.00
			12	-0.14	0.00	-0.32	0.00	-0.40	0.00
	9	9.1	75	-0.38	-0.04	-0.14	0.01	0.19	0.02
			65	-0.38	-0.04	-0.14	0.01	0.12	0.00
		9.2	65	-0.38	-0.04	-0.14	0.01	0.12	0.00
			62	-0.38	-0.04	-0.14	0.01	0.05	-0.02
		9.3	62	-0.45	-0.05	-0.08	-0.01	0.04	0.03
			48	-0.45	-0.05	-0.08	-0.01	0.00	0.00
		9.4	48	-0.45	-0.05	-0.08	-0.01	0.00	0.00
			42	-0.45	-0.05	-0.08	-0.01	-0.04	-0.02
		9.5	42	-0.45	-0.05	-0.08	-0.01	-0.04	-0.02
			15	-0.45	-0.05	-0.08	-0.01	-0.08	-0.05
	10	10.1	82	0.38	0.04	-0.16	0.01	0.22	-0.02
			68	0.38	0.04	-0.16	0.01	0.14	0.00
		10.2	68	0.38	0.04	-0.16	0.01	0.14	0.00
			61	0.38	0.04	-0.16	0.01	0.07	0.02
		10.3	61	0.45	0.05	-0.09	-0.01	0.05	-0.03
			47	0.45	0.05	-0.09	-0.01	0.00	0.00
		10.4	47	0.45	0.05	-0.09	-0.01	0.00	0.00
			41	0.45	0.05	-0.09	-0.01	-0.04	0.02
		10.5	41	0.45	0.05	-0.09	-0.01	-0.04	0.02
			14	0.45	0.05	-0.09	-0.01	-0.09	0.05
	11	11.1	82	-0.04	-0.05	0.00	-0.01	-0.01	0.03
			81	-0.04	-0.05	0.00	-0.01	-0.01	0.01
		11.2	81	-0.04	-0.05	0.00	-0.01	-0.01	0.01
			80	-0.04	-0.05	0.00	-0.01	0.00	-0.02
		11.3	80	-0.04	-0.05	0.00	-0.01	0.00	-0.02
			79	-0.04	-0.05	0.00	-0.01	0.00	-0.04

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		11.4	79	-0.04	0.05	0.00	0.01	0.00	-0.04
			78	-0.04	0.05	0.00	0.01	0.00	-0.02
		11.5	78	-0.04	0.05	0.00	0.01	0.00	-0.02
			77	-0.04	0.05	0.00	0.01	-0.01	0.01
		11.6	77	-0.04	0.05	0.00	0.01	-0.01	0.01
			76	-0.04	0.05	0.00	0.01	-0.01	0.03
	12	12.1	56	-0.01	-0.06	0.06	0.01	-0.07	0.05
			54	-0.01	-0.06	0.06	0.01	-0.04	0.02
		12.2	54	-0.01	-0.06	0.06	0.01	-0.04	0.02
			52	-0.01	-0.06	0.06	0.01	-0.01	-0.01
		12.3	52	-0.01	-0.06	0.06	0.01	-0.01	-0.01
			50	-0.01	-0.06	0.06	0.01	0.02	-0.04
	13	13.1	55	0.01	0.06	0.06	0.01	-0.07	-0.05
			53	0.01	0.06	0.06	0.01	-0.04	-0.02
		13.2	53	0.01	0.06	0.06	0.01	-0.04	-0.02
			51	0.01	0.06	0.06	0.01	-0.01	0.01
		13.3	51	0.01	0.06	0.06	0.01	-0.01	0.01
			49	0.01	0.06	0.06	0.01	0.02	0.04
	14	14.1	61	0.01	-0.06	-0.06	-0.01	0.02	0.04
			59	0.01	-0.06	-0.06	-0.01	-0.01	0.01
		14.2	59	0.01	-0.06	-0.06	-0.01	-0.01	0.01
			57	0.01	-0.06	-0.06	-0.01	-0.04	-0.02
		14.3	57	0.01	-0.06	-0.06	-0.01	-0.04	-0.02
			55	0.01	-0.06	-0.06	-0.01	-0.07	-0.05
	15	15.1	62	-0.01	0.06	-0.06	-0.01	0.02	-0.04
			60	-0.01	0.06	-0.06	-0.01	-0.01	-0.01
		15.2	60	-0.01	0.06	-0.06	-0.01	-0.01	-0.01
			58	-0.01	0.06	-0.06	-0.01	-0.04	0.02
		15.3	58	-0.01	0.06	-0.06	-0.01	-0.04	0.02
			56	-0.01	0.06	-0.06	-0.01	-0.07	0.05
	16	16.1	75	0.02	0.05	0.00	-0.01	-0.01	-0.03
			70	0.02	0.05	0.00	-0.01	-0.01	-0.01
		16.2	70	0.02	0.05	0.00	-0.01	-0.01	-0.01
			69	0.02	0.05	0.00	-0.01	-0.01	0.02
		16.3	69	0.02	0.05	0.00	-0.01	-0.01	0.02
			74	0.02	0.05	0.00	-0.01	-0.01	0.04
		16.4	74	0.02	-0.05	0.00	0.01	-0.01	0.04
			73	0.02	-0.05	0.00	0.01	-0.01	0.02
		16.5	73	0.02	-0.05	0.00	0.01	-0.01	0.02
			72	0.02	-0.05	0.00	0.01	-0.01	-0.01
		16.6	72	0.02	-0.05	0.00	0.01	-0.01	-0.01
			71	0.02	-0.05	0.00	0.01	-0.01	-0.03
	17	17.1	36	-0.02	0.00	-0.11	0.00	0.08	0.00
			35	-0.02	0.00	-0.11	0.00	0.03	0.00
		17.2	35	0.03	0.00	-0.11	0.00	0.03	0.00
			34	0.03	0.00	-0.11	0.00	0.00	0.00
		17.3	34	0.00	0.00	-0.12	0.00	0.00	0.00
			33	0.00	0.00	-0.12	0.00	-0.09	0.00
	18	18.1	13	0.06	0.00	-0.55	0.00	0.38	0.00
			11	0.06	0.00	-0.55	0.00	0.12	0.00
		18.2	11	0.02	0.00	-0.55	0.00	0.12	0.00
			26	0.02	0.00	-0.55	0.00	-0.01	0.00
	19	19.1	26	-0.06	0.00	-0.56	0.00	-0.01	0.00
			12	-0.06	0.00	-0.56	0.00	-0.40	0.00
	20	20.1	19	-0.03	0.00	-0.11	0.00	0.08	0.00
			18	-0.03	0.00	-0.11	0.00	0.03	0.00
		20.2	18	0.06	0.00	-0.11	0.00	0.03	0.00
			17	0.06	0.00	-0.11	0.00	0.00	0.00
		20.3	17	0.00	0.00	-0.12	0.00	0.00	0.00
			16	0.00	0.00	-0.12	0.00	-0.09	0.00
	21	21.1	33	0.01	0.10	0.66	-0.09	0.00	0.00
			14	0.01	0.10	0.66	-0.09	0.05	0.01
		21.2	14	-0.07	0.01	0.21	0.00	0.00	0.00
			30	-0.07	0.01	0.21	0.00	0.09	0.00
		21.3	30	-0.13	-0.01	0.21	0.00	0.09	0.00
			27	-0.13	-0.01	0.21	0.00	0.20	0.00
		21.4	27	-0.20	0.01	0.21	0.00	0.20	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			12	-0.20	0.01	0.21	0.00	0.30	0.01
		21.5	12	-0.17	-0.02	-0.21	0.00	0.30	0.01
			23	-0.17	-0.02	-0.21	0.00	0.20	0.00
		21.6	23	-0.06	0.01	-0.21	0.00	0.20	0.00
			20	-0.06	0.01	-0.21	0.00	0.09	0.00
		21.7	20	0.06	-0.01	-0.21	0.00	0.09	0.00
			5	0.06	-0.01	-0.21	0.00	0.00	0.00
		21.8	5	0.18	-0.11	-0.66	0.09	0.05	0.01
			16	0.18	-0.11	-0.66	0.09	0.00	0.00
	22	22.1	34	0.00	0.00	-0.01	0.00	0.00	0.00
			31	0.00	0.00	-0.01	0.00	0.00	0.00
		22.2	31	-0.01	0.00	0.00	0.00	0.00	0.00
			28	-0.01	0.00	0.00	0.00	0.00	0.00
		22.3	28	0.01	0.00	-0.01	0.00	0.00	0.00
			26	0.01	0.00	-0.01	0.00	-0.01	0.00
		22.4	26	0.01	-0.01	0.01	0.00	-0.01	0.00
			24	0.01	-0.01	0.01	0.00	0.00	0.00
		22.5	24	-0.01	0.00	0.00	0.00	0.00	0.00
			21	-0.01	0.00	0.00	0.00	0.00	0.00
		22.6	21	-0.01	0.00	0.01	0.00	0.00	0.00
			17	-0.01	0.00	0.01	0.00	0.00	0.00
	23	23.1	36	-0.01	0.09	-0.67	-0.08	0.00	0.00
			15	-0.01	0.09	-0.67	-0.08	-0.05	0.01
		23.2	15	0.07	0.01	-0.22	0.00	0.00	0.00
			32	0.07	0.01	-0.22	0.00	-0.09	0.00
		23.3	32	0.14	0.00	-0.22	0.00	-0.09	0.00
			29	0.14	0.00	-0.22	0.00	-0.20	0.00
		23.4	29	0.20	0.01	-0.22	0.00	-0.20	0.00
			13	0.20	0.01	-0.22	0.00	-0.31	0.00
		23.5	13	0.18	-0.01	0.22	0.00	-0.31	0.01
			25	0.18	-0.01	0.22	0.00	-0.20	0.00
		23.6	25	0.05	0.01	0.22	0.00	-0.20	0.00
			22	0.05	0.01	0.22	0.00	-0.09	0.00
		23.7	22	-0.05	-0.01	0.22	0.00	-0.09	0.00
			6	-0.05	-0.01	0.22	0.00	0.00	0.00
		23.8	6	-0.18	-0.10	0.67	0.08	-0.05	0.01
			19	-0.18	-0.10	0.67	0.08	0.00	0.00
	24	24.1	89	-0.06	0.03	0.01	0.01	0.00	-0.02
			90	-0.06	0.03	0.01	0.01	0.00	-0.01
		24.2	90	-0.06	0.03	0.01	0.01	0.00	-0.01
			91	-0.06	0.03	0.01	0.01	0.01	0.01
		24.3	91	-0.06	0.03	0.01	0.01	0.01	0.01
			92	-0.06	0.03	0.01	0.01	0.01	0.02
	25	25.1	92	-0.06	-0.03	-0.01	-0.01	0.01	0.02
			93	-0.06	-0.03	-0.01	-0.01	0.01	0.01
		25.2	93	-0.06	-0.03	-0.01	-0.01	0.01	0.01
			94	-0.06	-0.03	-0.01	-0.01	0.00	-0.01
		25.3	94	-0.06	-0.03	-0.01	-0.01	0.00	-0.01
			95	-0.06	-0.03	-0.01	-0.01	0.00	-0.02
	27	27.1	76	0.37	0.08	-0.01	-0.01	-0.23	-0.01
			85	0.37	0.08	0.10	-0.01	-0.22	0.01
	28	28.1	85	0.33	0.08	0.19	-0.01	-0.22	0.01
			96	0.33	0.08	0.27	-0.01	-0.18	0.02
	29	29.1	96	0.21	0.01	0.33	-0.01	-0.18	0.00
			107	0.21	0.01	0.37	-0.01	-0.12	0.00
	30	30.1	107	0.11	0.01	0.41	-0.01	-0.12	0.00
			113	0.11	0.01	0.39	-0.01	-0.04	0.00
	31	31.1	113	0.00	0.01	0.41	0.00	-0.04	0.01
			115	0.00	0.01	0.39	0.00	0.03	0.01
	32	32.1	115	-0.12	0.00	0.37	-0.01	0.03	-0.01
			114	-0.12	0.00	0.35	-0.01	0.09	-0.01
	33	33.1	114	-0.21	0.00	0.30	-0.01	0.09	0.00
			108	-0.21	0.00	0.28	-0.01	0.15	0.00
	34	34.1	108	-0.27	0.00	0.22	-0.01	0.15	0.00
			89	-0.27	0.00	0.20	-0.01	0.19	0.00
	35	35.1	89	-0.35	0.07	0.13	-0.01	0.18	-0.02
			83	-0.35	0.07	0.11	-0.01	0.20	-0.01

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	36	36.1	83	-0.36	0.07	0.01	-0.01	0.20	-0.01
			71	-0.36	0.07	-0.01	-0.01	0.20	0.01
	37	37.1	88	-0.17	0.00	-0.06	0.00	0.20	0.00
			74	-0.17	0.00	-0.10	0.00	0.18	0.00
	38	38.1	86	0.14	0.00	0.10	0.00	-0.23	0.00
			99	0.14	0.00	0.27	0.00	-0.20	0.00
	39	39.1	105	0.03	0.00	0.42	0.00	-0.11	0.00
			110	0.03	0.00	0.39	0.00	-0.04	0.00
	40	40.1	106	-0.23	0.00	0.15	0.00	0.15	0.00
			92	-0.23	0.00	0.11	0.00	0.18	0.00
	41	41.1	79	0.16	0.00	-0.15	0.00	-0.22	0.00
			86	0.16	0.00	0.06	0.00	-0.23	0.00
	42	42.1	110	-0.07	0.00	0.39	0.00	-0.04	0.00
			118	-0.07	0.00	0.35	0.00	0.03	0.00
	43	43.1	99	0.14	0.00	0.33	0.00	-0.18	0.00
			105	0.14	0.00	0.40	0.00	-0.11	0.00
	44	44.1	92	-0.18	0.00	0.03	0.00	0.20	0.00
			88	-0.18	0.00	-0.01	0.00	0.20	0.00
	45	45.1	118	-0.11	0.00	0.33	0.00	0.05	0.00
			111	-0.11	0.00	0.29	0.00	0.11	0.00
	46	46.1	111	-0.18	0.00	0.25	0.00	0.11	0.00
			106	-0.18	0.00	0.20	0.00	0.15	0.00
	47	47.1	87	-0.36	-0.07	0.01	0.01	0.20	0.01
			75	-0.36	-0.07	-0.01	0.01	0.20	-0.01
	48	48.1	84	0.33	-0.08	0.19	0.01	-0.22	-0.01
			102	0.33	-0.08	0.27	0.01	-0.18	-0.02
	49	49.1	104	0.11	-0.01	0.41	0.01	-0.12	0.00
			112	0.11	-0.01	0.39	0.01	-0.04	0.00
	50	50.1	103	-0.27	0.00	0.22	0.01	0.15	0.00
			95	-0.27	0.00	0.20	0.01	0.19	0.00
	51	51.1	82	0.36	-0.08	-0.01	0.01	-0.23	0.01
			84	0.36	-0.08	0.10	0.01	-0.22	-0.01
	52	52.1	112	0.00	-0.01	0.41	0.00	-0.04	-0.01
			121	0.00	-0.01	0.39	0.00	0.03	-0.01
	53	53.1	102	0.21	-0.01	0.33	0.01	-0.18	0.00
			104	0.21	-0.01	0.37	0.01	-0.12	0.00
	54	54.1	95	-0.35	-0.07	0.13	0.01	0.18	0.02
			87	-0.35	-0.07	0.11	0.01	0.20	0.01
	55	55.1	121	-0.12	0.00	0.37	0.01	0.03	0.01
			109	-0.12	0.00	0.35	0.01	0.09	0.01
	56	56.1	109	-0.21	0.00	0.30	0.01	0.09	0.00
			103	-0.21	0.00	0.28	0.01	0.15	0.00
Min (elemento, nodo)				**-0.45 (6, 50)**	**-0.11 (21, 5)**	**-0.67 (23, 36)**	**-0.09 (21, 33)**	**-0.40 (8, 12)**	**-0.05 (5, 5)**
Max (elemento, nodo)				**0.45 (5, 49)**	**0.10 (21, 33)**	**0.67 (23, 6)**	**0.09 (21, 5)**	**0.38 (18, 13)**	**0.05 (6, 6)**
13	1	1.1	121	0.01	0.00	-0.02	0.01	0.02	0.00
			120	0.01	0.00	-0.02	0.01	0.01	0.00
		1.2	120	0.01	0.00	-0.02	0.01	0.01	0.00
			119	0.01	0.00	-0.02	0.01	-0.01	0.00
		1.3	119	0.01	0.00	-0.02	0.01	-0.01	0.00
			118	0.01	0.00	-0.02	0.01	-0.02	0.00
	2	2.1	99	-0.06	-0.01	-0.03	0.01	0.02	0.01
			100	-0.06	-0.01	-0.03	0.01	0.01	0.01
		2.2	100	-0.06	-0.01	-0.03	0.01	0.01	0.01
			101	-0.06	-0.01	-0.03	0.01	-0.01	0.00
		2.3	101	-0.06	-0.01	-0.03	0.01	-0.01	0.00
			102	-0.06	-0.01	-0.03	0.01	-0.02	0.00
	3	3.1	96	-0.06	0.01	0.03	-0.01	-0.02	0.00
			97	-0.06	0.01	0.03	-0.01	-0.01	0.00
		3.2	97	-0.06	0.01	0.03	-0.01	-0.01	0.00
			98	-0.06	0.01	0.03	-0.01	0.01	0.01
		3.3	98	-0.06	0.01	0.03	-0.01	0.01	0.01
			99	-0.06	0.01	0.03	-0.01	0.02	0.01
	4	4.1	118	0.01	0.00	0.02	-0.01	-0.02	0.00
			117	0.01	0.00	0.02	-0.01	-0.01	0.00
		4.2	117	0.01	0.00	0.02	-0.01	-0.01	0.00
			116	0.01	0.00	0.02	-0.01	0.01	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		4.3	116	0.01	0.00	0.02	-0.01	0.01	0.00
			115	0.01	0.00	0.02	-0.01	0.02	0.00
	5	5.1	76	-0.38	0.04	0.14	0.01	-0.19	-0.02
			66	-0.38	0.04	0.14	0.01	-0.12	0.00
		5.2	66	-0.38	0.04	0.14	0.01	-0.12	0.00
			49	-0.38	0.04	0.14	0.01	-0.05	0.02
		5.3	49	-0.45	0.05	0.08	-0.01	-0.04	-0.03
			43	-0.45	0.05	0.08	-0.01	0.00	0.00
		5.4	43	-0.45	0.05	0.08	-0.01	0.00	0.00
			37	-0.45	0.05	0.08	-0.01	0.04	0.02
		5.5	37	-0.45	0.05	0.08	-0.01	0.04	0.02
			5	-0.45	0.05	0.08	-0.01	0.08	0.05
	6	6.1	71	0.38	-0.04	0.16	0.01	-0.22	0.02
			63	0.38	-0.04	0.16	0.01	-0.14	0.00
		6.2	63	0.38	-0.04	0.16	0.01	-0.14	0.00
			50	0.38	-0.04	0.16	0.01	-0.07	-0.02
		6.3	50	0.45	-0.05	0.09	-0.01	-0.05	0.03
			44	0.45	-0.05	0.09	-0.01	0.00	0.00
		6.4	44	0.45	-0.05	0.09	-0.01	0.00	0.00
			38	0.45	-0.05	0.09	-0.01	0.04	-0.02
		6.5	38	0.45	-0.05	0.09	-0.01	0.04	-0.02
			6	0.45	-0.05	0.09	-0.01	0.09	-0.05
	7	7.1	74	-0.01	0.00	0.19	0.00	-0.25	0.00
			64	-0.01	0.00	0.19	0.00	-0.15	0.00
		7.2	64	-0.01	0.00	0.19	0.00	-0.15	0.00
			56	-0.01	0.00	0.19	0.00	-0.06	0.00
		7.3	56	-0.14	0.00	0.32	0.00	-0.09	0.00
			46	-0.14	0.00	0.32	0.00	0.08	0.00
		7.4	46	-0.14	0.00	0.32	0.00	0.08	0.00
			40	-0.14	0.00	0.32	0.00	0.24	0.00
		7.5	40	-0.14	0.00	0.32	0.00	0.24	0.00
			13	-0.14	0.00	0.32	0.00	0.40	0.00
	8	8.1	79	-0.02	0.00	0.17	0.00	-0.20	0.00
			67	-0.02	0.00	0.17	0.00	-0.12	0.00
		8.2	67	-0.02	0.00	0.17	0.00	-0.12	0.00
			55	-0.02	0.00	0.17	0.00	-0.04	0.00
		8.3	55	0.11	0.00	0.29	0.00	-0.07	0.00
			45	0.11	0.00	0.29	0.00	0.08	0.00
		8.4	45	0.11	0.00	0.29	0.00	0.08	0.00
			39	0.11	0.00	0.29	0.00	0.22	0.00
		8.5	39	0.11	0.00	0.29	0.00	0.22	0.00
			12	0.11	0.00	0.29	0.00	0.37	0.00
	9	9.1	75	0.38	0.04	0.16	-0.01	-0.22	-0.02
			65	0.38	0.04	0.16	-0.01	-0.14	0.00
		9.2	65	0.38	0.04	0.16	-0.01	-0.14	0.00
			62	0.38	0.04	0.16	-0.01	-0.07	0.02
		9.3	62	0.45	0.05	0.09	0.01	-0.05	-0.03
			48	0.45	0.05	0.09	0.01	0.00	0.00
		9.4	48	0.45	0.05	0.09	0.01	0.00	0.00
			42	0.45	0.05	0.09	0.01	0.04	0.02
		9.5	42	0.45	0.05	0.09	0.01	0.04	0.02
			15	0.45	0.05	0.09	0.01	0.09	0.05
	10	10.1	82	-0.38	-0.04	0.14	-0.01	-0.19	0.02
			68	-0.38	-0.04	0.14	-0.01	-0.12	0.00
		10.2	68	-0.38	-0.04	0.14	-0.01	-0.12	0.00
			61	-0.38	-0.04	0.14	-0.01	-0.05	-0.02
		10.3	61	-0.45	-0.05	0.08	0.01	-0.04	0.03
			47	-0.45	-0.05	0.08	0.01	0.00	0.00
		10.4	47	-0.45	-0.05	0.08	0.01	0.00	0.00
			41	-0.45	-0.05	0.08	0.01	0.04	-0.02
		10.5	41	-0.45	-0.05	0.08	0.01	0.04	-0.02
			14	-0.45	-0.05	0.08	0.01	0.08	-0.05
	11	11.1	82	0.02	0.05	0.00	0.01	0.01	-0.03
			81	0.02	0.05	0.00	0.01	0.01	-0.01
		11.2	81	0.02	0.05	0.00	0.01	0.01	-0.01
			80	0.02	0.05	0.00	0.01	0.01	0.02
		11.3	80	0.02	0.05	0.00	0.01	0.01	0.02

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			79	0.02	0.05	0.00	0.01	0.01	0.04
		11.4	79	0.02	-0.05	0.00	-0.01	0.01	0.04
			78	0.02	-0.05	0.00	-0.01	0.01	0.02
		11.5	78	0.02	-0.05	0.00	-0.01	0.01	0.02
			77	0.02	-0.05	0.00	-0.01	0.01	-0.01
		11.6	77	0.02	-0.05	0.00	-0.01	0.01	-0.01
			76	0.02	-0.05	0.00	-0.01	0.01	-0.03
	12	12.1	56	0.01	0.06	-0.06	-0.01	0.07	-0.05
			54	0.01	0.06	-0.06	-0.01	0.04	-0.02
		12.2	54	0.01	0.06	-0.06	-0.01	0.04	-0.02
			52	0.01	0.06	-0.06	-0.01	0.01	0.01
		12.3	52	0.01	0.06	-0.06	-0.01	0.01	0.01
			50	0.01	0.06	-0.06	-0.01	-0.02	0.04
	13	13.1	55	-0.01	-0.06	-0.06	-0.01	0.07	0.05
			53	-0.01	-0.06	-0.06	-0.01	0.04	0.02
		13.2	53	-0.01	-0.06	-0.06	-0.01	0.04	0.02
			51	-0.01	-0.06	-0.06	-0.01	0.01	-0.01
		13.3	51	-0.01	-0.06	-0.06	-0.01	0.01	-0.01
			49	-0.01	-0.06	-0.06	-0.01	-0.02	-0.04
	14	14.1	61	-0.01	0.06	0.06	0.01	-0.02	-0.04
			59	-0.01	0.06	0.06	0.01	0.01	-0.01
		14.2	59	-0.01	0.06	0.06	0.01	0.01	-0.01
			57	-0.01	0.06	0.06	0.01	0.04	0.02
		14.3	57	-0.01	0.06	0.06	0.01	0.04	0.02
			55	-0.01	0.06	0.06	0.01	0.07	0.05
	15	15.1	62	0.01	-0.06	0.06	0.01	-0.02	0.04
			60	0.01	-0.06	0.06	0.01	0.01	0.01
		15.2	60	0.01	-0.06	0.06	0.01	0.01	0.01
			58	0.01	-0.06	0.06	0.01	0.04	-0.02
		15.3	58	0.01	-0.06	0.06	0.01	0.04	-0.02
			56	0.01	-0.06	0.06	0.01	0.07	-0.05
	16	16.1	75	-0.04	-0.05	0.00	0.01	0.01	0.03
			70	-0.04	-0.05	0.00	0.01	0.01	0.01
		16.2	70	-0.04	-0.05	0.00	0.01	0.01	0.01
			69	-0.04	-0.05	0.00	0.01	0.00	-0.02
		16.3	69	-0.04	-0.05	0.00	0.01	0.00	-0.02
			74	-0.04	-0.05	0.00	0.01	0.00	-0.04
		16.4	74	-0.04	0.05	0.00	-0.01	0.00	-0.04
			73	-0.04	0.05	0.00	-0.01	0.00	-0.02
		16.5	73	-0.04	0.05	0.00	-0.01	0.00	-0.02
			72	-0.04	0.05	0.00	-0.01	0.01	0.01
		16.6	72	-0.04	0.05	0.00	-0.01	0.01	0.01
			71	-0.04	0.05	0.00	-0.01	0.01	0.03
	17	17.1	36	0.02	0.00	0.12	0.00	-0.09	0.00
			35	0.02	0.00	0.12	0.00	-0.03	0.00
		17.2	35	-0.03	0.00	0.12	0.00	-0.03	0.00
			34	-0.03	0.00	0.12	0.00	0.00	0.00
		17.3	34	0.00	0.00	0.11	0.00	0.00	0.00
			33	0.00	0.00	0.11	0.00	0.08	0.00
	18	18.1	13	-0.08	0.00	0.56	0.00	-0.40	0.00
			11	-0.08	0.00	0.56	0.00	-0.14	0.00
		18.2	11	-0.03	0.00	0.56	0.00	-0.14	0.00
			26	-0.03	0.00	0.56	0.00	-0.01	0.00
	19	19.1	26	0.05	0.00	0.55	0.00	-0.01	0.00
			12	0.05	0.00	0.55	0.00	0.38	0.00
	20	20.1	19	0.03	0.00	0.12	0.00	-0.09	0.00
			18	0.03	0.00	0.12	0.00	-0.03	0.00
		20.2	18	-0.06	0.00	0.12	0.00	-0.03	0.00
			17	-0.06	0.00	0.12	0.00	0.00	0.00
		20.3	17	0.00	0.00	0.11	0.00	0.00	0.00
			16	0.00	0.00	0.11	0.00	0.08	0.00
	21	21.1	33	-0.01	-0.09	-0.67	0.08	0.00	0.00
			14	-0.01	-0.09	-0.67	0.08	-0.05	-0.01
		21.2	14	0.07	-0.01	-0.22	0.00	0.00	0.00
			30	0.07	-0.01	-0.22	0.00	-0.09	0.00
		21.3	30	0.14	0.01	-0.22	0.00	-0.09	0.00
			27	0.14	0.01	-0.22	0.00	-0.20	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		21.4	27	0.20	-0.01	-0.22	0.00	-0.20	0.00
			12	0.20	-0.01	-0.22	0.00	-0.31	0.00
		21.5	12	0.18	0.02	0.22	0.00	-0.31	-0.01
			23	0.18	0.02	0.22	0.00	-0.20	0.00
		21.6	23	0.06	-0.01	0.22	0.00	-0.20	0.00
			20	0.06	-0.01	0.22	0.00	-0.09	0.00
		21.7	20	-0.05	0.01	0.22	0.00	-0.09	0.00
			5	-0.05	0.01	0.22	0.00	0.00	0.00
		21.8	5	-0.18	0.10	0.66	-0.08	-0.05	-0.01
			16	-0.18	0.10	0.66	-0.08	0.00	0.00
	22	22.1	34	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		22.2	31	0.01	0.00	0.00	0.00	0.00	0.00
			28	0.01	0.00	0.00	0.00	0.00	0.00
		22.3	28	-0.01	0.00	0.00	0.00	0.00	0.00
			26	-0.01	0.00	0.00	0.00	-0.01	0.00
		22.4	26	-0.01	0.01	0.00	0.00	-0.01	0.00
			24	-0.01	0.01	0.00	0.00	0.00	0.00
		22.5	24	0.01	0.00	0.00	0.00	0.00	0.00
			21	0.01	0.00	0.00	0.00	0.00	0.00
		22.6	21	0.01	0.00	0.00	0.00	0.00	0.00
			17	0.01	0.00	0.00	0.00	0.00	0.00
	23	23.1	36	0.01	-0.10	0.66	0.09	0.00	0.00
			15	0.01	-0.10	0.66	0.09	0.05	-0.01
		23.2	15	-0.07	-0.01	0.21	0.00	0.00	0.00
			32	-0.07	-0.01	0.21	0.00	0.09	0.00
		23.3	32	-0.13	0.00	0.21	0.00	0.09	0.00
			29	-0.13	0.00	0.21	0.00	0.20	0.00
		23.4	29	-0.20	-0.01	0.21	0.00	0.20	0.00
			13	-0.20	-0.01	0.21	0.00	0.30	0.00
		23.5	13	-0.18	0.02	-0.21	0.00	0.30	-0.01
			25	-0.18	0.02	-0.21	0.00	0.20	0.00
		23.6	25	-0.05	-0.01	-0.21	0.00	0.20	0.00
			22	-0.05	-0.01	-0.21	0.00	0.09	0.00
		23.7	22	0.06	0.01	-0.21	0.00	0.09	0.00
			6	0.06	0.01	-0.21	0.00	0.00	0.00
		23.8	6	0.19	0.11	-0.66	-0.09	0.05	-0.01
			19	0.19	0.11	-0.66	-0.09	0.00	0.00
	24	24.1	89	0.06	-0.04	-0.01	-0.01	0.00	0.03
			90	0.06	-0.04	-0.01	-0.01	0.00	0.01
		24.2	90	0.06	-0.04	-0.01	-0.01	0.00	0.01
			91	0.06	-0.04	-0.01	-0.01	-0.01	-0.01
		24.3	91	0.06	-0.04	-0.01	-0.01	-0.01	-0.01
			92	0.06	-0.04	-0.01	-0.01	-0.01	-0.03
	25	25.1	92	0.06	0.04	0.01	0.01	-0.01	-0.03
			93	0.06	0.04	0.01	0.01	-0.01	-0.01
		25.2	93	0.06	0.04	0.01	0.01	-0.01	-0.01
			94	0.06	0.04	0.01	0.01	0.00	0.01
		25.3	94	0.06	0.04	0.01	0.01	0.00	0.01
			95	0.06	0.04	0.01	0.01	0.00	0.03
	27	27.1	76	-0.36	-0.06	0.01	0.01	0.20	0.01
			85	-0.36	-0.06	-0.01	0.01	0.20	-0.01
	28	28.1	85	-0.35	-0.06	-0.11	0.01	0.20	-0.01
			96	-0.35	-0.06	-0.13	0.01	0.18	-0.02
	29	29.1	96	-0.27	0.00	-0.20	0.01	0.19	0.00
			107	-0.27	0.00	-0.22	0.01	0.15	0.00
	30	30.1	107	-0.21	0.00	-0.28	0.01	0.15	0.00
			113	-0.21	0.00	-0.30	0.01	0.09	0.00
	31	31.1	113	-0.12	0.00	-0.35	0.01	0.09	-0.01
			115	-0.12	0.00	-0.37	0.01	0.03	-0.01
	32	32.1	115	0.00	-0.01	-0.39	0.00	0.03	0.01
			114	0.00	-0.01	-0.41	0.00	-0.04	0.01
	33	33.1	114	0.11	-0.01	-0.39	0.01	-0.04	0.00
			108	0.11	-0.01	-0.41	0.01	-0.12	0.00
	34	34.1	108	0.21	-0.01	-0.37	0.01	-0.12	0.00
			89	0.21	-0.01	-0.33	0.01	-0.18	0.00
	35	35.1	89	0.33	-0.08	-0.27	0.01	-0.18	0.02

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			83	0.33	-0.08	-0.19	0.01	-0.22	0.01
	36	36.1	83	0.37	-0.08	-0.09	0.01	-0.22	0.01
			71	0.37	-0.08	0.01	0.01	-0.23	-0.01
	37	37.1	88	0.16	0.00	-0.06	0.00	-0.23	0.00
			74	0.16	0.00	0.15	0.00	-0.22	0.00
	38	38.1	86	-0.18	0.00	0.01	0.00	0.20	0.00
			99	-0.18	0.00	-0.03	0.00	0.20	0.00
	39	39.1	105	-0.18	0.00	-0.20	0.00	0.15	0.00
			110	-0.18	0.00	-0.25	0.00	0.11	0.00
	40	40.1	106	0.14	0.00	-0.40	0.00	-0.11	0.00
			92	0.14	0.00	-0.33	0.00	-0.18	0.00
	41	41.1	79	-0.17	0.00	0.10	0.00	0.18	0.00
			86	-0.17	0.00	0.06	0.00	0.20	0.00
	42	42.1	110	-0.11	0.00	-0.29	0.00	0.11	0.00
			118	-0.11	0.00	-0.33	0.00	0.05	0.00
	43	43.1	99	-0.23	0.00	-0.11	0.00	0.18	0.00
			105	-0.23	0.00	-0.15	0.00	0.15	0.00
	44	44.1	92	0.14	0.00	-0.27	0.00	-0.20	0.00
			88	0.14	0.00	-0.10	0.00	-0.23	0.00
	45	45.1	118	-0.07	0.00	-0.34	0.00	0.03	0.00
			111	-0.07	0.00	-0.39	0.00	-0.04	0.00
	46	46.1	111	0.03	0.00	-0.39	0.00	-0.04	0.00
			106	0.03	0.00	-0.42	0.00	-0.11	0.00
	47	47.1	87	0.37	0.08	-0.09	-0.01	-0.22	-0.01
			75	0.37	0.08	0.01	-0.01	-0.23	0.01
	48	48.1	84	-0.35	0.06	-0.11	-0.01	0.20	0.01
			102	-0.35	0.06	-0.13	-0.01	0.18	0.02
	49	49.1	104	-0.21	0.00	-0.28	-0.01	0.15	0.00
			112	-0.21	0.00	-0.30	-0.01	0.09	0.00
	50	50.1	103	0.21	0.01	-0.37	-0.01	-0.12	0.00
			95	0.21	0.01	-0.33	-0.01	-0.18	0.00
	51	51.1	82	-0.36	0.06	0.01	-0.01	0.20	-0.01
			84	-0.36	0.06	-0.01	-0.01	0.20	0.01
	52	52.1	112	-0.12	0.00	-0.35	-0.01	0.09	0.01
			121	-0.12	0.00	-0.37	-0.01	0.03	0.01
	53	53.1	102	-0.27	0.00	-0.20	-0.01	0.19	0.00
			104	-0.27	0.00	-0.22	-0.01	0.15	0.00
	54	54.1	95	0.33	0.08	-0.27	-0.01	-0.18	-0.02
			87	0.33	0.08	-0.19	-0.01	-0.22	-0.01
	55	55.1	121	0.00	0.01	-0.39	0.00	0.03	-0.01
			109	0.00	0.01	-0.41	0.00	-0.04	-0.01
	56	56.1	109	0.11	0.01	-0.39	-0.01	-0.04	0.00
			103	0.11	0.01	-0.41	-0.01	-0.12	0.00
Min (elemento, nodo)				**-0.45 (5, 49)**	**-0.10 (23, 36)**	**-0.67 (21, 33)**	**-0.09 (23, 6)**	**-0.40 (18, 13)**	**-0.05 (6, 6)**
Max (elemento, nodo)				**0.45 (6, 50)**	**0.11 (23, 6)**	**0.66 (21, 5)**	**0.09 (23, 36)**	**0.40 (7, 13)**	**0.05 (5, 5)**
5 (CQC)	1	1.1	121	0.00	0.00	0.07	0.02	0.03	0.00
			120	0.00	0.00	0.07	0.02	0.00	0.00
		1.2	120	0.00	0.00	0.04	0.02	0.00	0.00
			119	0.00	0.00	0.04	0.02	0.01	0.00
		1.3	119	0.00	0.00	0.01	0.02	0.01	0.00
			118	0.00	0.00	0.01	0.02	0.02	0.00
	2	2.1	99	0.15	0.06	0.04	0.02	0.04	0.04
			100	0.15	0.06	0.04	0.02	0.02	0.02
		2.2	100	0.15	0.04	0.07	0.02	0.02	0.02
			101	0.15	0.04	0.07	0.02	0.01	0.00
		2.3	101	0.15	0.02	0.09	0.02	0.01	0.00
			102	0.15	0.02	0.09	0.02	0.05	0.01
	3	3.1	96	0.15	0.02	0.09	0.02	0.05	0.01
			97	0.15	0.02	0.09	0.02	0.01	0.00
		3.2	97	0.15	0.04	0.07	0.02	0.01	0.00
			98	0.15	0.04	0.07	0.02	0.02	0.02
		3.3	98	0.15	0.06	0.04	0.02	0.02	0.02
			99	0.15	0.06	0.04	0.02	0.04	0.04
	4	4.1	118	0.00	0.00	0.01	0.02	0.02	0.00
			117	0.00	0.00	0.01	0.02	0.01	0.00
		4.2	117	0.00	0.00	0.04	0.02	0.01	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			116	0.00	0.00	0.04	0.02	0.00	0.00
		4.3	116	0.00	0.00	0.07	0.02	0.00	0.00
			115	0.00	0.00	0.07	0.02	0.03	0.00
	5	5.1	76	0.83	0.09	0.22	0.02	0.35	0.05
			66	0.83	0.09	0.22	0.02	0.24	0.01
		5.2	66	0.83	0.09	0.24	0.02	0.24	0.01
			49	0.83	0.09	0.24	0.02	0.13	0.04
		5.3	49	0.97	0.11	0.17	0.02	0.11	0.06
			43	0.97	0.11	0.17	0.02	0.02	0.00
		5.4	43	0.97	0.11	0.18	0.02	0.02	0.00
			37	0.97	0.11	0.18	0.02	0.07	0.05
		5.5	37	0.97	0.11	0.19	0.02	0.07	0.05
			5	0.97	0.11	0.19	0.02	0.16	0.11
	6	6.1	71	0.83	0.09	0.22	0.02	0.35	0.05
			63	0.83	0.09	0.22	0.02	0.24	0.01
		6.2	63	0.83	0.09	0.24	0.02	0.24	0.01
			50	0.83	0.09	0.24	0.02	0.13	0.04
		6.3	50	0.97	0.11	0.17	0.02	0.11	0.06
			44	0.97	0.11	0.17	0.02	0.02	0.00
		6.4	44	0.97	0.11	0.18	0.02	0.02	0.00
			38	0.97	0.11	0.18	0.02	0.07	0.05
		6.5	38	0.97	0.11	0.19	0.02	0.07	0.05
			6	0.97	0.11	0.19	0.02	0.16	0.11
	7	7.1	74	0.14	0.00	0.25	0.00	0.38	0.00
			64	0.14	0.00	0.25	0.00	0.26	0.00
		7.2	64	0.14	0.00	0.27	0.00	0.26	0.00
			56	0.14	0.00	0.27	0.00	0.13	0.00
		7.3	56	0.13	0.00	0.59	0.00	0.18	0.00
			46	0.13	0.00	0.59	0.00	0.12	0.00
		7.4	46	0.13	0.00	0.60	0.00	0.12	0.00
			40	0.13	0.00	0.60	0.00	0.42	0.00
		7.5	40	0.13	0.00	0.60	0.00	0.42	0.00
			13	0.13	0.00	0.60	0.00	0.71	0.00
	8	8.1	79	0.14	0.00	0.25	0.00	0.38	0.00
			67	0.14	0.00	0.25	0.00	0.26	0.00
		8.2	67	0.14	0.00	0.27	0.00	0.26	0.00
			55	0.14	0.00	0.27	0.00	0.13	0.00
		8.3	55	0.13	0.00	0.59	0.00	0.18	0.00
			45	0.13	0.00	0.59	0.00	0.12	0.00
		8.4	45	0.13	0.00	0.60	0.00	0.12	0.00
			39	0.13	0.00	0.60	0.00	0.42	0.00
		8.5	39	0.13	0.00	0.60	0.00	0.42	0.00
			12	0.13	0.00	0.60	0.00	0.71	0.00
	9	9.1	75	0.83	0.09	0.22	0.02	0.35	0.05
			65	0.83	0.09	0.22	0.02	0.24	0.01
		9.2	65	0.83	0.09	0.24	0.02	0.24	0.01
			62	0.83	0.09	0.24	0.02	0.13	0.04
		9.3	62	0.97	0.11	0.17	0.02	0.11	0.06
			48	0.97	0.11	0.17	0.02	0.02	0.00
		9.4	48	0.97	0.11	0.18	0.02	0.02	0.00
			42	0.97	0.11	0.18	0.02	0.07	0.05
		9.5	42	0.97	0.11	0.19	0.02	0.07	0.05
			15	0.97	0.11	0.19	0.02	0.16	0.11
	10	10.1	82	0.83	0.09	0.22	0.02	0.35	0.05
			68	0.83	0.09	0.22	0.02	0.24	0.01
		10.2	68	0.83	0.09	0.24	0.02	0.24	0.01
			61	0.83	0.09	0.24	0.02	0.13	0.04
		10.3	61	0.97	0.11	0.17	0.02	0.11	0.06
			47	0.97	0.11	0.17	0.02	0.02	0.00
		10.4	47	0.97	0.11	0.18	0.02	0.02	0.00
			41	0.97	0.11	0.18	0.02	0.07	0.05
		10.5	41	0.97	0.11	0.19	0.02	0.07	0.05
			14	0.97	0.11	0.19	0.02	0.16	0.11
	11	11.1	82	0.08	0.11	0.02	0.02	0.01	0.07
			81	0.08	0.11	0.02	0.02	0.01	0.02
		11.2	81	0.08	0.11	0.01	0.02	0.01	0.02
			80	0.08	0.11	0.01	0.02	0.01	0.03

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		11.3	80	0.08	0.11	0.04	0.02	0.01	0.03
			79	0.08	0.11	0.04	0.02	0.03	0.09
		11.4	79	0.08	0.11	0.04	0.02	0.03	0.09
			78	0.08	0.11	0.04	0.02	0.01	0.03
		11.5	78	0.08	0.11	0.01	0.02	0.01	0.03
			77	0.08	0.11	0.01	0.02	0.01	0.02
		11.6	77	0.08	0.11	0.02	0.02	0.01	0.02
			76	0.08	0.11	0.02	0.02	0.01	0.07
	12	12.1	56	0.02	0.14	0.14	0.02	0.13	0.10
			54	0.02	0.14	0.14	0.02	0.06	0.03
		12.2	54	0.02	0.14	0.12	0.02	0.06	0.03
			52	0.02	0.14	0.12	0.02	0.01	0.03
		12.3	52	0.02	0.14	0.10	0.02	0.01	0.03
			50	0.02	0.14	0.10	0.02	0.04	0.09
	13	13.1	55	0.02	0.14	0.14	0.02	0.13	0.10
			53	0.02	0.14	0.14	0.02	0.06	0.03
		13.2	53	0.02	0.14	0.12	0.02	0.06	0.03
			51	0.02	0.14	0.12	0.02	0.01	0.03
		13.3	51	0.02	0.14	0.10	0.02	0.01	0.03
			49	0.02	0.14	0.10	0.02	0.04	0.09
	14	14.1	61	0.02	0.14	0.10	0.02	0.04	0.09
			59	0.02	0.14	0.10	0.02	0.01	0.03
		14.2	59	0.02	0.14	0.12	0.02	0.01	0.03
			57	0.02	0.14	0.12	0.02	0.06	0.03
		14.3	57	0.02	0.14	0.14	0.02	0.06	0.03
			55	0.02	0.14	0.14	0.02	0.13	0.10
	15	15.1	62	0.02	0.14	0.10	0.02	0.04	0.09
			60	0.02	0.14	0.10	0.02	0.01	0.03
		15.2	60	0.02	0.14	0.12	0.02	0.01	0.03
			58	0.02	0.14	0.12	0.02	0.06	0.03
		15.3	58	0.02	0.14	0.14	0.02	0.06	0.03
			56	0.02	0.14	0.14	0.02	0.13	0.10
	16	16.1	75	0.08	0.11	0.02	0.02	0.01	0.07
			70	0.08	0.11	0.02	0.02	0.01	0.02
		16.2	70	0.08	0.11	0.01	0.02	0.01	0.02
			69	0.08	0.11	0.01	0.02	0.01	0.03
		16.3	69	0.08	0.11	0.04	0.02	0.01	0.03
			74	0.08	0.11	0.04	0.02	0.03	0.09
		16.4	74	0.08	0.11	0.04	0.02	0.03	0.09
			73	0.08	0.11	0.04	0.02	0.01	0.03
		16.5	73	0.08	0.11	0.01	0.02	0.01	0.03
			72	0.08	0.11	0.01	0.02	0.01	0.02
		16.6	72	0.08	0.11	0.02	0.02	0.01	0.02
			71	0.08	0.11	0.02	0.02	0.01	0.07
	17	17.1	36	0.04	0.01	0.23	0.00	0.16	0.00
			35	0.04	0.01	0.23	0.00	0.05	0.00
		17.2	35	0.08	0.01	0.23	0.00	0.05	0.00
			34	0.08	0.01	0.23	0.00	0.00	0.00
		17.3	34	0.00	0.01	0.23	0.00	0.00	0.00
			33	0.00	0.01	0.23	0.00	0.16	0.00
	18	18.1	13	0.14	0.00	1.04	0.00	0.73	0.00
			11	0.14	0.00	1.04	0.00	0.24	0.00
		18.2	11	0.05	0.01	1.03	0.00	0.24	0.00
			26	0.05	0.01	1.03	0.00	0.00	0.00
	19	19.1	26	0.12	0.01	1.04	0.00	0.00	0.00
			12	0.12	0.01	1.04	0.00	0.73	0.00
	20	20.1	19	0.07	0.01	0.23	0.00	0.16	0.01
			18	0.07	0.01	0.23	0.00	0.05	0.00
		20.2	18	0.13	0.01	0.23	0.00	0.05	0.00
			17	0.13	0.01	0.23	0.00	0.00	0.00
		20.3	17	0.00	0.01	0.23	0.00	0.00	0.00
			16	0.00	0.01	0.23	0.00	0.16	0.00
	21	21.1	33	0.01	0.20	1.43	0.16	0.00	0.00
			14	0.01	0.20	1.43	0.16	0.11	0.02
		21.2	14	0.16	0.01	0.46	0.01	0.01	0.00
			30	0.16	0.01	0.46	0.01	0.20	0.00
		21.3	30	0.30	0.01	0.46	0.01	0.20	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			27	0.30	0.01	0.46	0.01	0.43	0.00
		21.4	27	0.43	0.03	0.46	0.01	0.43	0.00
			12	0.43	0.03	0.46	0.01	0.66	0.01
		21.5	12	0.38	0.03	0.46	0.01	0.66	0.01
			23	0.38	0.03	0.46	0.01	0.43	0.00
		21.6	23	0.13	0.01	0.46	0.01	0.43	0.00
			20	0.13	0.01	0.46	0.01	0.20	0.00
		21.7	20	0.12	0.02	0.46	0.01	0.20	0.00
			5	0.12	0.02	0.46	0.01	0.01	0.01
		21.8	5	0.38	0.22	1.42	0.16	0.11	0.02
			16	0.38	0.22	1.42	0.16	0.00	0.00
	22	22.1	34	0.00	0.01	0.00	0.00	0.00	0.00
			31	0.00	0.01	0.00	0.00	0.00	0.00
		22.2	31	0.01	0.00	0.00	0.00	0.00	0.00
			28	0.01	0.00	0.00	0.00	0.00	0.00
		22.3	28	0.02	0.00	0.00	0.00	0.00	0.00
			26	0.02	0.00	0.00	0.00	0.00	0.00
		22.4	26	0.02	0.02	0.00	0.00	0.00	0.01
			24	0.02	0.02	0.00	0.00	0.00	0.00
		22.5	24	0.01	0.00	0.00	0.00	0.00	0.00
			21	0.01	0.00	0.00	0.00	0.00	0.00
		22.6	21	0.01	0.02	0.00	0.00	0.00	0.00
			17	0.01	0.02	0.00	0.00	0.00	0.01
	23	23.1	36	0.02	0.20	1.43	0.16	0.00	0.00
			15	0.02	0.20	1.43	0.16	0.11	0.02
		23.2	15	0.16	0.01	0.46	0.01	0.01	0.00
			32	0.16	0.01	0.46	0.01	0.20	0.00
		23.3	32	0.30	0.01	0.46	0.01	0.20	0.00
			29	0.30	0.01	0.46	0.01	0.43	0.00
		23.4	29	0.44	0.02	0.46	0.01	0.43	0.00
			13	0.44	0.02	0.46	0.01	0.66	0.01
		23.5	13	0.38	0.03	0.46	0.01	0.66	0.01
			25	0.38	0.03	0.46	0.01	0.43	0.00
		23.6	25	0.12	0.01	0.46	0.01	0.43	0.00
			22	0.12	0.01	0.46	0.01	0.20	0.00
		23.7	22	0.12	0.02	0.46	0.01	0.20	0.00
			6	0.12	0.02	0.46	0.01	0.01	0.01
		23.8	6	0.39	0.23	1.43	0.16	0.11	0.02
			19	0.39	0.23	1.43	0.16	0.00	0.01
	24	24.1	89	0.15	0.09	0.01	0.02	0.01	0.05
			90	0.15	0.09	0.01	0.02	0.00	0.01
		24.2	90	0.15	0.07	0.04	0.02	0.00	0.01
			91	0.15	0.07	0.04	0.02	0.01	0.02
		24.3	91	0.15	0.05	0.06	0.02	0.01	0.02
			92	0.15	0.05	0.06	0.02	0.04	0.04
	25	25.1	92	0.15	0.05	0.06	0.02	0.04	0.04
			93	0.15	0.05	0.06	0.02	0.01	0.02
		25.2	93	0.15	0.07	0.04	0.02	0.01	0.02
			94	0.15	0.07	0.04	0.02	0.00	0.01
		25.3	94	0.15	0.09	0.01	0.02	0.00	0.01
			95	0.15	0.09	0.01	0.02	0.01	0.05
	27	27.1	76	0.72	0.17	0.13	0.01	0.37	0.02
			85	0.72	0.17	0.13	0.01	0.35	0.01
	28	28.1	85	0.66	0.17	0.32	0.01	0.35	0.02
			96	0.66	0.17	0.32	0.01	0.29	0.05
	29	29.1	96	0.45	0.02	0.47	0.02	0.30	0.00
			107	0.45	0.02	0.47	0.02	0.22	0.00
	30	30.1	107	0.30	0.02	0.57	0.01	0.22	0.01
			113	0.30	0.02	0.57	0.01	0.11	0.01
	31	31.1	113	0.13	0.02	0.63	0.01	0.11	0.01
			115	0.13	0.02	0.63	0.01	0.01	0.02
	32	32.1	115	0.13	0.02	0.63	0.01	0.01	0.02
			114	0.13	0.02	0.63	0.01	0.11	0.01
	33	33.1	114	0.30	0.02	0.57	0.01	0.11	0.01
			108	0.30	0.02	0.57	0.01	0.22	0.01
	34	34.1	108	0.45	0.02	0.47	0.02	0.22	0.00
			89	0.45	0.02	0.47	0.02	0.31	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	35	35.1	89	0.66	0.17	0.32	0.01	0.29	0.05
			83	0.66	0.17	0.32	0.01	0.35	0.02
	36	36.1	83	0.72	0.17	0.12	0.01	0.35	0.01
			71	0.72	0.17	0.12	0.01	0.37	0.02
	37	37.1	88	0.38	0.00	0.03	0.00	0.34	0.00
			74	0.38	0.00	0.03	0.00	0.34	0.00
	38	38.1	86	0.35	0.00	0.14	0.00	0.34	0.00
			99	0.35	0.00	0.14	0.00	0.31	0.00
	39	39.1	105	0.22	0.00	0.46	0.00	0.20	0.00
			110	0.22	0.00	0.46	0.00	0.11	0.00
	40	40.1	106	0.34	0.00	0.38	0.00	0.20	0.00
			92	0.34	0.00	0.38	0.00	0.27	0.00
	41	41.1	79	0.38	0.00	0.03	0.00	0.34	0.00
			86	0.38	0.00	0.03	0.00	0.34	0.00
	42	42.1	110	0.08	0.00	0.50	0.00	0.11	0.00
			118	0.08	0.00	0.50	0.00	0.02	0.00
	43	43.1	99	0.34	0.00	0.38	0.00	0.27	0.00
			105	0.34	0.00	0.38	0.00	0.20	0.00
	44	44.1	92	0.35	0.00	0.13	0.00	0.31	0.00
			88	0.35	0.00	0.13	0.00	0.34	0.00
	45	45.1	118	0.08	0.00	0.50	0.00	0.02	0.00
			111	0.08	0.00	0.50	0.00	0.11	0.00
	46	46.1	111	0.22	0.00	0.46	0.00	0.11	0.00
			106	0.22	0.00	0.46	0.00	0.20	0.00
	47	47.1	87	0.72	0.17	0.12	0.01	0.35	0.01
			75	0.72	0.17	0.12	0.01	0.37	0.02
	48	48.1	84	0.66	0.17	0.32	0.01	0.34	0.02
			102	0.66	0.17	0.32	0.01	0.29	0.05
	49	49.1	104	0.30	0.02	0.57	0.01	0.22	0.01
			112	0.30	0.02	0.57	0.01	0.11	0.01
	50	50.1	103	0.45	0.02	0.47	0.02	0.22	0.00
			95	0.45	0.02	0.47	0.02	0.31	0.00
	51	51.1	82	0.72	0.17	0.13	0.02	0.37	0.02
			84	0.72	0.17	0.13	0.02	0.34	0.01
	52	52.1	112	0.13	0.02	0.63	0.01	0.11	0.01
			121	0.13	0.02	0.63	0.01	0.01	0.02
	53	53.1	102	0.45	0.02	0.47	0.02	0.30	0.00
			104	0.45	0.02	0.47	0.02	0.22	0.00
	54	54.1	95	0.66	0.17	0.32	0.01	0.29	0.05
			87	0.66	0.17	0.32	0.01	0.35	0.02
	55	55.1	121	0.13	0.02	0.63	0.01	0.01	0.02
			109	0.13	0.02	0.63	0.01	0.11	0.01
	56	56.1	109	0.30	0.02	0.57	0.01	0.11	0.01
			103	0.30	0.02	0.57	0.01	0.22	0.01
Min (elemento, nodo)				**0.00 (1, 121)**	**0.00 (1, 121)**	**0.00 (22, 34)**	**0.00 (7, 74)**	**0.00 (1, 120)**	**0.00 (1, 121)**
Max (elemento, nodo)				**0.97 (5, 49)**	**0.23 (23, 6)**	**1.43 (21, 33)**	**0.16 (21, 33)**	**0.73 (18, 13)**	**0.11 (5, 5)**
6 (CQC)	1	1.1	121	0.02	0.01	0.00	0.00	0.00	0.01
			120	0.02	0.01	0.00	0.00	0.00	0.01
		1.2	120	0.00	0.01	0.00	0.00	0.00	0.01
			119	0.00	0.01	0.00	0.00	0.00	0.00
		1.3	119	0.02	0.01	0.00	0.00	0.00	0.00
			118	0.02	0.01	0.00	0.00	0.00	0.01
	2	2.1	99	0.05	0.02	0.04	0.00	0.03	0.01
			100	0.05	0.02	0.04	0.00	0.01	0.00
		2.2	100	0.02	0.02	0.04	0.00	0.01	0.00
			101	0.02	0.02	0.04	0.00	0.01	0.01
		2.3	101	0.01	0.02	0.04	0.00	0.01	0.01
			102	0.01	0.02	0.04	0.00	0.03	0.02
	3	3.1	96	0.01	0.02	0.04	0.00	0.03	0.02
			97	0.01	0.02	0.04	0.00	0.01	0.01
		3.2	97	0.02	0.02	0.04	0.00	0.01	0.01
			98	0.02	0.02	0.04	0.00	0.01	0.00
		3.3	98	0.05	0.02	0.04	0.00	0.01	0.00
			99	0.05	0.02	0.04	0.00	0.03	0.01
	4	4.1	118	0.02	0.01	0.00	0.00	0.00	0.01
			117	0.02	0.01	0.00	0.00	0.00	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		4.2	117	0.00	0.01	0.00	0.00	0.00	0.00
			116	0.00	0.01	0.00	0.00	0.00	0.01
		4.3	116	0.02	0.01	0.00	0.00	0.00	0.01
			115	0.02	0.01	0.00	0.00	0.00	0.01
	5	5.1	76	0.15	0.12	0.00	0.00	0.01	0.09
			66	0.15	0.12	0.00	0.00	0.00	0.03
		5.2	66	0.15	0.14	0.00	0.00	0.00	0.03
			49	0.15	0.14	0.00	0.00	0.00	0.04
		5.3	49	0.37	0.21	0.00	0.00	0.00	0.13
			43	0.37	0.21	0.00	0.00	0.00	0.02
		5.4	43	0.37	0.22	0.00	0.00	0.00	0.02
			37	0.37	0.22	0.00	0.00	0.00	0.08
		5.5	37	0.37	0.22	0.00	0.00	0.00	0.08
			5	0.37	0.22	0.00	0.00	0.00	0.19
	6	6.1	71	0.15	0.12	0.00	0.00	0.01	0.09
			63	0.15	0.12	0.00	0.00	0.00	0.03
		6.2	63	0.15	0.14	0.00	0.00	0.00	0.03
			50	0.15	0.14	0.00	0.00	0.00	0.04
		6.3	50	0.37	0.21	0.00	0.00	0.00	0.13
			44	0.37	0.21	0.00	0.00	0.00	0.02
		6.4	44	0.37	0.22	0.00	0.00	0.00	0.02
			38	0.37	0.22	0.00	0.00	0.00	0.08
		6.5	38	0.37	0.22	0.00	0.00	0.00	0.08
			6	0.37	0.22	0.00	0.00	0.00	0.19
	7	7.1	74	0.00	0.25	0.00	0.00	0.00	0.13
			64	0.00	0.25	0.00	0.00	0.00	0.01
		7.2	64	0.00	0.26	0.00	0.00	0.00	0.01
			56	0.00	0.26	0.00	0.00	0.00	0.11
		7.3	56	0.00	0.26	0.00	0.00	0.00	0.18
			46	0.00	0.26	0.00	0.00	0.00	0.05
		7.4	46	0.00	0.27	0.00	0.00	0.00	0.05
			40	0.00	0.27	0.00	0.00	0.00	0.09
		7.5	40	0.00	0.27	0.00	0.00	0.00	0.09
			13	0.00	0.27	0.00	0.00	0.00	0.22
	8	8.1	79	0.00	0.25	0.00	0.00	0.00	0.13
			67	0.00	0.25	0.00	0.00	0.00	0.01
		8.2	67	0.00	0.26	0.00	0.00	0.00	0.01
			55	0.00	0.26	0.00	0.00	0.00	0.11
		8.3	55	0.00	0.26	0.00	0.00	0.00	0.18
			45	0.00	0.26	0.00	0.00	0.00	0.05
		8.4	45	0.00	0.27	0.00	0.00	0.00	0.05
			39	0.00	0.27	0.00	0.00	0.00	0.09
		8.5	39	0.00	0.27	0.00	0.00	0.00	0.09
			12	0.00	0.27	0.00	0.00	0.00	0.22
	9	9.1	75	0.15	0.12	0.00	0.00	0.01	0.09
			65	0.15	0.12	0.00	0.00	0.00	0.03
		9.2	65	0.15	0.14	0.00	0.00	0.00	0.03
			62	0.15	0.14	0.00	0.00	0.00	0.04
		9.3	62	0.37	0.21	0.00	0.00	0.00	0.13
			48	0.37	0.21	0.00	0.00	0.00	0.02
		9.4	48	0.37	0.22	0.00	0.00	0.00	0.02
			42	0.37	0.22	0.00	0.00	0.00	0.08
		9.5	42	0.37	0.22	0.00	0.00	0.00	0.08
			15	0.37	0.22	0.00	0.00	0.00	0.19
	10	10.1	82	0.15	0.12	0.00	0.00	0.01	0.09
			68	0.15	0.12	0.00	0.00	0.00	0.03
		10.2	68	0.15	0.14	0.00	0.00	0.00	0.03
			61	0.15	0.14	0.00	0.00	0.00	0.04
		10.3	61	0.37	0.21	0.00	0.00	0.00	0.13
			47	0.37	0.21	0.00	0.00	0.00	0.02
		10.4	47	0.37	0.22	0.00	0.00	0.00	0.02
			41	0.37	0.22	0.00	0.00	0.00	0.08
		10.5	41	0.37	0.22	0.00	0.00	0.00	0.08
			14	0.37	0.22	0.00	0.00	0.00	0.19
	11	11.1	82	0.03	0.10	0.01	0.00	0.00	0.08
			81	0.03	0.10	0.01	0.00	0.00	0.03
		11.2	81	0.01	0.10	0.01	0.00	0.00	0.03

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			80	0.01	0.10	0.01	0.00	0.00	0.02
		11.3	80	0.01	0.10	0.01	0.00	0.00	0.02
			79	0.01	0.10	0.01	0.00	0.01	0.07
		11.4	79	0.01	0.10	0.01	0.00	0.01	0.07
			78	0.01	0.10	0.01	0.00	0.00	0.02
		11.5	78	0.01	0.10	0.01	0.00	0.00	0.02
			77	0.01	0.10	0.01	0.00	0.00	0.03
		11.6	77	0.03	0.10	0.01	0.00	0.00	0.03
			76	0.03	0.10	0.01	0.00	0.00	0.08
	12	12.1	56	0.02	0.22	0.00	0.00	0.00	0.14
			54	0.02	0.22	0.00	0.00	0.00	0.04
		12.2	54	0.03	0.22	0.00	0.00	0.00	0.04
			52	0.03	0.22	0.00	0.00	0.00	0.06
		12.3	52	0.05	0.22	0.00	0.00	0.00	0.06
			50	0.05	0.22	0.00	0.00	0.00	0.17
	13	13.1	55	0.02	0.22	0.00	0.00	0.00	0.14
			53	0.02	0.22	0.00	0.00	0.00	0.04
		13.2	53	0.03	0.22	0.00	0.00	0.00	0.04
			51	0.03	0.22	0.00	0.00	0.00	0.06
		13.3	51	0.05	0.22	0.00	0.00	0.00	0.06
			49	0.05	0.22	0.00	0.00	0.00	0.17
	14	14.1	61	0.05	0.22	0.00	0.00	0.00	0.17
			59	0.05	0.22	0.00	0.00	0.00	0.06
		14.2	59	0.03	0.22	0.00	0.00	0.00	0.06
			57	0.03	0.22	0.00	0.00	0.00	0.04
		14.3	57	0.02	0.22	0.00	0.00	0.00	0.04
			55	0.02	0.22	0.00	0.00	0.00	0.14
	15	15.1	62	0.05	0.22	0.00	0.00	0.00	0.17
			60	0.05	0.22	0.00	0.00	0.00	0.06
		15.2	60	0.03	0.22	0.00	0.00	0.00	0.06
			58	0.03	0.22	0.00	0.00	0.00	0.04
		15.3	58	0.02	0.22	0.00	0.00	0.00	0.04
			56	0.02	0.22	0.00	0.00	0.00	0.14
	16	16.1	75	0.03	0.10	0.01	0.00	0.00	0.08
			70	0.03	0.10	0.01	0.00	0.00	0.03
		16.2	70	0.01	0.10	0.01	0.00	0.00	0.03
			69	0.01	0.10	0.01	0.00	0.00	0.02
		16.3	69	0.01	0.10	0.01	0.00	0.00	0.02
			74	0.01	0.10	0.01	0.00	0.01	0.07
		16.4	74	0.01	0.10	0.01	0.00	0.01	0.07
			73	0.01	0.10	0.01	0.00	0.00	0.02
		16.5	73	0.01	0.10	0.01	0.00	0.00	0.02
			72	0.01	0.10	0.01	0.00	0.00	0.03
		16.6	72	0.03	0.10	0.01	0.00	0.00	0.03
			71	0.03	0.10	0.01	0.00	0.00	0.08
	17	17.1	36	0.01	0.01	0.00	0.00	0.00	0.00
			35	0.01	0.01	0.00	0.00	0.00	0.00
		17.2	35	0.03	0.01	0.00	0.00	0.00	0.00
			34	0.03	0.01	0.00	0.00	0.00	0.00
		17.3	34	0.00	0.01	0.00	0.00	0.00	0.00
			33	0.00	0.01	0.00	0.00	0.00	0.00
	18	18.1	13	0.02	0.01	0.00	0.00	0.00	0.00
			11	0.02	0.01	0.00	0.00	0.00	0.00
		18.2	11	0.03	0.00	0.00	0.00	0.00	0.00
			26	0.03	0.00	0.00	0.00	0.00	0.00
	19	19.1	26	0.02	0.01	0.00	0.00	0.00	0.00
			12	0.02	0.01	0.00	0.00	0.00	0.00
	20	20.1	19	0.00	0.02	0.00	0.00	0.00	0.00
			18	0.00	0.02	0.00	0.00	0.00	0.00
		20.2	18	0.01	0.03	0.00	0.00	0.00	0.00
			17	0.01	0.03	0.00	0.00	0.00	0.00
		20.3	17	0.00	0.00	0.00	0.00	0.00	0.00
			16	0.00	0.00	0.00	0.00	0.00	0.00
	21	21.1	33	0.04	0.01	0.55	0.00	0.00	0.00
			14	0.04	0.01	0.55	0.00	0.04	0.00
		21.2	14	0.13	0.00	0.18	0.00	0.15	0.00
			30	0.13	0.00	0.18	0.00	0.07	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		21.3	30	0.11	0.00	0.18	0.00	0.07	0.00
			27	0.11	0.00	0.18	0.00	0.02	0.00
		21.4	27	0.13	0.00	0.18	0.00	0.02	0.00
			12	0.13	0.00	0.18	0.00	0.11	0.00
		21.5	12	0.27	0.00	0.18	0.00	0.11	0.00
			23	0.27	0.00	0.18	0.00	0.02	0.00
		21.6	23	0.28	0.00	0.18	0.00	0.02	0.00
			20	0.28	0.00	0.18	0.00	0.07	0.00
		21.7	20	0.28	0.00	0.18	0.00	0.07	0.00
			5	0.28	0.00	0.18	0.00	0.15	0.00
		21.8	5	0.46	0.02	0.55	0.00	0.04	0.00
			16	0.46	0.02	0.55	0.00	0.00	0.00
	22	22.1	34	0.03	0.00	0.00	0.00	0.00	0.00
			31	0.03	0.00	0.00	0.00	0.00	0.00
		22.2	31	0.09	0.00	0.00	0.00	0.00	0.00
			28	0.09	0.00	0.00	0.00	0.00	0.00
		22.3	28	0.15	0.00	0.00	0.00	0.00	0.00
			26	0.15	0.00	0.00	0.00	0.00	0.00
		22.4	26	0.20	0.00	0.00	0.00	0.00	0.00
			24	0.20	0.00	0.00	0.00	0.00	0.00
		22.5	24	0.24	0.00	0.00	0.00	0.00	0.00
			21	0.24	0.00	0.00	0.00	0.00	0.00
		22.6	21	0.27	0.01	0.00	0.00	0.00	0.00
			17	0.27	0.01	0.00	0.00	0.00	0.00
	23	23.1	36	0.03	0.00	0.55	0.00	0.00	0.00
			15	0.03	0.00	0.55	0.00	0.04	0.00
		23.2	15	0.13	0.00	0.18	0.00	0.15	0.00
			32	0.13	0.00	0.18	0.00	0.07	0.00
		23.3	32	0.12	0.00	0.18	0.00	0.07	0.00
			29	0.12	0.00	0.18	0.00	0.02	0.00
		23.4	29	0.13	0.00	0.18	0.00	0.02	0.00
			13	0.13	0.00	0.18	0.00	0.11	0.00
		23.5	13	0.28	0.00	0.18	0.00	0.11	0.00
			25	0.28	0.00	0.18	0.00	0.02	0.00
		23.6	25	0.28	0.00	0.18	0.00	0.02	0.00
			22	0.28	0.00	0.18	0.00	0.07	0.00
		23.7	22	0.29	0.01	0.18	0.00	0.07	0.00
			6	0.29	0.01	0.18	0.00	0.15	0.00
		23.8	6	0.49	0.03	0.55	0.00	0.04	0.00
			19	0.49	0.03	0.55	0.00	0.00	0.00
	24	24.1	89	0.01	0.04	0.02	0.00	0.01	0.03
			90	0.01	0.04	0.02	0.00	0.01	0.01
		24.2	90	0.02	0.04	0.02	0.00	0.01	0.01
			91	0.02	0.04	0.02	0.00	0.00	0.01
		24.3	91	0.05	0.04	0.02	0.00	0.00	0.01
			92	0.05	0.04	0.02	0.00	0.01	0.03
	25	25.1	92	0.05	0.04	0.02	0.00	0.01	0.03
			93	0.05	0.04	0.02	0.00	0.00	0.01
		25.2	93	0.02	0.04	0.02	0.00	0.00	0.01
			94	0.02	0.04	0.02	0.00	0.01	0.01
		25.3	94	0.01	0.04	0.02	0.00	0.01	0.01
			95	0.01	0.04	0.02	0.00	0.01	0.03
	27	27.1	76	0.04	0.06	0.02	0.01	0.01	0.01
			85	0.04	0.06	0.02	0.01	0.00	0.02
	28	28.1	85	0.04	0.05	0.03	0.01	0.00	0.02
			96	0.04	0.05	0.03	0.01	0.00	0.03
	29	29.1	96	0.01	0.04	0.02	0.00	0.00	0.00
			107	0.01	0.04	0.02	0.00	0.01	0.00
	30	30.1	107	0.02	0.03	0.02	0.00	0.01	0.00
			113	0.02	0.03	0.02	0.00	0.01	0.01
	31	31.1	113	0.02	0.02	0.01	0.00	0.01	0.01
			115	0.02	0.02	0.01	0.00	0.01	0.01
	32	32.1	115	0.02	0.02	0.01	0.00	0.01	0.01
			114	0.02	0.02	0.01	0.00	0.01	0.01
	33	33.1	114	0.02	0.03	0.02	0.00	0.01	0.01
			108	0.02	0.03	0.02	0.00	0.01	0.00
	34	34.1	108	0.01	0.04	0.02	0.00	0.01	0.00

Forze elementi lineari per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			89	0.01	0.04	0.02	0.00	0.00	0.00
	35	35.1	89	0.04	0.05	0.03	0.01	0.00	0.03
			83	0.04	0.05	0.03	0.01	0.00	0.02
	36	36.1	83	0.04	0.06	0.02	0.01	0.00	0.02
			71	0.04	0.06	0.02	0.01	0.01	0.01
	37	37.1	88	0.00	0.19	0.00	0.01	0.00	0.02
			74	0.00	0.19	0.00	0.01	0.00	0.01
	38	38.1	86	0.00	0.18	0.00	0.01	0.00	0.02
			99	0.00	0.18	0.00	0.01	0.00	0.05
	39	39.1	105	0.00	0.05	0.00	0.00	0.00	0.00
			110	0.00	0.05	0.00	0.00	0.00	0.01
	40	40.1	106	0.00	0.06	0.00	0.00	0.00	0.01
			92	0.00	0.06	0.00	0.00	0.00	0.01
	41	41.1	79	0.00	0.19	0.00	0.01	0.00	0.01
			86	0.00	0.19	0.00	0.01	0.00	0.02
	42	42.1	110	0.00	0.04	0.00	0.01	0.00	0.01
			118	0.00	0.04	0.00	0.01	0.00	0.02
	43	43.1	99	0.00	0.06	0.00	0.00	0.00	0.01
			105	0.00	0.06	0.00	0.00	0.00	0.01
	44	44.1	92	0.00	0.18	0.00	0.01	0.00	0.05
			88	0.00	0.18	0.00	0.01	0.00	0.02
	45	45.1	118	0.00	0.04	0.00	0.01	0.00	0.02
			111	0.00	0.04	0.00	0.01	0.00	0.01
	46	46.1	111	0.00	0.05	0.00	0.00	0.00	0.01
			106	0.00	0.05	0.00	0.00	0.00	0.00
	47	47.1	87	0.04	0.06	0.02	0.01	0.00	0.02
			75	0.04	0.06	0.02	0.01	0.01	0.01
	48	48.1	84	0.04	0.05	0.03	0.01	0.00	0.02
			102	0.04	0.05	0.03	0.01	0.00	0.03
	49	49.1	104	0.02	0.03	0.02	0.00	0.01	0.00
			112	0.02	0.03	0.02	0.00	0.01	0.01
	50	50.1	103	0.01	0.04	0.02	0.00	0.01	0.00
			95	0.01	0.04	0.02	0.00	0.00	0.00
	51	51.1	82	0.04	0.06	0.02	0.01	0.01	0.01
			84	0.04	0.06	0.02	0.01	0.00	0.02
	52	52.1	112	0.02	0.02	0.01	0.00	0.01	0.01
			121	0.02	0.02	0.01	0.00	0.01	0.01
	53	53.1	102	0.01	0.04	0.02	0.00	0.00	0.00
			104	0.01	0.04	0.02	0.00	0.01	0.00
	54	54.1	95	0.04	0.05	0.03	0.01	0.00	0.03
			87	0.04	0.05	0.03	0.01	0.00	0.02
	55	55.1	121	0.02	0.02	0.01	0.00	0.01	0.01
			109	0.02	0.02	0.01	0.00	0.01	0.01
	56	56.1	109	0.02	0.03	0.02	0.00	0.01	0.01
			103	0.02	0.03	0.02	0.00	0.01	0.00
Min (elemento, nodo)				**0.00 (1, 120)**	**0.00 (18, 11)**	**0.00 (1, 121)**	**0.00 (1, 121)**	**0.00 (1, 121)**	**0.00 (1, 119)**
Max (elemento, nodo)				**0.49 (23, 6)**	**0.27 (7, 46)**	**0.55 (21, 33)**	**0.01 (27, 76)**	**0.15 (21, 14)**	**0.22 (7, 13)**

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
1	1	1.1	121	-0.17	0.13	0.00	0.00	0.00	-0.04
			120	-0.17	0.08	0.00	0.00	0.00	0.01
		1.2	120	-0.17	0.08	0.00	0.00	0.00	0.01
			119	-0.17	0.03	0.00	0.00	0.00	0.04
		1.3	119	-0.17	0.03	0.00	0.00	0.00	0.04
			118	-0.17	-0.03	0.00	0.00	0.00	0.04
	2	1.1	121	-0.04	0.02	0.00	0.00	0.00	-0.01
			120	-0.04	0.02	0.00	0.00	0.00	0.00
		1.2	120	-0.04	0.02	0.00	0.00	0.00	0.00
			119	-0.04	0.02	0.00	0.00	0.00	0.01
		1.3	119	-0.04	0.02	0.00	0.00	0.00	0.01
			118	-0.04	0.02	0.00	0.00	0.00	0.02
	3	1.1	121	-0.24	0.12	0.00	0.00	0.00	-0.05
			120	-0.24	0.12	0.00	0.00	0.00	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		1.2	120	-0.24	0.12	0.00	0.00	0.00	0.00
			119	-0.24	0.12	0.00	0.00	0.00	0.06
		1.3	119	-0.24	0.12	0.00	0.00	0.00	0.06
			118	-0.24	0.12	0.00	0.00	0.00	0.11
	4	1.1	121	-0.24	0.08	0.00	0.00	0.00	-0.05
			120	-0.24	0.08	0.00	0.00	0.00	-0.01
		1.2	120	-0.24	0.08	0.00	0.00	0.00	-0.01
			119	-0.24	0.08	0.00	0.00	0.00	0.03
		1.3	119	-0.24	0.08	0.00	0.00	0.00	0.03
			118	-0.24	0.08	0.00	0.00	0.00	0.07
	7	1.1	121	-0.03	0.01	0.00	0.00	0.00	0.00
			120	-0.03	0.01	0.00	0.00	0.00	0.00
		1.2	120	-0.03	0.01	0.00	0.00	0.00	0.00
			119	-0.03	0.01	0.00	0.00	0.00	0.00
		1.3	119	-0.03	0.01	0.00	0.00	0.00	0.00
			118	-0.03	0.01	0.00	0.00	0.00	0.01
	9	1.1	121	-0.03	0.01	0.00	0.00	0.00	-0.01
			120	-0.03	0.01	0.00	0.00	0.00	0.00
		1.2	120	-0.03	0.01	0.00	0.00	0.00	0.00
			119	-0.03	0.01	0.00	0.00	0.00	0.01
		1.3	119	-0.03	0.01	0.00	0.00	0.00	0.01
			118	-0.03	0.01	0.00	0.00	0.00	0.01
	11	1.1	121	0.01	0.00	0.02	-0.01	-0.02	0.00
			120	0.01	0.00	0.02	-0.01	-0.01	0.00
		1.2	120	0.01	0.00	0.02	-0.01	-0.01	0.00
			119	0.01	0.00	0.02	-0.01	0.01	0.00
		1.3	119	0.01	0.00	0.02	-0.01	0.01	0.00
			118	0.01	0.00	0.02	-0.01	0.02	0.00
	13	1.1	121	0.01	0.00	-0.02	0.01	0.02	0.00
			120	0.01	0.00	-0.02	0.01	0.01	0.00
		1.2	120	0.01	0.00	-0.02	0.01	0.01	0.00
			119	0.01	0.00	-0.02	0.01	-0.01	0.00
		1.3	119	0.01	0.00	-0.02	0.01	-0.01	0.00
			118	0.01	0.00	-0.02	0.01	-0.02	0.00
	5 (CQC)	1.1	121	0.00	0.00	0.07	0.02	0.03	0.00
			120	0.00	0.00	0.07	0.02	0.00	0.00
		1.2	120	0.00	0.00	0.04	0.02	0.00	0.00
			119	0.00	0.00	0.04	0.02	0.01	0.00
		1.3	119	0.00	0.00	0.01	0.02	0.01	0.00
			118	0.00	0.00	0.01	0.02	0.02	0.00
	6 (CQC)	1.1	121	0.02	0.01	0.00	0.00	0.00	0.01
			120	0.02	0.01	0.00	0.00	0.00	0.01
		1.2	120	0.00	0.01	0.00	0.00	0.00	0.01
			119	0.00	0.01	0.00	0.00	0.00	0.00
		1.3	119	0.02	0.01	0.00	0.00	0.00	0.00
			118	0.02	0.01	0.00	0.00	0.00	0.01
2	1	2.1	99	-0.27	0.01	-0.04	0.01	0.06	0.04
			100	-0.27	-0.03	-0.08	0.01	0.03	0.03
		2.2	100	-0.27	-0.03	-0.08	0.01	0.03	0.03
			101	-0.27	-0.07	-0.11	0.01	-0.02	0.01
		2.3	101	-0.27	-0.07	-0.11	0.01	-0.02	0.01
			102	-0.27	-0.11	-0.15	0.01	-0.08	-0.03
	2	2.1	99	-0.04	-0.01	-0.02	0.00	0.01	0.01
			100	-0.04	-0.01	-0.02	0.00	0.00	0.00
		2.2	100	-0.04	-0.01	-0.02	0.00	0.00	0.00
			101	-0.04	-0.01	-0.02	0.00	0.00	0.00
		2.3	101	-0.04	-0.01	-0.02	0.00	0.00	0.00
			102	-0.04	-0.01	-0.02	0.00	-0.01	0.00
	3	2.1	99	-0.44	-0.11	-0.17	0.01	0.12	0.11
			100	-0.44	-0.11	-0.17	0.01	0.04	0.06
		2.2	100	-0.44	-0.11	-0.17	0.01	0.04	0.06
			101	-0.44	-0.11	-0.17	0.01	-0.04	0.00
		2.3	101	-0.44	-0.11	-0.17	0.01	-0.04	0.00
			102	-0.44	-0.11	-0.17	0.01	-0.12	-0.05
	4	2.1	99	-0.17	-0.03	-0.06	-0.03	0.04	0.02
			100	-0.17	-0.03	-0.06	-0.03	0.02	0.00
		2.2	100	-0.17	-0.03	-0.06	-0.03	0.02	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			101	-0.17	-0.03	-0.06	-0.03	-0.01	-0.01
		2.3	101	-0.17	-0.03	-0.06	-0.03	-0.01	-0.01
			102	-0.17	-0.03	-0.06	-0.03	-0.04	-0.03
	7	2.1	99	-0.02	0.00	0.00	0.00	0.00	0.00
			100	-0.02	0.00	0.00	0.00	0.00	0.00
		2.2	100	-0.02	0.00	0.00	0.00	0.00	0.00
			101	-0.02	0.00	0.00	0.00	0.00	0.00
		2.3	101	-0.02	0.00	0.00	0.00	0.00	0.00
			102	-0.02	0.00	0.00	0.00	0.00	0.00
	9	2.1	99	-0.03	-0.01	-0.02	0.00	0.01	0.01
			100	-0.03	-0.01	-0.02	0.00	0.00	0.00
		2.2	100	-0.03	-0.01	-0.02	0.00	0.00	0.00
			101	-0.03	-0.01	-0.02	0.00	0.00	0.00
		2.3	101	-0.03	-0.01	-0.02	0.00	0.00	0.00
			102	-0.03	-0.01	-0.02	0.00	-0.01	0.00
	11	2.1	99	0.06	0.01	0.04	-0.01	-0.03	-0.01
			100	0.06	0.01	0.04	-0.01	-0.01	-0.01
		2.2	100	0.06	0.01	0.04	-0.01	-0.01	-0.01
			101	0.06	0.01	0.04	-0.01	0.01	0.00
		2.3	101	0.06	0.01	0.04	-0.01	0.01	0.00
			102	0.06	0.01	0.04	-0.01	0.03	0.00
	13	2.1	99	-0.06	-0.01	-0.03	0.01	0.02	0.01
			100	-0.06	-0.01	-0.03	0.01	0.01	0.01
		2.2	100	-0.06	-0.01	-0.03	0.01	0.01	0.01
			101	-0.06	-0.01	-0.03	0.01	-0.01	0.00
		2.3	101	-0.06	-0.01	-0.03	0.01	-0.01	0.00
			102	-0.06	-0.01	-0.03	0.01	-0.02	0.00
	5 (CQC)	2.1	99	0.15	0.06	0.04	0.02	0.04	0.04
			100	0.15	0.06	0.04	0.02	0.02	0.02
		2.2	100	0.15	0.04	0.07	0.02	0.02	0.02
			101	0.15	0.04	0.07	0.02	0.01	0.00
		2.3	101	0.15	0.02	0.09	0.02	0.01	0.00
			102	0.15	0.02	0.09	0.02	0.05	0.01
	6 (CQC)	2.1	99	0.05	0.02	0.04	0.00	0.03	0.01
			100	0.05	0.02	0.04	0.00	0.01	0.00
		2.2	100	0.02	0.02	0.04	0.00	0.01	0.00
			101	0.02	0.02	0.04	0.00	0.01	0.01
		2.3	101	0.01	0.02	0.04	0.00	0.01	0.01
			102	0.01	0.02	0.04	0.00	0.03	0.02
3	1	3.1	96	-0.27	0.11	0.15	-0.01	-0.08	-0.03
			97	-0.27	0.07	0.11	-0.01	-0.02	0.01
		3.2	97	-0.27	0.07	0.11	-0.01	-0.02	0.01
			98	-0.27	0.03	0.08	-0.01	0.03	0.03
		3.3	98	-0.27	0.03	0.08	-0.01	0.03	0.03
			99	-0.27	-0.01	0.04	-0.01	0.06	0.04
	2	3.1	96	-0.04	0.01	0.02	0.00	-0.01	0.00
			97	-0.04	0.01	0.02	0.00	0.00	0.00
		3.2	97	-0.04	0.01	0.02	0.00	0.00	0.00
			98	-0.04	0.01	0.02	0.00	0.00	0.00
		3.3	98	-0.04	0.01	0.02	0.00	0.00	0.00
			99	-0.04	0.01	0.02	0.00	0.01	0.01
	3	3.1	96	-0.44	0.11	0.17	-0.01	-0.12	-0.05
			97	-0.44	0.11	0.17	-0.01	-0.04	0.00
		3.2	97	-0.44	0.11	0.17	-0.01	-0.04	0.00
			98	-0.44	0.11	0.17	-0.01	0.04	0.06
		3.3	98	-0.44	0.11	0.17	-0.01	0.04	0.06
			99	-0.44	0.11	0.17	-0.01	0.12	0.11
	4	3.1	96	-0.17	0.03	0.06	0.03	-0.04	-0.03
			97	-0.17	0.03	0.06	0.03	-0.01	-0.01
		3.2	97	-0.17	0.03	0.06	0.03	-0.01	-0.01
			98	-0.17	0.03	0.06	0.03	0.02	0.00
		3.3	98	-0.17	0.03	0.06	0.03	0.02	0.00
			99	-0.17	0.03	0.06	0.03	0.04	0.02
	7	3.1	96	-0.02	0.00	0.00	0.00	0.00	0.00
			97	-0.02	0.00	0.00	0.00	0.00	0.00
		3.2	97	-0.02	0.00	0.00	0.00	0.00	0.00
			98	-0.02	0.00	0.00	0.00	0.00	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		3.3	98	-0.02	0.00	0.00	0.00	0.00	0.00
			99	-0.02	0.00	0.00	0.00	0.00	0.00
	9	3.1	96	-0.03	0.01	0.02	0.00	-0.01	0.00
			97	-0.03	0.01	0.02	0.00	0.00	0.00
		3.2	97	-0.03	0.01	0.02	0.00	0.00	0.00
			98	-0.03	0.01	0.02	0.00	0.00	0.00
		3.3	98	-0.03	0.01	0.02	0.00	0.00	0.00
			99	-0.03	0.01	0.02	0.00	0.01	0.01
	11	3.1	96	0.06	-0.01	-0.04	0.01	0.03	0.00
			97	0.06	-0.01	-0.04	0.01	0.01	0.00
		3.2	97	0.06	-0.01	-0.04	0.01	0.01	0.00
			98	0.06	-0.01	-0.04	0.01	-0.01	-0.01
		3.3	98	0.06	-0.01	-0.04	0.01	-0.01	-0.01
			99	0.06	-0.01	-0.04	0.01	-0.03	-0.01
	13	3.1	96	-0.06	0.01	0.03	-0.01	-0.02	0.00
			97	-0.06	0.01	0.03	-0.01	-0.01	0.00
		3.2	97	-0.06	0.01	0.03	-0.01	-0.01	0.00
			98	-0.06	0.01	0.03	-0.01	0.01	0.01
		3.3	98	-0.06	0.01	0.03	-0.01	0.01	0.01
			99	-0.06	0.01	0.03	-0.01	0.02	0.01
	5 (CQC)	3.1	96	0.15	0.02	0.09	0.02	0.05	0.01
			97	0.15	0.02	0.09	0.02	0.01	0.00
		3.2	97	0.15	0.04	0.07	0.02	0.01	0.00
			98	0.15	0.04	0.07	0.02	0.02	0.02
		3.3	98	0.15	0.06	0.04	0.02	0.02	0.02
			99	0.15	0.06	0.04	0.02	0.04	0.04
	6 (CQC)	3.1	96	0.01	0.02	0.04	0.00	0.03	0.02
			97	0.01	0.02	0.04	0.00	0.01	0.01
		3.2	97	0.02	0.02	0.04	0.00	0.01	0.01
			98	0.02	0.02	0.04	0.00	0.01	0.00
		3.3	98	0.05	0.02	0.04	0.00	0.01	0.00
			99	0.05	0.02	0.04	0.00	0.03	0.01
4	1	4.1	118	-0.17	0.03	0.00	0.00	0.00	0.04
			117	-0.17	-0.03	0.00	0.00	0.00	0.04
		4.2	117	-0.17	-0.03	0.00	0.00	0.00	0.04
			116	-0.17	-0.08	0.00	0.00	0.00	0.01
		4.3	116	-0.17	-0.08	0.00	0.00	0.00	0.01
			115	-0.17	-0.13	0.00	0.00	0.00	-0.04
	2	4.1	118	-0.04	-0.02	0.00	0.00	0.00	0.02
			117	-0.04	-0.02	0.00	0.00	0.00	0.01
		4.2	117	-0.04	-0.02	0.00	0.00	0.00	0.01
			116	-0.04	-0.02	0.00	0.00	0.00	0.00
		4.3	116	-0.04	-0.02	0.00	0.00	0.00	0.00
			115	-0.04	-0.02	0.00	0.00	0.00	-0.01
	3	4.1	118	-0.24	-0.12	0.00	0.00	0.00	0.11
			117	-0.24	-0.12	0.00	0.00	0.00	0.06
		4.2	117	-0.24	-0.12	0.00	0.00	0.00	0.06
			116	-0.24	-0.12	0.00	0.00	0.00	0.00
		4.3	116	-0.24	-0.12	0.00	0.00	0.00	0.00
			115	-0.24	-0.12	0.00	0.00	0.00	-0.05
	4	4.1	118	-0.24	-0.08	0.00	0.00	0.00	0.07
			117	-0.24	-0.08	0.00	0.00	0.00	0.03
		4.2	117	-0.24	-0.08	0.00	0.00	0.00	0.03
			116	-0.24	-0.08	0.00	0.00	0.00	-0.01
		4.3	116	-0.24	-0.08	0.00	0.00	0.00	-0.01
			115	-0.24	-0.08	0.00	0.00	0.00	-0.05
	7	4.1	118	-0.02	-0.01	0.00	0.00	0.00	0.01
			117	-0.02	-0.01	0.00	0.00	0.00	0.00
		4.2	117	-0.02	-0.01	0.00	0.00	0.00	0.00
			116	-0.02	-0.01	0.00	0.00	0.00	0.00
		4.3	116	-0.02	-0.01	0.00	0.00	0.00	0.00
			115	-0.02	-0.01	0.00	0.00	0.00	0.00
	9	4.1	118	-0.03	-0.01	0.00	0.00	0.00	0.01
			117	-0.03	-0.01	0.00	0.00	0.00	0.01
		4.2	117	-0.03	-0.01	0.00	0.00	0.00	0.01
			116	-0.03	-0.01	0.00	0.00	0.00	0.00
		4.3	116	-0.03	-0.01	0.00	0.00	0.00	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			115	-0.03	-0.01	0.00	0.00	0.00	-0.01
	11	4.1	118	0.01	0.00	-0.02	0.01	0.02	0.00
			117	0.01	0.00	-0.02	0.01	0.01	0.00
		4.2	117	0.01	0.00	-0.02	0.01	0.01	0.00
			116	0.01	0.00	-0.02	0.01	-0.01	0.00
		4.3	116	0.01	0.00	-0.02	0.01	-0.01	0.00
			115	0.01	0.00	-0.02	0.01	-0.02	0.00
	13	4.1	118	0.01	0.00	0.02	-0.01	-0.02	0.00
			117	0.01	0.00	0.02	-0.01	-0.01	0.00
		4.2	117	0.01	0.00	0.02	-0.01	-0.01	0.00
			116	0.01	0.00	0.02	-0.01	0.01	0.00
		4.3	116	0.01	0.00	0.02	-0.01	0.01	0.00
			115	0.01	0.00	0.02	-0.01	0.02	0.00
	5 (CQC)	4.1	118	0.00	0.00	0.01	0.02	0.02	0.00
			117	0.00	0.00	0.01	0.02	0.01	0.00
		4.2	117	0.00	0.00	0.04	0.02	0.01	0.00
			116	0.00	0.00	0.04	0.02	0.00	0.00
		4.3	116	0.00	0.00	0.07	0.02	0.00	0.00
			115	0.00	0.00	0.07	0.02	0.03	0.00
	6 (CQC)	4.1	118	0.02	0.01	0.00	0.00	0.00	0.01
			117	0.02	0.01	0.00	0.00	0.00	0.00
		4.2	117	0.00	0.01	0.00	0.00	0.00	0.00
			116	0.00	0.01	0.00	0.00	0.00	0.01
		4.3	116	0.02	0.01	0.00	0.00	0.00	0.01
			115	0.02	0.01	0.00	0.00	0.00	0.01
5	1	5.1	76	-0.57	0.12	0.02	0.00	-0.04	-0.06
			66	-0.62	0.12	0.02	0.00	-0.02	-0.01
		5.2	66	-0.62	0.12	0.02	0.00	-0.02	-0.01
			49	-0.68	0.12	0.02	0.00	-0.01	0.05
		5.3	49	-0.92	0.14	0.01	0.00	-0.01	-0.08
			43	-0.97	0.14	0.01	0.00	-0.01	0.00
		5.4	43	-0.97	0.14	0.01	0.00	-0.01	0.00
			37	-1.03	0.14	0.01	0.00	0.00	0.06
		5.5	37	-1.03	0.14	0.01	0.00	0.00	0.06
			5	-1.09	0.14	0.01	0.00	0.01	0.13
	2	5.1	76	-0.22	0.01	0.01	0.00	-0.03	-0.01
			66	-0.22	0.01	0.01	0.00	-0.02	0.00
		5.2	66	-0.22	0.01	0.01	0.00	-0.02	0.00
			49	-0.22	0.01	0.01	0.00	-0.02	0.01
		5.3	49	-0.24	0.02	0.01	0.00	-0.01	-0.01
			43	-0.24	0.02	0.01	0.00	-0.01	0.00
		5.4	43	-0.24	0.02	0.01	0.00	-0.01	0.00
			37	-0.24	0.02	0.01	0.00	0.00	0.01
		5.5	37	-0.24	0.02	0.01	0.00	0.00	0.01
			5	-0.24	0.02	0.01	0.00	0.01	0.02
	3	5.1	76	-0.51	0.19	0.03	-0.01	-0.02	-0.11
			66	-0.51	0.19	0.03	-0.01	-0.01	-0.01
		5.2	66	-0.51	0.19	0.03	-0.01	-0.01	-0.01
			49	-0.51	0.19	0.03	-0.01	0.01	0.08
		5.3	49	-0.82	0.26	0.00	-0.02	0.00	-0.14
			43	-0.82	0.26	0.00	-0.02	0.00	0.00
		5.4	43	-0.82	0.26	0.00	-0.02	0.00	0.00
			37	-0.82	0.26	0.00	-0.02	0.00	0.12
		5.5	37	-0.82	0.26	0.00	-0.02	0.00	0.12
			5	-0.82	0.26	0.00	-0.02	0.00	0.25
	4	5.1	76	-0.13	-0.04	-0.77	-0.09	0.02	0.03
			66	-0.13	-0.04	-0.77	-0.09	-0.36	0.01
		5.2	66	-0.13	-0.04	-0.77	-0.09	-0.36	0.01
			49	-0.13	-0.04	-0.77	-0.09	-0.72	-0.01
		5.3	49	-0.12	0.00	0.57	0.07	-0.69	0.00
			43	-0.12	0.00	0.57	0.07	-0.40	0.00
		5.4	43	-0.12	0.00	0.57	0.07	-0.40	0.00
			37	-0.12	0.00	0.57	0.07	-0.12	0.00
		5.5	37	-0.12	0.00	0.57	0.07	-0.12	0.00
			5	-0.12	0.00	0.57	0.07	0.16	0.00
	7	5.1	76	-0.01	0.00	0.01	-0.01	-0.01	0.00
			66	-0.01	0.00	0.01	-0.01	-0.01	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		5.2	66	-0.01	0.00	0.01	-0.01	-0.01	0.00
			49	-0.01	0.00	0.01	-0.01	0.00	0.00
		5.3	49	0.00	-0.02	0.01	-0.03	-0.01	0.01
			43	0.00	-0.02	0.01	-0.03	0.00	0.00
		5.4	43	0.00	-0.02	0.01	-0.03	0.00	0.00
			37	0.00	-0.02	0.01	-0.03	0.00	-0.01
		5.5	37	0.00	-0.02	0.01	-0.03	0.00	-0.01
			5	0.00	-0.02	0.01	-0.03	0.01	-0.02
	9	5.1	76	-0.19	0.01	0.01	0.00	-0.02	-0.01
			66	-0.19	0.01	0.01	0.00	-0.02	0.00
		5.2	66	-0.19	0.01	0.01	0.00	-0.02	0.00
			49	-0.19	0.01	0.01	0.00	-0.01	0.00
		5.3	49	-0.21	0.02	0.01	0.00	-0.01	-0.01
			43	-0.21	0.02	0.01	0.00	-0.01	0.00
		5.4	43	-0.21	0.02	0.01	0.00	-0.01	0.00
			37	-0.21	0.02	0.01	0.00	0.00	0.01
		5.5	37	-0.21	0.02	0.01	0.00	0.00	0.01
			5	-0.21	0.02	0.01	0.00	0.00	0.02
	11	5.1	76	0.38	-0.04	-0.16	-0.01	0.22	0.02
			66	0.38	-0.04	-0.16	-0.01	0.14	0.00
		5.2	66	0.38	-0.04	-0.16	-0.01	0.14	0.00
			49	0.38	-0.04	-0.16	-0.01	0.07	-0.02
		5.3	49	0.45	-0.05	-0.09	0.01	0.05	0.03
			43	0.45	-0.05	-0.09	0.01	0.00	0.00
		5.4	43	0.45	-0.05	-0.09	0.01	0.00	0.00
			37	0.45	-0.05	-0.09	0.01	-0.04	-0.02
		5.5	37	0.45	-0.05	-0.09	0.01	-0.04	-0.02
			5	0.45	-0.05	-0.09	0.01	-0.09	-0.05
	13	5.1	76	-0.38	0.04	0.14	0.01	-0.19	-0.02
			66	-0.38	0.04	0.14	0.01	-0.12	0.00
		5.2	66	-0.38	0.04	0.14	0.01	-0.12	0.00
			49	-0.38	0.04	0.14	0.01	-0.05	0.02
		5.3	49	-0.45	0.05	0.08	-0.01	-0.04	-0.03
			43	-0.45	0.05	0.08	-0.01	0.00	0.00
		5.4	43	-0.45	0.05	0.08	-0.01	0.00	0.00
			37	-0.45	0.05	0.08	-0.01	0.04	0.02
		5.5	37	-0.45	0.05	0.08	-0.01	0.04	0.02
			5	-0.45	0.05	0.08	-0.01	0.08	0.05
	5 (CQC)	5.1	76	0.83	0.09	0.22	0.02	0.35	0.05
			66	0.83	0.09	0.22	0.02	0.24	0.01
		5.2	66	0.83	0.09	0.24	0.02	0.24	0.01
			49	0.83	0.09	0.24	0.02	0.13	0.04
		5.3	49	0.97	0.11	0.17	0.02	0.11	0.06
			43	0.97	0.11	0.17	0.02	0.02	0.00
		5.4	43	0.97	0.11	0.18	0.02	0.02	0.00
			37	0.97	0.11	0.18	0.02	0.07	0.05
		5.5	37	0.97	0.11	0.19	0.02	0.07	0.05
			5	0.97	0.11	0.19	0.02	0.16	0.11
	6 (CQC)	5.1	76	0.15	0.12	0.00	0.00	0.01	0.09
			66	0.15	0.12	0.00	0.00	0.00	0.03
		5.2	66	0.15	0.14	0.00	0.00	0.00	0.03
			49	0.15	0.14	0.00	0.00	0.00	0.04
		5.3	49	0.37	0.21	0.00	0.00	0.00	0.13
			43	0.37	0.21	0.00	0.00	0.00	0.02
		5.4	43	0.37	0.22	0.00	0.00	0.00	0.02
			37	0.37	0.22	0.00	0.00	0.00	0.08
		5.5	37	0.37	0.22	0.00	0.00	0.00	0.08
			5	0.37	0.22	0.00	0.00	0.00	0.19
6	1	6.1	71	-0.57	0.12	-0.02	0.00	0.04	-0.06
			63	-0.62	0.12	-0.02	0.00	0.02	-0.01
		6.2	63	-0.62	0.12	-0.02	0.00	0.02	-0.01
			50	-0.68	0.12	-0.02	0.00	0.01	0.05
		6.3	50	-0.92	0.14	-0.01	0.00	0.01	-0.08
			44	-0.98	0.14	-0.01	0.00	0.01	0.00
		6.4	44	-0.98	0.14	-0.01	0.00	0.01	0.00
			38	-1.03	0.14	-0.01	0.00	0.00	0.07
		6.5	38	-1.03	0.14	-0.01	0.00	0.00	0.07

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			6	-1.09	0.14	-0.01	0.00	-0.01	0.13
	2	6.1	71	-0.22	0.01	-0.01	0.00	0.03	-0.01
			63	-0.22	0.01	-0.01	0.00	0.02	0.00
		6.2	63	-0.22	0.01	-0.01	0.00	0.02	0.00
			50	-0.22	0.01	-0.01	0.00	0.02	0.01
		6.3	50	-0.24	0.02	-0.01	0.00	0.01	-0.01
			44	-0.24	0.02	-0.01	0.00	0.01	0.00
		6.4	44	-0.24	0.02	-0.01	0.00	0.01	0.00
			38	-0.24	0.02	-0.01	0.00	0.00	0.01
		6.5	38	-0.24	0.02	-0.01	0.00	0.00	0.01
			6	-0.24	0.02	-0.01	0.00	-0.01	0.02
	3	6.1	71	-0.52	0.19	-0.03	0.01	0.02	-0.11
			63	-0.52	0.19	-0.03	0.01	0.01	-0.01
		6.2	63	-0.52	0.19	-0.03	0.01	0.01	-0.01
			50	-0.52	0.19	-0.03	0.01	-0.01	0.08
		6.3	50	-0.83	0.26	0.00	0.01	0.00	-0.14
			44	-0.83	0.26	0.00	0.01	0.00	0.00
		6.4	44	-0.83	0.26	0.00	0.01	0.00	0.00
			38	-0.83	0.26	0.00	0.01	0.00	0.12
		6.5	38	-0.83	0.26	0.00	0.01	0.00	0.12
			6	-0.83	0.26	0.00	0.01	0.00	0.25
	4	6.1	71	-0.13	-0.04	0.77	0.09	-0.02	0.03
			63	-0.13	-0.04	0.77	0.09	0.36	0.01
		6.2	63	-0.13	-0.04	0.77	0.09	0.36	0.01
			50	-0.13	-0.04	0.77	0.09	0.72	-0.01
		6.3	50	-0.12	0.00	-0.57	-0.07	0.69	0.00
			44	-0.12	0.00	-0.57	-0.07	0.40	0.00
		6.4	44	-0.12	0.00	-0.57	-0.07	0.40	0.00
			38	-0.12	0.00	-0.57	-0.07	0.12	0.00
		6.5	38	-0.12	0.00	-0.57	-0.07	0.12	0.00
			6	-0.12	0.00	-0.57	-0.07	-0.16	0.00
	7	6.1	71	-0.01	0.00	-0.02	0.01	0.01	0.00
			63	-0.01	0.00	-0.02	0.01	0.01	0.00
		6.2	63	-0.01	0.00	-0.02	0.01	0.01	0.00
			50	-0.01	0.00	-0.02	0.01	0.00	0.01
		6.3	50	-0.01	-0.02	-0.01	0.04	0.01	0.01
			44	-0.01	-0.02	-0.01	0.04	0.00	0.00
		6.4	44	-0.01	-0.02	-0.01	0.04	0.00	0.00
			38	-0.01	-0.02	-0.01	0.04	0.00	-0.01
		6.5	38	-0.01	-0.02	-0.01	0.04	0.00	-0.01
			6	-0.01	-0.02	-0.01	0.04	-0.01	-0.02
	9	6.1	71	-0.14	0.01	-0.01	0.00	0.02	0.00
			63	-0.14	0.01	-0.01	0.00	0.02	0.00
		6.2	63	-0.14	0.01	-0.01	0.00	0.02	0.00
			50	-0.14	0.01	-0.01	0.00	0.01	0.00
		6.3	50	-0.16	0.01	-0.01	0.00	0.01	-0.01
			44	-0.16	0.01	-0.01	0.00	0.01	0.00
		6.4	44	-0.16	0.01	-0.01	0.00	0.01	0.00
			38	-0.16	0.01	-0.01	0.00	0.00	0.01
		6.5	38	-0.16	0.01	-0.01	0.00	0.00	0.01
			6	-0.16	0.01	-0.01	0.00	0.00	0.01
	11	6.1	71	-0.38	0.04	-0.14	-0.01	0.19	-0.02
			63	-0.38	0.04	-0.14	-0.01	0.12	0.00
		6.2	63	-0.38	0.04	-0.14	-0.01	0.12	0.00
			50	-0.38	0.04	-0.14	-0.01	0.05	0.02
		6.3	50	-0.45	0.05	-0.08	0.01	0.04	-0.03
			44	-0.45	0.05	-0.08	0.01	0.00	0.00
		6.4	44	-0.45	0.05	-0.08	0.01	0.00	0.00
			38	-0.45	0.05	-0.08	0.01	-0.04	0.02
		6.5	38	-0.45	0.05	-0.08	0.01	-0.04	0.02
			6	-0.45	0.05	-0.08	0.01	-0.08	0.05
	13	6.1	71	0.38	-0.04	0.16	0.01	-0.22	0.02
			63	0.38	-0.04	0.16	0.01	-0.14	0.00
		6.2	63	0.38	-0.04	0.16	0.01	-0.14	0.00
			50	0.38	-0.04	0.16	0.01	-0.07	-0.02
		6.3	50	0.45	-0.05	0.09	-0.01	-0.05	0.03
			44	0.45	-0.05	0.09	-0.01	0.00	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		6.4	44	0.45	-0.05	0.09	-0.01	0.00	0.00
			38	0.45	-0.05	0.09	-0.01	0.04	-0.02
		6.5	38	0.45	-0.05	0.09	-0.01	0.04	-0.02
			6	0.45	-0.05	0.09	-0.01	0.09	-0.05
	5 (CQC)	6.1	71	0.83	0.09	0.22	0.02	0.35	0.05
			63	0.83	0.09	0.22	0.02	0.24	0.01
		6.2	63	0.83	0.09	0.24	0.02	0.24	0.01
			50	0.83	0.09	0.24	0.02	0.13	0.04
		6.3	50	0.97	0.11	0.17	0.02	0.11	0.06
			44	0.97	0.11	0.17	0.02	0.02	0.00
		6.4	44	0.97	0.11	0.18	0.02	0.02	0.00
			38	0.97	0.11	0.18	0.02	0.07	0.05
		6.5	38	0.97	0.11	0.19	0.02	0.07	0.05
			6	0.97	0.11	0.19	0.02	0.16	0.11
	6 (CQC)	6.1	71	0.15	0.12	0.00	0.00	0.01	0.09
			63	0.15	0.12	0.00	0.00	0.00	0.03
		6.2	63	0.15	0.14	0.00	0.00	0.00	0.03
			50	0.15	0.14	0.00	0.00	0.00	0.04
		6.3	50	0.37	0.21	0.00	0.00	0.00	0.13
			44	0.37	0.21	0.00	0.00	0.00	0.02
		6.4	44	0.37	0.22	0.00	0.00	0.00	0.02
			38	0.37	0.22	0.00	0.00	0.00	0.08
		6.5	38	0.37	0.22	0.00	0.00	0.00	0.08
			6	0.37	0.22	0.00	0.00	0.00	0.19
7	1	7.1	74	0.02	0.00	0.00	0.00	0.01	0.00
			64	-0.04	0.00	0.00	0.00	0.01	0.00
		7.2	64	-0.04	0.00	0.00	0.00	0.01	0.00
			56	-0.09	0.00	0.00	0.00	0.01	0.00
		7.3	56	0.07	0.00	-0.02	0.00	0.01	0.00
			46	0.01	0.00	-0.02	0.00	0.00	0.00
		7.4	46	0.01	0.00	-0.02	0.00	0.00	0.00
			40	-0.05	0.00	-0.02	0.00	-0.01	0.00
		7.5	40	-0.05	0.00	-0.02	0.00	-0.01	0.00
			13	-0.10	0.00	-0.02	0.00	-0.02	0.00
	2	7.1	74	-0.25	0.00	-0.02	0.00	0.04	0.00
			64	-0.25	0.00	-0.02	0.00	0.03	0.00
		7.2	64	-0.25	0.00	-0.02	0.00	0.03	0.00
			56	-0.25	0.00	-0.02	0.00	0.01	0.00
		7.3	56	-0.20	0.00	-0.03	0.00	0.02	0.00
			46	-0.20	0.00	-0.03	0.00	0.00	0.00
		7.4	46	-0.20	0.00	-0.03	0.00	0.00	0.00
			40	-0.20	0.00	-0.03	0.00	-0.01	0.00
		7.5	40	-0.20	0.00	-0.03	0.00	-0.01	0.00
			13	-0.20	0.00	-0.03	0.00	-0.02	0.00
	3	7.1	74	1.04	0.00	0.04	0.00	-0.04	0.00
			64	1.04	0.00	0.04	0.00	-0.02	0.00
		7.2	64	1.04	0.00	0.04	0.00	-0.02	0.00
			56	1.04	0.00	0.04	0.00	0.00	0.00
		7.3	56	1.66	0.00	-0.02	0.00	-0.01	0.00
			46	1.66	0.00	-0.02	0.00	-0.02	0.00
		7.4	46	1.66	0.00	-0.02	0.00	-0.02	0.00
			40	1.66	0.00	-0.02	0.00	-0.03	0.00
		7.5	40	1.66	0.00	-0.02	0.00	-0.03	0.00
			13	1.66	0.00	-0.02	0.00	-0.04	0.00
	4	7.1	74	0.26	0.00	1.41	0.00	-0.17	0.00
			64	0.26	0.00	1.41	0.00	0.52	0.00
		7.2	64	0.26	0.00	1.41	0.00	0.52	0.00
			56	0.26	0.00	1.41	0.00	1.18	0.00
		7.3	56	0.24	0.00	-1.60	0.00	1.23	0.00
			46	0.24	0.00	-1.60	0.00	0.40	0.00
		7.4	46	0.24	0.00	-1.60	0.00	0.40	0.00
			40	0.24	0.00	-1.60	0.00	-0.38	0.00
		7.5	40	0.24	0.00	-1.60	0.00	-0.38	0.00
			13	0.24	0.00	-1.60	0.00	-1.17	0.00
	7	7.1	74	0.03	0.00	0.02	0.00	-0.01	0.00
			64	0.03	0.00	0.02	0.00	0.00	0.00
		7.2	64	0.03	0.00	0.02	0.00	0.00	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			56	0.03	0.00	0.02	0.00	0.01	0.00
		7.3	56	0.01	0.00	0.01	0.00	-0.01	0.00
			46	0.01	0.00	0.01	0.00	0.00	0.00
		7.4	46	0.01	0.00	0.01	0.00	0.00	0.00
			40	0.01	0.00	0.01	0.00	0.00	0.00
		7.5	40	0.01	0.00	0.01	0.00	0.00	0.00
			13	0.01	0.00	0.01	0.00	0.00	0.00
	9	7.1	74	-0.16	0.00	-0.02	0.00	0.03	0.00
			64	-0.16	0.00	-0.02	0.00	0.02	0.00
		7.2	64	-0.16	0.00	-0.02	0.00	0.02	0.00
			56	-0.16	0.00	-0.02	0.00	0.01	0.00
		7.3	56	-0.13	0.00	-0.02	0.00	0.01	0.00
			46	-0.13	0.00	-0.02	0.00	0.00	0.00
		7.4	46	-0.13	0.00	-0.02	0.00	0.00	0.00
			40	-0.13	0.00	-0.02	0.00	-0.01	0.00
		7.5	40	-0.13	0.00	-0.02	0.00	-0.01	0.00
			13	-0.13	0.00	-0.02	0.00	-0.02	0.00
	11	7.1	74	-0.01	0.00	-0.17	0.00	0.20	0.00
			64	-0.01	0.00	-0.17	0.00	0.12	0.00
		7.2	64	-0.01	0.00	-0.17	0.00	0.12	0.00
			56	-0.01	0.00	-0.17	0.00	0.04	0.00
		7.3	56	0.11	0.00	-0.29	0.00	0.07	0.00
			46	0.11	0.00	-0.29	0.00	-0.08	0.00
		7.4	46	0.11	0.00	-0.29	0.00	-0.08	0.00
			40	0.11	0.00	-0.29	0.00	-0.22	0.00
		7.5	40	0.11	0.00	-0.29	0.00	-0.22	0.00
			13	0.11	0.00	-0.29	0.00	-0.37	0.00
	13	7.1	74	-0.01	0.00	0.19	0.00	-0.25	0.00
			64	-0.01	0.00	0.19	0.00	-0.15	0.00
		7.2	64	-0.01	0.00	0.19	0.00	-0.15	0.00
			56	-0.01	0.00	0.19	0.00	-0.06	0.00
		7.3	56	-0.14	0.00	0.32	0.00	-0.09	0.00
			46	-0.14	0.00	0.32	0.00	0.08	0.00
		7.4	46	-0.14	0.00	0.32	0.00	0.08	0.00
			40	-0.14	0.00	0.32	0.00	0.24	0.00
		7.5	40	-0.14	0.00	0.32	0.00	0.24	0.00
			13	-0.14	0.00	0.32	0.00	0.40	0.00
	5 (CQC)	7.1	74	0.14	0.00	0.25	0.00	0.38	0.00
			64	0.14	0.00	0.25	0.00	0.26	0.00
		7.2	64	0.14	0.00	0.27	0.00	0.26	0.00
			56	0.14	0.00	0.27	0.00	0.13	0.00
		7.3	56	0.13	0.00	0.59	0.00	0.18	0.00
			46	0.13	0.00	0.59	0.00	0.12	0.00
		7.4	46	0.13	0.00	0.60	0.00	0.12	0.00
			40	0.13	0.00	0.60	0.00	0.42	0.00
		7.5	40	0.13	0.00	0.60	0.00	0.42	0.00
			13	0.13	0.00	0.60	0.00	0.71	0.00
	6 (CQC)	7.1	74	0.00	0.25	0.00	0.00	0.00	0.13
			64	0.00	0.25	0.00	0.00	0.00	0.01
		7.2	64	0.00	0.26	0.00	0.00	0.00	0.01
			56	0.00	0.26	0.00	0.00	0.00	0.11
		7.3	56	0.00	0.26	0.00	0.00	0.00	0.18
			46	0.00	0.26	0.00	0.00	0.00	0.05
		7.4	46	0.00	0.27	0.00	0.00	0.00	0.05
			40	0.00	0.27	0.00	0.00	0.00	0.09
		7.5	40	0.00	0.27	0.00	0.00	0.00	0.09
			13	0.00	0.27	0.00	0.00	0.00	0.22
8	1	8.1	79	0.02	0.00	0.00	0.00	-0.01	0.00
			67	-0.04	0.00	0.00	0.00	-0.01	0.00
		8.2	67	-0.04	0.00	0.00	0.00	-0.01	0.00
			55	-0.09	0.00	0.00	0.00	-0.01	0.00
		8.3	55	0.07	0.00	0.02	0.00	-0.01	0.00
			45	0.01	0.00	0.02	0.00	0.00	0.00
		8.4	45	0.01	0.00	0.02	0.00	0.00	0.00
			39	-0.05	0.00	0.02	0.00	0.01	0.00
		8.5	39	-0.05	0.00	0.02	0.00	0.01	0.00
			12	-0.10	0.00	0.02	0.00	0.02	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	2	8.1	79	-0.25	0.00	0.02	0.00	-0.04	0.00
			67	-0.25	0.00	0.02	0.00	-0.03	0.00
		8.2	67	-0.25	0.00	0.02	0.00	-0.03	0.00
			55	-0.25	0.00	0.02	0.00	-0.01	0.00
		8.3	55	-0.20	0.00	0.03	0.00	-0.02	0.00
			45	-0.20	0.00	0.03	0.00	0.00	0.00
		8.4	45	-0.20	0.00	0.03	0.00	0.00	0.00
			39	-0.20	0.00	0.03	0.00	0.01	0.00
		8.5	39	-0.20	0.00	0.03	0.00	0.01	0.00
			12	-0.20	0.00	0.03	0.00	0.02	0.00
	3	8.1	79	1.03	0.00	-0.04	0.00	0.04	0.00
			67	1.03	0.00	-0.04	0.00	0.02	0.00
		8.2	67	1.03	0.00	-0.04	0.00	0.02	0.00
			55	1.03	0.00	-0.04	0.00	0.00	0.00
		8.3	55	1.65	0.00	0.02	0.00	0.00	0.00
			45	1.65	0.00	0.02	0.00	0.02	0.00
		8.4	45	1.65	0.00	0.02	0.00	0.02	0.00
			39	1.65	0.00	0.02	0.00	0.03	0.00
		8.5	39	1.65	0.00	0.02	0.00	0.03	0.00
			12	1.65	0.00	0.02	0.00	0.04	0.00
	4	8.1	79	0.26	0.00	-1.41	0.00	0.17	0.00
			67	0.26	0.00	-1.41	0.00	-0.52	0.00
		8.2	67	0.26	0.00	-1.41	0.00	-0.52	0.00
			55	0.26	0.00	-1.41	0.00	-1.18	0.00
		8.3	55	0.25	0.00	1.60	0.00	-1.23	0.00
			45	0.25	0.00	1.60	0.00	-0.40	0.00
		8.4	45	0.25	0.00	1.60	0.00	-0.40	0.00
			39	0.25	0.00	1.60	0.00	0.38	0.00
		8.5	39	0.25	0.00	1.60	0.00	0.38	0.00
			12	0.25	0.00	1.60	0.00	1.17	0.00
	7	8.1	79	0.02	0.00	-0.02	0.00	0.01	0.00
			67	0.02	0.00	-0.02	0.00	0.00	0.00
		8.2	67	0.02	0.00	-0.02	0.00	0.00	0.00
			55	0.02	0.00	-0.02	0.00	-0.01	0.00
		8.3	55	0.01	0.00	-0.01	0.00	0.01	0.00
			45	0.01	0.00	-0.01	0.00	0.00	0.00
		8.4	45	0.01	0.00	-0.01	0.00	0.00	0.00
			39	0.01	0.00	-0.01	0.00	0.00	0.00
		8.5	39	0.01	0.00	-0.01	0.00	0.00	0.00
			12	0.01	0.00	-0.01	0.00	0.00	0.00
	9	8.1	79	-0.21	0.00	0.02	0.00	-0.03	0.00
			67	-0.21	0.00	0.02	0.00	-0.02	0.00
		8.2	67	-0.21	0.00	0.02	0.00	-0.02	0.00
			55	-0.21	0.00	0.02	0.00	-0.01	0.00
		8.3	55	-0.17	0.00	0.02	0.00	-0.01	0.00
			45	-0.17	0.00	0.02	0.00	0.00	0.00
		8.4	45	-0.17	0.00	0.02	0.00	0.00	0.00
			39	-0.17	0.00	0.02	0.00	0.01	0.00
		8.5	39	-0.17	0.00	0.02	0.00	0.01	0.00
			12	-0.17	0.00	0.02	0.00	0.02	0.00
	11	8.1	79	-0.01	0.00	-0.19	0.00	0.25	0.00
			67	-0.01	0.00	-0.19	0.00	0.15	0.00
		8.2	67	-0.01	0.00	-0.19	0.00	0.15	0.00
			55	-0.01	0.00	-0.19	0.00	0.06	0.00
		8.3	55	-0.14	0.00	-0.32	0.00	0.09	0.00
			45	-0.14	0.00	-0.32	0.00	-0.08	0.00
		8.4	45	-0.14	0.00	-0.32	0.00	-0.08	0.00
			39	-0.14	0.00	-0.32	0.00	-0.24	0.00
		8.5	39	-0.14	0.00	-0.32	0.00	-0.24	0.00
			12	-0.14	0.00	-0.32	0.00	-0.40	0.00
	13	8.1	79	-0.02	0.00	0.17	0.00	-0.20	0.00
			67	-0.02	0.00	0.17	0.00	-0.12	0.00
		8.2	67	-0.02	0.00	0.17	0.00	-0.12	0.00
			55	-0.02	0.00	0.17	0.00	-0.04	0.00
		8.3	55	0.11	0.00	0.29	0.00	-0.07	0.00
			45	0.11	0.00	0.29	0.00	0.08	0.00
		8.4	45	0.11	0.00	0.29	0.00	0.08	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			39	0.11	0.00	0.29	0.00	0.22	0.00
		8.5	39	0.11	0.00	0.29	0.00	0.22	0.00
			12	0.11	0.00	0.29	0.00	0.37	0.00
	5 (CQC)	8.1	79	0.14	0.00	0.25	0.00	0.38	0.00
			67	0.14	0.00	0.25	0.00	0.26	0.00
		8.2	67	0.14	0.00	0.27	0.00	0.26	0.00
			55	0.14	0.00	0.27	0.00	0.13	0.00
		8.3	55	0.13	0.00	0.59	0.00	0.18	0.00
			45	0.13	0.00	0.59	0.00	0.12	0.00
		8.4	45	0.13	0.00	0.60	0.00	0.12	0.00
			39	0.13	0.00	0.60	0.00	0.42	0.00
		8.5	39	0.13	0.00	0.60	0.00	0.42	0.00
			12	0.13	0.00	0.60	0.00	0.71	0.00
	6 (CQC)	8.1	79	0.00	0.25	0.00	0.00	0.00	0.13
			67	0.00	0.25	0.00	0.00	0.00	0.01
		8.2	67	0.00	0.26	0.00	0.00	0.00	0.01
			55	0.00	0.26	0.00	0.00	0.00	0.11
		8.3	55	0.00	0.26	0.00	0.00	0.00	0.18
			45	0.00	0.26	0.00	0.00	0.00	0.05
		8.4	45	0.00	0.27	0.00	0.00	0.00	0.05
			39	0.00	0.27	0.00	0.00	0.00	0.09
		8.5	39	0.00	0.27	0.00	0.00	0.00	0.09
			12	0.00	0.27	0.00	0.00	0.00	0.22
9	1	9.1	75	-0.57	-0.12	-0.02	0.00	0.04	0.06
			65	-0.62	-0.12	-0.02	0.00	0.02	0.01
		9.2	65	-0.62	-0.12	-0.02	0.00	0.02	0.01
			62	-0.68	-0.12	-0.02	0.00	0.01	-0.05
		9.3	62	-0.92	-0.14	-0.01	0.00	0.01	0.08
			48	-0.98	-0.14	-0.01	0.00	0.01	0.00
		9.4	48	-0.98	-0.14	-0.01	0.00	0.01	0.00
			42	-1.03	-0.14	-0.01	0.00	0.00	-0.07
		9.5	42	-1.03	-0.14	-0.01	0.00	0.00	-0.07
			15	-1.09	-0.14	-0.01	0.00	-0.01	-0.13
	2	9.1	75	-0.22	-0.01	-0.01	0.00	0.03	0.01
			65	-0.22	-0.01	-0.01	0.00	0.02	0.00
		9.2	65	-0.22	-0.01	-0.01	0.00	0.02	0.00
			62	-0.22	-0.01	-0.01	0.00	0.02	-0.01
		9.3	62	-0.24	-0.02	-0.01	0.00	0.01	0.01
			48	-0.24	-0.02	-0.01	0.00	0.01	0.00
		9.4	48	-0.24	-0.02	-0.01	0.00	0.01	0.00
			42	-0.24	-0.02	-0.01	0.00	0.00	-0.01
		9.5	42	-0.24	-0.02	-0.01	0.00	0.00	-0.01
			15	-0.24	-0.02	-0.01	0.00	-0.01	-0.02
	3	9.1	75	-0.52	-0.19	-0.03	-0.01	0.02	0.11
			65	-0.52	-0.19	-0.03	-0.01	0.01	0.01
		9.2	65	-0.52	-0.19	-0.03	-0.01	0.01	0.01
			62	-0.52	-0.19	-0.03	-0.01	-0.01	-0.08
		9.3	62	-0.83	-0.26	0.00	-0.01	0.00	0.14
			48	-0.83	-0.26	0.00	-0.01	0.00	0.00
		9.4	48	-0.83	-0.26	0.00	-0.01	0.00	0.00
			42	-0.83	-0.26	0.00	-0.01	0.00	-0.12
		9.5	42	-0.83	-0.26	0.00	-0.01	0.00	-0.12
			15	-0.83	-0.26	0.00	-0.01	0.00	-0.25
	4	9.1	75	-0.13	0.04	0.77	-0.09	-0.02	-0.03
			65	-0.13	0.04	0.77	-0.09	0.36	-0.01
		9.2	65	-0.13	0.04	0.77	-0.09	0.36	-0.01
			62	-0.13	0.04	0.77	-0.09	0.72	0.01
		9.3	62	-0.12	0.00	-0.57	0.07	0.69	0.00
			48	-0.12	0.00	-0.57	0.07	0.40	0.00
		9.4	48	-0.12	0.00	-0.57	0.07	0.40	0.00
			42	-0.12	0.00	-0.57	0.07	0.12	0.00
		9.5	42	-0.12	0.00	-0.57	0.07	0.12	0.00
			15	-0.12	0.00	-0.57	0.07	-0.16	0.00
	7	9.1	75	-0.01	-0.01	-0.02	-0.02	0.01	0.00
			65	-0.01	-0.01	-0.02	-0.02	0.01	0.00
		9.2	65	-0.01	-0.01	-0.02	-0.02	0.01	0.00
			62	-0.01	-0.01	-0.02	-0.02	0.00	-0.01

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		9.3	62	0.00	0.02	-0.01	-0.04	0.01	-0.02
			48	0.00	0.02	-0.01	-0.04	0.00	0.00
		9.4	48	0.00	0.02	-0.01	-0.04	0.00	0.00
			42	0.00	0.02	-0.01	-0.04	0.00	0.01
		9.5	42	0.00	0.02	-0.01	-0.04	0.00	0.01
			15	0.00	0.02	-0.01	-0.04	-0.01	0.02
	9	9.1	75	-0.14	-0.01	-0.01	0.00	0.02	0.00
			65	-0.14	-0.01	-0.01	0.00	0.02	0.00
		9.2	65	-0.14	-0.01	-0.01	0.00	0.02	0.00
			62	-0.14	-0.01	-0.01	0.00	0.01	0.00
		9.3	62	-0.16	-0.01	-0.01	0.00	0.01	0.01
			48	-0.16	-0.01	-0.01	0.00	0.01	0.00
		9.4	48	-0.16	-0.01	-0.01	0.00	0.01	0.00
			42	-0.16	-0.01	-0.01	0.00	0.00	-0.01
		9.5	42	-0.16	-0.01	-0.01	0.00	0.00	-0.01
			15	-0.16	-0.01	-0.01	0.00	0.00	-0.01
	11	9.1	75	-0.38	-0.04	-0.14	0.01	0.19	0.02
			65	-0.38	-0.04	-0.14	0.01	0.12	0.00
		9.2	65	-0.38	-0.04	-0.14	0.01	0.12	0.00
			62	-0.38	-0.04	-0.14	0.01	0.05	-0.02
		9.3	62	-0.45	-0.05	-0.08	-0.01	0.04	0.03
			48	-0.45	-0.05	-0.08	-0.01	0.00	0.00
		9.4	48	-0.45	-0.05	-0.08	-0.01	0.00	0.00
			42	-0.45	-0.05	-0.08	-0.01	-0.04	-0.02
		9.5	42	-0.45	-0.05	-0.08	-0.01	-0.04	-0.02
			15	-0.45	-0.05	-0.08	-0.01	-0.08	-0.05
	13	9.1	75	0.38	0.04	0.16	-0.01	-0.22	-0.02
			65	0.38	0.04	0.16	-0.01	-0.14	0.00
		9.2	65	0.38	0.04	0.16	-0.01	-0.14	0.00
			62	0.38	0.04	0.16	-0.01	-0.07	0.02
		9.3	62	0.45	0.05	0.09	0.01	-0.05	-0.03
			48	0.45	0.05	0.09	0.01	0.00	0.00
		9.4	48	0.45	0.05	0.09	0.01	0.00	0.00
			42	0.45	0.05	0.09	0.01	0.04	0.02
		9.5	42	0.45	0.05	0.09	0.01	0.04	0.02
			15	0.45	0.05	0.09	0.01	0.09	0.05
	5 (CQC)	9.1	75	0.83	0.09	0.22	0.02	0.35	0.05
			65	0.83	0.09	0.22	0.02	0.24	0.01
		9.2	65	0.83	0.09	0.24	0.02	0.24	0.01
			62	0.83	0.09	0.24	0.02	0.13	0.04
		9.3	62	0.97	0.11	0.17	0.02	0.11	0.06
			48	0.97	0.11	0.17	0.02	0.02	0.00
		9.4	48	0.97	0.11	0.18	0.02	0.02	0.00
			42	0.97	0.11	0.18	0.02	0.07	0.05
		9.5	42	0.97	0.11	0.19	0.02	0.07	0.05
			15	0.97	0.11	0.19	0.02	0.16	0.11
	6 (CQC)	9.1	75	0.15	0.12	0.00	0.00	0.01	0.09
			65	0.15	0.12	0.00	0.00	0.00	0.03
		9.2	65	0.15	0.14	0.00	0.00	0.00	0.03
			62	0.15	0.14	0.00	0.00	0.00	0.04
		9.3	62	0.37	0.21	0.00	0.00	0.00	0.13
			48	0.37	0.21	0.00	0.00	0.00	0.02
		9.4	48	0.37	0.22	0.00	0.00	0.00	0.02
			42	0.37	0.22	0.00	0.00	0.00	0.08
		9.5	42	0.37	0.22	0.00	0.00	0.00	0.08
			15	0.37	0.22	0.00	0.00	0.00	0.19
10	1	10.1	82	-0.57	-0.12	0.02	0.00	-0.04	0.06
			68	-0.62	-0.12	0.02	0.00	-0.02	0.01
		10.2	68	-0.62	-0.12	0.02	0.00	-0.02	0.01
			61	-0.68	-0.12	0.02	0.00	-0.01	-0.05
		10.3	61	-0.92	-0.14	0.01	0.00	-0.01	0.08
			47	-0.97	-0.14	0.01	0.00	-0.01	0.00
		10.4	47	-0.97	-0.14	0.01	0.00	-0.01	0.00
			41	-1.03	-0.14	0.01	0.00	0.00	-0.06
		10.5	41	-1.03	-0.14	0.01	0.00	0.00	-0.06
			14	-1.09	-0.14	0.01	0.00	0.01	-0.13
	2	10.1	82	-0.22	-0.01	0.01	0.00	-0.03	0.01

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			68	-0.22	-0.01	0.01	0.00	-0.02	0.00
		10.2	68	-0.22	-0.01	0.01	0.00	-0.02	0.00
			61	-0.22	-0.01	0.01	0.00	-0.02	-0.01
		10.3	61	-0.24	-0.02	0.01	0.00	-0.01	0.01
			47	-0.24	-0.02	0.01	0.00	-0.01	0.00
		10.4	47	-0.24	-0.02	0.01	0.00	-0.01	0.00
			41	-0.24	-0.02	0.01	0.00	0.00	-0.01
		10.5	41	-0.24	-0.02	0.01	0.00	0.00	-0.01
			14	-0.24	-0.02	0.01	0.00	0.01	-0.02
	3	10.1	82	-0.51	-0.19	0.03	0.01	-0.02	0.11
			68	-0.51	-0.19	0.03	0.01	-0.01	0.01
		10.2	68	-0.51	-0.19	0.03	0.01	-0.01	0.01
			61	-0.51	-0.19	0.03	0.01	0.01	-0.08
		10.3	61	-0.82	-0.26	0.00	0.02	0.00	0.14
			47	-0.82	-0.26	0.00	0.02	0.00	0.00
		10.4	47	-0.82	-0.26	0.00	0.02	0.00	0.00
			41	-0.82	-0.26	0.00	0.02	0.00	-0.12
		10.5	41	-0.82	-0.26	0.00	0.02	0.00	-0.12
			14	-0.82	-0.26	0.00	0.02	0.00	-0.25
	4	10.1	82	-0.13	0.04	-0.77	0.09	0.02	-0.03
			68	-0.13	0.04	-0.77	0.09	-0.36	-0.01
		10.2	68	-0.13	0.04	-0.77	0.09	-0.36	-0.01
			61	-0.13	0.04	-0.77	0.09	-0.72	0.01
		10.3	61	-0.12	0.00	0.57	-0.07	-0.69	0.00
			47	-0.12	0.00	0.57	-0.07	-0.40	0.00
		10.4	47	-0.12	0.00	0.57	-0.07	-0.40	0.00
			41	-0.12	0.00	0.57	-0.07	-0.12	0.00
		10.5	41	-0.12	0.00	0.57	-0.07	-0.12	0.00
			14	-0.12	0.00	0.57	-0.07	0.16	0.00
	7	10.1	82	-0.01	-0.01	0.02	0.01	-0.01	0.00
			68	-0.01	-0.01	0.02	0.01	-0.01	0.00
		10.2	68	-0.01	-0.01	0.02	0.01	-0.01	0.00
			61	-0.01	-0.01	0.02	0.01	0.00	-0.01
		10.3	61	0.00	0.02	0.01	0.04	-0.01	-0.01
			47	0.00	0.02	0.01	0.04	0.00	0.00
		10.4	47	0.00	0.02	0.01	0.04	0.00	0.00
			41	0.00	0.02	0.01	0.04	0.00	0.01
		10.5	41	0.00	0.02	0.01	0.04	0.00	0.01
			14	0.00	0.02	0.01	0.04	0.01	0.02
	9	10.1	82	-0.19	-0.01	0.01	0.00	-0.02	0.01
			68	-0.19	-0.01	0.01	0.00	-0.02	0.00
		10.2	68	-0.19	-0.01	0.01	0.00	-0.02	0.00
			61	-0.19	-0.01	0.01	0.00	-0.01	0.00
		10.3	61	-0.21	-0.02	0.01	0.00	-0.01	0.01
			47	-0.21	-0.02	0.01	0.00	-0.01	0.00
		10.4	47	-0.21	-0.02	0.01	0.00	-0.01	0.00
			41	-0.21	-0.02	0.01	0.00	0.00	-0.01
		10.5	41	-0.21	-0.02	0.01	0.00	0.00	-0.01
			14	-0.21	-0.02	0.01	0.00	0.00	-0.02
	11	10.1	82	0.38	0.04	-0.16	0.01	0.22	-0.02
			68	0.38	0.04	-0.16	0.01	0.14	0.00
		10.2	68	0.38	0.04	-0.16	0.01	0.14	0.00
			61	0.38	0.04	-0.16	0.01	0.07	0.02
		10.3	61	0.45	0.05	-0.09	-0.01	0.05	-0.03
			47	0.45	0.05	-0.09	-0.01	0.00	0.00
		10.4	47	0.45	0.05	-0.09	-0.01	0.00	0.00
			41	0.45	0.05	-0.09	-0.01	-0.04	0.02
		10.5	41	0.45	0.05	-0.09	-0.01	-0.04	0.02
			14	0.45	0.05	-0.09	-0.01	-0.09	0.05
	13	10.1	82	-0.38	-0.04	0.14	-0.01	-0.19	0.02
			68	-0.38	-0.04	0.14	-0.01	-0.12	0.00
		10.2	68	-0.38	-0.04	0.14	-0.01	-0.12	0.00
			61	-0.38	-0.04	0.14	-0.01	-0.05	-0.02
		10.3	61	-0.45	-0.05	0.08	0.01	-0.04	0.03
			47	-0.45	-0.05	0.08	0.01	0.00	0.00
		10.4	47	-0.45	-0.05	0.08	0.01	0.00	0.00
			41	-0.45	-0.05	0.08	0.01	0.04	-0.02

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		10.5	41	-0.45	-0.05	0.08	0.01	0.04	-0.02
			14	-0.45	-0.05	0.08	0.01	0.08	-0.05
	5 (CQC)	10.1	82	0.83	0.09	0.22	0.02	0.35	0.05
			68	0.83	0.09	0.22	0.02	0.24	0.01
		10.2	68	0.83	0.09	0.24	0.02	0.24	0.01
			61	0.83	0.09	0.24	0.02	0.13	0.04
		10.3	61	0.97	0.11	0.17	0.02	0.11	0.06
			47	0.97	0.11	0.17	0.02	0.02	0.00
		10.4	47	0.97	0.11	0.18	0.02	0.02	0.00
			41	0.97	0.11	0.18	0.02	0.07	0.05
		10.5	41	0.97	0.11	0.19	0.02	0.07	0.05
			14	0.97	0.11	0.19	0.02	0.16	0.11
	6 (CQC)	10.1	82	0.15	0.12	0.00	0.00	0.01	0.09
			68	0.15	0.12	0.00	0.00	0.00	0.03
		10.2	68	0.15	0.14	0.00	0.00	0.00	0.03
			61	0.15	0.14	0.00	0.00	0.00	0.04
		10.3	61	0.37	0.21	0.00	0.00	0.00	0.13
			47	0.37	0.21	0.00	0.00	0.00	0.02
		10.4	47	0.37	0.22	0.00	0.00	0.00	0.02
			41	0.37	0.22	0.00	0.00	0.00	0.08
		10.5	41	0.37	0.22	0.00	0.00	0.00	0.08
			14	0.37	0.22	0.00	0.00	0.00	0.19
11	1	11.1	82	0.24	0.22	-0.02	0.00	0.02	-0.11
			81	0.24	0.16	-0.02	0.00	0.01	-0.02
		11.2	81	0.24	0.16	-0.02	0.00	0.01	-0.02
			80	0.24	0.11	-0.02	0.00	0.01	0.05
		11.3	80	0.24	0.11	-0.02	0.00	0.01	0.05
			79	0.24	0.06	-0.02	0.00	0.00	0.09
		11.4	79	0.24	-0.06	0.02	0.00	0.00	0.09
			78	0.24	-0.11	0.02	0.00	0.01	0.05
		11.5	78	0.24	-0.11	0.02	0.00	0.01	0.05
			77	0.24	-0.16	0.02	0.00	0.01	-0.02
		11.6	77	0.24	-0.16	0.02	0.00	0.01	-0.02
			76	0.24	-0.22	0.02	0.00	0.02	-0.11
	2	11.1	82	0.05	0.02	-0.01	0.00	0.01	-0.01
			81	0.05	0.02	-0.01	0.00	0.00	0.00
		11.2	81	0.05	0.02	-0.01	0.00	0.00	0.00
			80	0.05	0.02	-0.01	0.00	0.00	0.01
		11.3	80	0.05	0.02	-0.01	0.00	0.00	0.01
			79	0.05	0.02	-0.01	0.00	0.00	0.02
		11.4	79	0.05	-0.02	0.01	0.00	0.00	0.02
			78	0.05	-0.02	0.01	0.00	0.00	0.01
		11.5	78	0.05	-0.02	0.01	0.00	0.00	0.01
			77	0.05	-0.02	0.01	0.00	0.00	0.00
		11.6	77	0.05	-0.02	0.01	0.00	0.00	0.00
			76	0.05	-0.02	0.01	0.00	0.01	-0.01
	3	11.1	82	0.37	0.26	-0.01	0.01	0.03	-0.17
			81	0.37	0.26	-0.01	0.01	0.02	-0.05
		11.2	81	0.37	0.26	-0.01	0.01	0.02	-0.05
			80	0.37	0.26	-0.01	0.01	0.02	0.08
		11.3	80	0.37	0.26	-0.01	0.01	0.02	0.08
			79	0.37	0.26	-0.01	0.01	0.01	0.20
		11.4	79	0.37	-0.26	0.01	-0.01	0.01	0.20
			78	0.37	-0.26	0.01	-0.01	0.02	0.08
		11.5	78	0.37	-0.26	0.01	-0.01	0.02	0.08
			77	0.37	-0.26	0.01	-0.01	0.02	-0.05
		11.6	77	0.37	-0.26	0.01	-0.01	0.02	-0.05
			76	0.37	-0.26	0.01	-0.01	0.03	-0.17
	4	11.1	82	0.33	0.02	-0.03	-0.04	0.00	-0.02
			81	0.33	0.02	-0.03	-0.04	-0.02	-0.01
		11.2	81	0.33	0.02	-0.03	-0.04	-0.02	-0.01
			80	0.33	0.02	-0.03	-0.04	-0.04	0.00
		11.3	80	0.33	0.02	-0.03	-0.04	-0.04	0.00
			79	0.33	0.02	-0.03	-0.04	-0.05	0.01
		11.4	79	0.33	-0.02	0.03	0.04	-0.05	0.01
			78	0.33	-0.02	0.03	0.04	-0.04	0.00
		11.5	78	0.33	-0.02	0.03	0.04	-0.04	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			77	0.33	-0.02	0.03	0.04	-0.02	-0.01
		11.6	77	0.33	-0.02	0.03	0.04	-0.02	-0.01
			76	0.33	-0.02	0.03	0.04	0.00	-0.02
	7	11.1	82	0.02	0.00	0.00	0.00	0.00	0.00
			81	0.02	0.00	0.00	0.00	0.00	0.00
		11.2	81	0.02	0.00	0.00	0.00	0.00	0.00
			80	0.02	0.00	0.00	0.00	0.00	0.00
		11.3	80	0.02	0.00	0.00	0.00	0.00	0.00
			79	0.02	0.00	0.00	0.00	0.00	0.00
		11.4	79	0.02	0.00	0.00	0.00	0.00	0.00
			78	0.02	0.00	0.00	0.00	0.00	0.00
		11.5	78	0.02	0.00	0.00	0.00	0.00	0.00
			77	0.02	0.00	0.00	0.00	0.00	0.00
		11.6	77	0.02	0.00	0.00	0.00	0.00	0.00
			76	0.02	0.00	0.00	0.00	0.00	0.00
	9	11.1	82	0.04	0.02	-0.01	0.00	0.00	-0.01
			81	0.04	0.02	-0.01	0.00	0.00	0.00
		11.2	81	0.04	0.02	-0.01	0.00	0.00	0.00
			80	0.04	0.02	-0.01	0.00	0.00	0.01
		11.3	80	0.04	0.02	-0.01	0.00	0.00	0.01
			79	0.04	0.02	-0.01	0.00	0.00	0.01
		11.4	79	0.04	-0.02	0.01	0.00	0.00	0.01
			78	0.04	-0.02	0.01	0.00	0.00	0.01
		11.5	78	0.04	-0.02	0.01	0.00	0.00	0.01
			77	0.04	-0.02	0.01	0.00	0.00	0.00
		11.6	77	0.04	-0.02	0.01	0.00	0.00	0.00
			76	0.04	-0.02	0.01	0.00	0.00	-0.01
	11	11.1	82	-0.04	-0.05	0.00	-0.01	-0.01	0.03
			81	-0.04	-0.05	0.00	-0.01	-0.01	0.01
		11.2	81	-0.04	-0.05	0.00	-0.01	-0.01	0.01
			80	-0.04	-0.05	0.00	-0.01	0.00	-0.02
		11.3	80	-0.04	-0.05	0.00	-0.01	0.00	-0.02
			79	-0.04	-0.05	0.00	-0.01	0.00	-0.04
		11.4	79	-0.04	0.05	0.00	0.01	0.00	-0.04
			78	-0.04	0.05	0.00	0.01	0.00	-0.02
		11.5	78	-0.04	0.05	0.00	0.01	0.00	-0.02
			77	-0.04	0.05	0.00	0.01	-0.01	0.01
		11.6	77	-0.04	0.05	0.00	0.01	-0.01	0.01
			76	-0.04	0.05	0.00	0.01	-0.01	0.03
	13	11.1	82	0.02	0.05	0.00	0.01	0.01	-0.03
			81	0.02	0.05	0.00	0.01	0.01	-0.01
		11.2	81	0.02	0.05	0.00	0.01	0.01	-0.01
			80	0.02	0.05	0.00	0.01	0.01	0.02
		11.3	80	0.02	0.05	0.00	0.01	0.01	0.02
			79	0.02	0.05	0.00	0.01	0.01	0.04
		11.4	79	0.02	-0.05	0.00	-0.01	0.01	0.04
			78	0.02	-0.05	0.00	-0.01	0.01	0.02
		11.5	78	0.02	-0.05	0.00	-0.01	0.01	0.02
			77	0.02	-0.05	0.00	-0.01	0.01	-0.01
		11.6	77	0.02	-0.05	0.00	-0.01	0.01	-0.01
			76	0.02	-0.05	0.00	-0.01	0.01	-0.03
	5 (CQC)	11.1	82	0.08	0.11	0.02	0.02	0.01	0.07
			81	0.08	0.11	0.02	0.02	0.01	0.02
		11.2	81	0.08	0.11	0.01	0.02	0.01	0.02
			80	0.08	0.11	0.01	0.02	0.01	0.03
		11.3	80	0.08	0.11	0.04	0.02	0.01	0.03
			79	0.08	0.11	0.04	0.02	0.03	0.09
		11.4	79	0.08	0.11	0.04	0.02	0.03	0.09
			78	0.08	0.11	0.04	0.02	0.01	0.03
		11.5	78	0.08	0.11	0.01	0.02	0.01	0.03
			77	0.08	0.11	0.01	0.02	0.01	0.02
		11.6	77	0.08	0.11	0.02	0.02	0.01	0.02
			76	0.08	0.11	0.02	0.02	0.01	0.07
	6 (CQC)	11.1	82	0.03	0.10	0.01	0.00	0.00	0.08
			81	0.03	0.10	0.01	0.00	0.00	0.03
		11.2	81	0.01	0.10	0.01	0.00	0.00	0.03
			80	0.01	0.10	0.01	0.00	0.00	0.02

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		11.3	80	0.01	0.10	0.01	0.00	0.00	0.02
			79	0.01	0.10	0.01	0.00	0.01	0.07
		11.4	79	0.01	0.10	0.01	0.00	0.01	0.07
			78	0.01	0.10	0.01	0.00	0.00	0.02
		11.5	78	0.01	0.10	0.01	0.00	0.00	0.02
			77	0.01	0.10	0.01	0.00	0.00	0.03
		11.6	77	0.03	0.10	0.01	0.00	0.00	0.03
			76	0.03	0.10	0.01	0.00	0.00	0.08
12	1	12.1	56	-0.02	-0.08	0.01	0.00	-0.01	0.10
			54	-0.02	-0.13	0.01	0.00	-0.01	0.05
		12.2	54	-0.02	-0.13	0.01	0.00	-0.01	0.05
			52	-0.02	-0.19	0.01	0.00	0.00	-0.03
		12.3	52	-0.02	-0.19	0.01	0.00	0.00	-0.03
			50	-0.02	-0.24	0.01	0.00	0.00	-0.13
	2	12.1	56	-0.01	-0.02	0.00	0.00	0.00	0.02
			54	-0.01	-0.02	0.00	0.00	0.00	0.01
		12.2	54	-0.01	-0.02	0.00	0.00	0.00	0.01
			52	-0.01	-0.02	0.00	0.00	0.00	-0.01
		12.3	52	-0.01	-0.02	0.00	0.00	0.00	-0.01
			50	-0.01	-0.02	0.00	0.00	0.00	-0.02
	3	12.1	56	-0.07	-0.31	0.03	0.00	-0.04	0.23
			54	-0.07	-0.31	0.03	0.00	-0.02	0.08
		12.2	54	-0.07	-0.31	0.03	0.00	-0.02	0.08
			52	-0.07	-0.31	0.03	0.00	-0.01	-0.07
		12.3	52	-0.07	-0.31	0.03	0.00	-0.01	-0.07
			50	-0.07	-0.31	0.03	0.00	0.01	-0.22
	4	12.1	56	-0.04	0.01	1.50	0.02	-0.27	0.00
			54	-0.04	0.01	0.56	0.02	0.21	0.00
		12.2	54	-0.04	0.01	0.56	0.02	0.21	0.00
			52	-0.04	0.01	-0.39	0.02	0.25	0.00
		12.3	52	-0.04	0.01	-0.39	0.02	0.25	0.00
			50	-0.04	0.01	-1.34	0.02	-0.16	0.00
	7	12.1	56	0.02	0.01	0.00	-0.01	0.02	0.00
			54	0.02	0.01	0.00	-0.01	0.02	0.00
		12.2	54	0.02	0.01	0.00	-0.01	0.02	0.00
			52	0.02	0.01	0.00	-0.01	0.02	0.00
		12.3	52	0.02	0.01	0.00	-0.01	0.02	0.00
			50	0.02	0.01	0.00	-0.01	0.02	0.01
	9	12.1	56	0.00	-0.01	0.00	0.00	0.00	0.01
			54	0.00	-0.01	0.00	0.00	0.00	0.00
		12.2	54	0.00	-0.01	0.00	0.00	0.00	0.00
			52	0.00	-0.01	0.00	0.00	0.00	0.00
		12.3	52	0.00	-0.01	0.00	0.00	0.00	0.00
			50	0.00	-0.01	0.00	0.00	0.00	-0.01
	11	12.1	56	-0.01	-0.06	0.06	0.01	-0.07	0.05
			54	-0.01	-0.06	0.06	0.01	-0.04	0.02
		12.2	54	-0.01	-0.06	0.06	0.01	-0.04	0.02
			52	-0.01	-0.06	0.06	0.01	-0.01	-0.01
		12.3	52	-0.01	-0.06	0.06	0.01	-0.01	-0.01
			50	-0.01	-0.06	0.06	0.01	0.02	-0.04
	13	12.1	56	0.01	0.06	-0.06	-0.01	0.07	-0.05
			54	0.01	0.06	-0.06	-0.01	0.04	-0.02
		12.2	54	0.01	0.06	-0.06	-0.01	0.04	-0.02
			52	0.01	0.06	-0.06	-0.01	0.01	0.01
		12.3	52	0.01	0.06	-0.06	-0.01	0.01	0.01
			50	0.01	0.06	-0.06	-0.01	-0.02	0.04
	5 (CQC)	12.1	56	0.02	0.14	0.14	0.02	0.13	0.10
			54	0.02	0.14	0.14	0.02	0.06	0.03
		12.2	54	0.02	0.14	0.12	0.02	0.06	0.03
			52	0.02	0.14	0.12	0.02	0.01	0.03
		12.3	52	0.02	0.14	0.10	0.02	0.01	0.03
			50	0.02	0.14	0.10	0.02	0.04	0.09
	6 (CQC)	12.1	56	0.02	0.22	0.00	0.00	0.00	0.14
			54	0.02	0.22	0.00	0.00	0.00	0.04
		12.2	54	0.03	0.22	0.00	0.00	0.00	0.04
			52	0.03	0.22	0.00	0.00	0.00	0.06
		12.3	52	0.05	0.22	0.00	0.00	0.00	0.06

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			50	0.05	0.22	0.00	0.00	0.00	0.17
13	1	13.1	55	-0.02	-0.08	-0.01	0.00	0.01	0.10
			53	-0.02	-0.13	-0.01	0.00	0.01	0.05
		13.2	53	-0.02	-0.13	-0.01	0.00	0.01	0.05
			51	-0.02	-0.19	-0.01	0.00	0.00	-0.03
		13.3	51	-0.02	-0.19	-0.01	0.00	0.00	-0.03
			49	-0.02	-0.24	-0.01	0.00	0.00	-0.13
	2	13.1	55	-0.01	-0.02	0.00	0.00	0.00	0.02
			53	-0.01	-0.02	0.00	0.00	0.00	0.01
		13.2	53	-0.01	-0.02	0.00	0.00	0.00	0.01
			51	-0.01	-0.02	0.00	0.00	0.00	-0.01
		13.3	51	-0.01	-0.02	0.00	0.00	0.00	-0.01
			49	-0.01	-0.02	0.00	0.00	0.00	-0.02
	3	13.1	55	-0.07	-0.31	-0.03	0.00	0.04	0.22
			53	-0.07	-0.31	-0.03	0.00	0.02	0.08
		13.2	53	-0.07	-0.31	-0.03	0.00	0.02	0.08
			51	-0.07	-0.31	-0.03	0.00	0.01	-0.07
		13.3	51	-0.07	-0.31	-0.03	0.00	0.01	-0.07
			49	-0.07	-0.31	-0.03	0.00	-0.01	-0.21
	4	13.1	55	-0.04	0.01	-1.50	-0.02	0.27	0.00
			53	-0.04	0.01	-0.56	-0.02	-0.21	0.00
		13.2	53	-0.04	0.01	-0.56	-0.02	-0.21	0.00
			51	-0.04	0.01	0.39	-0.02	-0.25	0.00
		13.3	51	-0.04	0.01	0.39	-0.02	-0.25	0.00
			49	-0.04	0.01	1.34	-0.02	0.16	0.00
	7	13.1	55	0.02	0.01	0.00	0.01	-0.02	0.00
			53	0.02	0.01	0.00	0.01	-0.02	0.00
		13.2	53	0.02	0.01	0.00	0.01	-0.02	0.00
			51	0.02	0.01	0.00	0.01	-0.02	0.00
		13.3	51	0.02	0.01	0.00	0.01	-0.02	0.00
			49	0.02	0.01	0.00	0.01	-0.02	0.01
	9	13.1	55	0.00	-0.02	0.00	0.00	0.00	0.01
			53	0.00	-0.02	0.00	0.00	0.00	0.01
		13.2	53	0.00	-0.02	0.00	0.00	0.00	0.01
			51	0.00	-0.02	0.00	0.00	0.00	0.00
		13.3	51	0.00	-0.02	0.00	0.00	0.00	0.00
			49	0.00	-0.02	0.00	0.00	0.00	-0.01
	11	13.1	55	0.01	0.06	0.06	0.01	-0.07	-0.05
			53	0.01	0.06	0.06	0.01	-0.04	-0.02
		13.2	53	0.01	0.06	0.06	0.01	-0.04	-0.02
			51	0.01	0.06	0.06	0.01	-0.01	0.01
		13.3	51	0.01	0.06	0.06	0.01	-0.01	0.01
			49	0.01	0.06	0.06	0.01	0.02	0.04
	13	13.1	55	-0.01	-0.06	-0.06	-0.01	0.07	0.05
			53	-0.01	-0.06	-0.06	-0.01	0.04	0.02
		13.2	53	-0.01	-0.06	-0.06	-0.01	0.04	0.02
			51	-0.01	-0.06	-0.06	-0.01	0.01	-0.01
		13.3	51	-0.01	-0.06	-0.06	-0.01	0.01	-0.01
			49	-0.01	-0.06	-0.06	-0.01	-0.02	-0.04
	5 (CQC)	13.1	55	0.02	0.14	0.14	0.02	0.13	0.10
			53	0.02	0.14	0.14	0.02	0.06	0.03
		13.2	53	0.02	0.14	0.12	0.02	0.06	0.03
			51	0.02	0.14	0.12	0.02	0.01	0.03
		13.3	51	0.02	0.14	0.10	0.02	0.01	0.03
			49	0.02	0.14	0.10	0.02	0.04	0.09
	6 (CQC)	13.1	55	0.02	0.22	0.00	0.00	0.00	0.14
			53	0.02	0.22	0.00	0.00	0.00	0.04
		13.2	53	0.03	0.22	0.00	0.00	0.00	0.04
			51	0.03	0.22	0.00	0.00	0.00	0.06
		13.3	51	0.05	0.22	0.00	0.00	0.00	0.06
			49	0.05	0.22	0.00	0.00	0.00	0.17
14	1	14.1	61	-0.02	0.24	0.01	0.00	0.00	-0.13
			59	-0.02	0.19	0.01	0.00	0.00	-0.03
		14.2	59	-0.02	0.19	0.01	0.00	0.00	-0.03
			57	-0.02	0.13	0.01	0.00	0.01	0.05
		14.3	57	-0.02	0.13	0.01	0.00	0.01	0.05
			55	-0.02	0.08	0.01	0.00	0.01	0.10

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	2	14.1	61	-0.01	0.02	0.00	0.00	0.00	-0.02
			59	-0.01	0.02	0.00	0.00	0.00	-0.01
		14.2	59	-0.01	0.02	0.00	0.00	0.00	-0.01
			57	-0.01	0.02	0.00	0.00	0.00	0.01
		14.3	57	-0.01	0.02	0.00	0.00	0.00	0.01
			55	-0.01	0.02	0.00	0.00	0.00	0.02
	3	14.1	61	-0.07	0.31	0.03	0.00	-0.01	-0.21
			59	-0.07	0.31	0.03	0.00	0.01	-0.07
		14.2	59	-0.07	0.31	0.03	0.00	0.01	-0.07
			57	-0.07	0.31	0.03	0.00	0.02	0.08
		14.3	57	-0.07	0.31	0.03	0.00	0.02	0.08
			55	-0.07	0.31	0.03	0.00	0.04	0.22
	4	14.1	61	-0.04	-0.01	-1.34	0.02	0.16	0.00
			59	-0.04	-0.01	-0.39	0.02	-0.25	0.00
		14.2	59	-0.04	-0.01	-0.39	0.02	-0.25	0.00
			57	-0.04	-0.01	0.56	0.02	-0.21	0.00
		14.3	57	-0.04	-0.01	0.56	0.02	-0.21	0.00
			55	-0.04	-0.01	1.50	0.02	0.27	0.00
	7	14.1	61	0.03	-0.01	0.01	-0.01	-0.02	0.01
			59	0.03	-0.01	0.01	-0.01	-0.02	0.00
		14.2	59	0.03	-0.01	0.01	-0.01	-0.02	0.00
			57	0.03	-0.01	0.01	-0.01	-0.02	0.00
		14.3	57	0.03	-0.01	0.01	-0.01	-0.02	0.00
			55	0.03	-0.01	0.01	-0.01	-0.02	0.00
	9	14.1	61	0.00	0.02	0.00	0.00	0.00	-0.01
			59	0.00	0.02	0.00	0.00	0.00	0.00
		14.2	59	0.00	0.02	0.00	0.00	0.00	0.00
			57	0.00	0.02	0.00	0.00	0.00	0.01
		14.3	57	0.00	0.02	0.00	0.00	0.00	0.01
			55	0.00	0.02	0.00	0.00	0.00	0.01
	11	14.1	61	0.01	-0.06	-0.06	-0.01	0.02	0.04
			59	0.01	-0.06	-0.06	-0.01	-0.01	0.01
		14.2	59	0.01	-0.06	-0.06	-0.01	-0.01	0.01
			57	0.01	-0.06	-0.06	-0.01	-0.04	-0.02
		14.3	57	0.01	-0.06	-0.06	-0.01	-0.04	-0.02
			55	0.01	-0.06	-0.06	-0.01	-0.07	-0.05
	13	14.1	61	-0.01	0.06	0.06	0.01	-0.02	-0.04
			59	-0.01	0.06	0.06	0.01	0.01	-0.01
		14.2	59	-0.01	0.06	0.06	0.01	0.01	-0.01
			57	-0.01	0.06	0.06	0.01	0.04	0.02
		14.3	57	-0.01	0.06	0.06	0.01	0.04	0.02
			55	-0.01	0.06	0.06	0.01	0.07	0.05
	5 (CQC)	14.1	61	0.02	0.14	0.10	0.02	0.04	0.09
			59	0.02	0.14	0.10	0.02	0.01	0.03
		14.2	59	0.02	0.14	0.12	0.02	0.01	0.03
			57	0.02	0.14	0.12	0.02	0.06	0.03
		14.3	57	0.02	0.14	0.14	0.02	0.06	0.03
			55	0.02	0.14	0.14	0.02	0.13	0.10
	6 (CQC)	14.1	61	0.05	0.22	0.00	0.00	0.00	0.17
			59	0.05	0.22	0.00	0.00	0.00	0.06
		14.2	59	0.03	0.22	0.00	0.00	0.00	0.06
			57	0.03	0.22	0.00	0.00	0.00	0.04
		14.3	57	0.02	0.22	0.00	0.00	0.00	0.04
			55	0.02	0.22	0.00	0.00	0.00	0.14
15	1	15.1	62	-0.02	0.24	-0.01	0.00	0.00	-0.13
			60	-0.02	0.19	-0.01	0.00	0.00	-0.03
		15.2	60	-0.02	0.19	-0.01	0.00	0.00	-0.03
			58	-0.02	0.13	-0.01	0.00	-0.01	0.05
		15.3	58	-0.02	0.13	-0.01	0.00	-0.01	0.05
			56	-0.02	0.08	-0.01	0.00	-0.01	0.10
	2	15.1	62	-0.01	0.02	0.00	0.00	0.00	-0.02
			60	-0.01	0.02	0.00	0.00	0.00	-0.01
		15.2	60	-0.01	0.02	0.00	0.00	0.00	-0.01
			58	-0.01	0.02	0.00	0.00	0.00	0.01
		15.3	58	-0.01	0.02	0.00	0.00	0.00	0.01
			56	-0.01	0.02	0.00	0.00	0.00	0.02
	3	15.1	62	-0.07	0.31	-0.03	0.00	0.01	-0.22

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			60	-0.07	0.31	-0.03	0.00	-0.01	-0.07
		15.2	60	-0.07	0.31	-0.03	0.00	-0.01	-0.07
			58	-0.07	0.31	-0.03	0.00	-0.02	0.08
		15.3	58	-0.07	0.31	-0.03	0.00	-0.02	0.08
			56	-0.07	0.31	-0.03	0.00	-0.04	0.23
	4	15.1	62	-0.04	-0.01	1.34	-0.02	-0.16	0.00
			60	-0.04	-0.01	0.39	-0.02	0.25	0.00
		15.2	60	-0.04	-0.01	0.39	-0.02	0.25	0.00
			58	-0.04	-0.01	-0.56	-0.02	0.21	0.00
		15.3	58	-0.04	-0.01	-0.56	-0.02	0.21	0.00
			56	-0.04	-0.01	-1.50	-0.02	-0.27	0.00
	7	15.1	62	0.03	-0.01	-0.01	0.01	0.03	0.01
			60	0.03	-0.01	-0.01	0.01	0.02	0.00
		15.2	60	0.03	-0.01	-0.01	0.01	0.02	0.00
			58	0.03	-0.01	-0.01	0.01	0.02	0.00
		15.3	58	0.03	-0.01	-0.01	0.01	0.02	0.00
			56	0.03	-0.01	-0.01	0.01	0.02	0.00
	9	15.1	62	0.00	0.01	0.00	0.00	0.00	-0.01
			60	0.00	0.01	0.00	0.00	0.00	0.00
		15.2	60	0.00	0.01	0.00	0.00	0.00	0.00
			58	0.00	0.01	0.00	0.00	0.00	0.00
		15.3	58	0.00	0.01	0.00	0.00	0.00	0.00
			56	0.00	0.01	0.00	0.00	0.00	0.01
	11	15.1	62	-0.01	0.06	-0.06	-0.01	0.02	-0.04
			60	-0.01	0.06	-0.06	-0.01	-0.01	-0.01
		15.2	60	-0.01	0.06	-0.06	-0.01	-0.01	-0.01
			58	-0.01	0.06	-0.06	-0.01	-0.04	0.02
		15.3	58	-0.01	0.06	-0.06	-0.01	-0.04	0.02
			56	-0.01	0.06	-0.06	-0.01	-0.07	0.05
	13	15.1	62	0.01	-0.06	0.06	0.01	-0.02	0.04
			60	0.01	-0.06	0.06	0.01	0.01	0.01
		15.2	60	0.01	-0.06	0.06	0.01	0.01	0.01
			58	0.01	-0.06	0.06	0.01	0.04	-0.02
		15.3	58	0.01	-0.06	0.06	0.01	0.04	-0.02
			56	0.01	-0.06	0.06	0.01	0.07	-0.05
	5 (CQC)	15.1	62	0.02	0.14	0.10	0.02	0.04	0.09
			60	0.02	0.14	0.10	0.02	0.01	0.03
		15.2	60	0.02	0.14	0.12	0.02	0.01	0.03
			58	0.02	0.14	0.12	0.02	0.06	0.03
		15.3	58	0.02	0.14	0.14	0.02	0.06	0.03
			56	0.02	0.14	0.14	0.02	0.13	0.10
	6 (CQC)	15.1	62	0.05	0.22	0.00	0.00	0.00	0.17
			60	0.05	0.22	0.00	0.00	0.00	0.06
		15.2	60	0.03	0.22	0.00	0.00	0.00	0.06
			58	0.03	0.22	0.00	0.00	0.00	0.04
		15.3	58	0.02	0.22	0.00	0.00	0.00	0.04
			56	0.02	0.22	0.00	0.00	0.00	0.14
16	1	16.1	75	0.24	0.22	0.02	0.00	-0.02	-0.11
			70	0.24	0.16	0.02	0.00	-0.01	-0.02
		16.2	70	0.24	0.16	0.02	0.00	-0.01	-0.02
			69	0.24	0.11	0.02	0.00	-0.01	0.05
		16.3	69	0.24	0.11	0.02	0.00	-0.01	0.05
			74	0.24	0.06	0.02	0.00	0.00	0.09
		16.4	74	0.24	-0.06	-0.02	0.00	0.00	0.09
			73	0.24	-0.11	-0.02	0.00	-0.01	0.05
		16.5	73	0.24	-0.11	-0.02	0.00	-0.01	0.05
			72	0.24	-0.16	-0.02	0.00	-0.01	-0.02
		16.6	72	0.24	-0.16	-0.02	0.00	-0.01	-0.02
			71	0.24	-0.22	-0.02	0.00	-0.02	-0.11
	2	16.1	75	0.05	0.02	0.01	0.00	-0.01	-0.01
			70	0.05	0.02	0.01	0.00	0.00	0.00
		16.2	70	0.05	0.02	0.01	0.00	0.00	0.00
			69	0.05	0.02	0.01	0.00	0.00	0.01
		16.3	69	0.05	0.02	0.01	0.00	0.00	0.01
			74	0.05	0.02	0.01	0.00	0.00	0.02
		16.4	74	0.05	-0.02	-0.01	0.00	0.00	0.02
			73	0.05	-0.02	-0.01	0.00	0.00	0.01

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		16.5	73	0.05	-0.02	-0.01	0.00	0.00	0.01
			72	0.05	-0.02	-0.01	0.00	0.00	0.00
		16.6	72	0.05	-0.02	-0.01	0.00	0.00	0.00
			71	0.05	-0.02	-0.01	0.00	-0.01	-0.01
	3	16.1	75	0.37	0.26	0.01	-0.01	-0.03	-0.17
			70	0.37	0.26	0.01	-0.01	-0.02	-0.05
		16.2	70	0.37	0.26	0.01	-0.01	-0.02	-0.05
			69	0.37	0.26	0.01	-0.01	-0.02	0.08
		16.3	69	0.37	0.26	0.01	-0.01	-0.02	0.08
			74	0.37	0.26	0.01	-0.01	-0.01	0.20
		16.4	74	0.37	-0.26	-0.01	0.01	-0.01	0.20
			73	0.37	-0.26	-0.01	0.01	-0.02	0.08
		16.5	73	0.37	-0.26	-0.01	0.01	-0.02	0.08
			72	0.37	-0.26	-0.01	0.01	-0.02	-0.05
		16.6	72	0.37	-0.26	-0.01	0.01	-0.02	-0.05
			71	0.37	-0.26	-0.01	0.01	-0.03	-0.17
	4	16.1	75	0.33	0.02	0.03	0.04	0.00	-0.02
			70	0.33	0.02	0.03	0.04	0.02	-0.01
		16.2	70	0.33	0.02	0.03	0.04	0.02	-0.01
			69	0.33	0.02	0.03	0.04	0.04	0.00
		16.3	69	0.33	0.02	0.03	0.04	0.04	0.00
			74	0.33	0.02	0.03	0.04	0.05	0.01
		16.4	74	0.33	-0.02	-0.03	-0.04	0.05	0.01
			73	0.33	-0.02	-0.03	-0.04	0.04	0.00
		16.5	73	0.33	-0.02	-0.03	-0.04	0.04	0.00
			72	0.33	-0.02	-0.03	-0.04	0.02	-0.01
		16.6	72	0.33	-0.02	-0.03	-0.04	0.02	-0.01
			71	0.33	-0.02	-0.03	-0.04	0.00	-0.02
	7	16.1	75	0.02	0.00	0.00	0.00	0.01	0.00
			70	0.02	0.00	0.00	0.00	0.00	0.00
		16.2	70	0.02	0.00	0.00	0.00	0.00	0.00
			69	0.02	0.00	0.00	0.00	0.00	0.00
		16.3	69	0.02	0.00	0.00	0.00	0.00	0.00
			74	0.02	0.00	0.00	0.00	0.00	0.00
		16.4	74	0.03	0.00	0.00	0.00	0.00	0.00
			73	0.03	0.00	0.00	0.00	0.00	0.00
		16.5	73	0.03	0.00	0.00	0.00	0.00	0.00
			72	0.03	0.00	0.00	0.00	0.00	0.00
		16.6	72	0.03	0.00	0.00	0.00	0.00	0.00
			71	0.03	0.00	0.00	0.00	0.00	0.00
	9	16.1	75	0.03	0.01	0.01	0.00	0.00	-0.01
			70	0.03	0.01	0.01	0.00	0.00	0.00
		16.2	70	0.03	0.01	0.01	0.00	0.00	0.00
			69	0.03	0.01	0.01	0.00	0.00	0.00
		16.3	69	0.03	0.01	0.01	0.00	0.00	0.00
			74	0.03	0.01	0.01	0.00	0.00	0.01
		16.4	74	0.03	-0.01	-0.01	0.00	0.00	0.01
			73	0.03	-0.01	-0.01	0.00	0.00	0.00
		16.5	73	0.03	-0.01	-0.01	0.00	0.00	0.00
			72	0.03	-0.01	-0.01	0.00	0.00	0.00
		16.6	72	0.03	-0.01	-0.01	0.00	0.00	0.00
			71	0.03	-0.01	-0.01	0.00	0.00	-0.01
	11	16.1	75	0.02	0.05	0.00	-0.01	-0.01	-0.03
			70	0.02	0.05	0.00	-0.01	-0.01	-0.01
		16.2	70	0.02	0.05	0.00	-0.01	-0.01	-0.01
			69	0.02	0.05	0.00	-0.01	-0.01	0.02
		16.3	69	0.02	0.05	0.00	-0.01	-0.01	0.02
			74	0.02	0.05	0.00	-0.01	-0.01	0.04
		16.4	74	0.02	-0.05	0.00	0.01	-0.01	0.04
			73	0.02	-0.05	0.00	0.01	-0.01	0.02
		16.5	73	0.02	-0.05	0.00	0.01	-0.01	0.02
			72	0.02	-0.05	0.00	0.01	-0.01	-0.01
		16.6	72	0.02	-0.05	0.00	0.01	-0.01	-0.01
			71	0.02	-0.05	0.00	0.01	-0.01	-0.03
	13	16.1	75	-0.04	-0.05	0.00	0.01	0.01	0.03
			70	-0.04	-0.05	0.00	0.01	0.01	0.01
		16.2	70	-0.04	-0.05	0.00	0.01	0.01	0.01

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			69	-0.04	-0.05	0.00	0.01	0.00	-0.02
		16.3	69	-0.04	-0.05	0.00	0.01	0.00	-0.02
			74	-0.04	-0.05	0.00	0.01	0.00	-0.04
		16.4	74	-0.04	0.05	0.00	-0.01	0.00	-0.04
			73	-0.04	0.05	0.00	-0.01	0.00	-0.02
		16.5	73	-0.04	0.05	0.00	-0.01	0.00	-0.02
			72	-0.04	0.05	0.00	-0.01	0.01	0.01
		16.6	72	-0.04	0.05	0.00	-0.01	0.01	0.01
			71	-0.04	0.05	0.00	-0.01	0.01	0.03
	5 (CQC)	16.1	75	0.08	0.11	0.02	0.02	0.01	0.07
			70	0.08	0.11	0.02	0.02	0.01	0.02
		16.2	70	0.08	0.11	0.01	0.02	0.01	0.02
			69	0.08	0.11	0.01	0.02	0.01	0.03
		16.3	69	0.08	0.11	0.04	0.02	0.01	0.03
			74	0.08	0.11	0.04	0.02	0.03	0.09
		16.4	74	0.08	0.11	0.04	0.02	0.03	0.09
			73	0.08	0.11	0.04	0.02	0.01	0.03
		16.5	73	0.08	0.11	0.01	0.02	0.01	0.03
			72	0.08	0.11	0.01	0.02	0.01	0.02
		16.6	72	0.08	0.11	0.02	0.02	0.01	0.02
			71	0.08	0.11	0.02	0.02	0.01	0.07
	6 (CQC)	16.1	75	0.03	0.10	0.01	0.00	0.00	0.08
			70	0.03	0.10	0.01	0.00	0.00	0.03
		16.2	70	0.01	0.10	0.01	0.00	0.00	0.03
			69	0.01	0.10	0.01	0.00	0.00	0.02
		16.3	69	0.01	0.10	0.01	0.00	0.00	0.02
			74	0.01	0.10	0.01	0.00	0.01	0.07
		16.4	74	0.01	0.10	0.01	0.00	0.01	0.07
			73	0.01	0.10	0.01	0.00	0.00	0.02
		16.5	73	0.01	0.10	0.01	0.00	0.00	0.02
			72	0.01	0.10	0.01	0.00	0.00	0.03
		16.6	72	0.03	0.10	0.01	0.00	0.00	0.03
			71	0.03	0.10	0.01	0.00	0.00	0.08
17	1	17.1	36	0.20	-0.14	-0.10	0.00	0.01	0.04
			35	0.20	-0.14	0.04	0.00	-0.01	-0.02
		17.2	35	-0.40	0.14	0.07	0.00	-0.01	-0.02
			34	-0.40	0.14	0.14	0.00	0.02	0.01
		17.3	34	0.00	0.07	-0.12	0.00	0.02	-0.01
			33	0.00	0.07	0.09	0.00	0.01	0.04
	2	17.1	36	0.00	0.00	-0.01	0.00	0.00	0.00
			35	0.00	0.00	-0.01	0.00	0.00	0.00
		17.2	35	0.00	0.00	-0.01	0.00	0.00	0.00
			34	0.00	0.00	-0.01	0.00	0.00	0.00
		17.3	34	0.00	0.00	0.01	0.00	0.00	0.00
			33	0.00	0.00	0.01	0.00	0.00	0.00
	3	17.1	36	2.08	-1.44	-0.07	0.00	0.00	0.42
			35	2.08	-1.44	-0.07	0.00	-0.03	-0.25
		17.2	35	-4.16	1.41	0.18	0.00	-0.03	-0.25
			34	-4.16	1.41	0.18	0.00	0.01	0.07
		17.3	34	0.00	0.79	-0.04	0.00	0.03	-0.12
			33	0.00	0.79	-0.04	0.00	0.00	0.43
	4	17.1	36	-0.03	-0.07	-0.33	0.00	0.15	0.03
			35	-0.03	-0.07	-0.33	0.00	0.00	0.00
		17.2	35	0.05	0.00	-0.33	0.00	0.00	0.00
			34	0.05	0.00	-0.33	0.00	-0.08	0.00
		17.3	34	0.00	0.05	0.33	0.00	-0.08	-0.01
			33	0.00	0.05	0.33	0.00	0.15	0.03
	7	17.1	36	-255.96	-3.43	0.08	0.00	0.01	2.02
			35	-255.96	-3.43	0.08	0.00	0.04	0.43
		17.2	35	-220.84	-4.06	-0.32	0.00	0.04	0.43
			34	-220.84	-4.06	-0.32	0.00	-0.03	-0.52
		17.3	34	-244.25	3.23	0.05	0.00	-0.03	-0.43
			33	-244.25	3.23	0.05	0.00	0.01	1.83
	9	17.1	36	0.00	0.00	-0.01	0.00	0.00	0.00
			35	0.00	0.00	-0.01	0.00	0.00	0.00
		17.2	35	0.00	0.00	-0.01	0.00	0.00	0.00
			34	0.00	0.00	-0.01	0.00	0.00	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		17.3	34	0.00	0.00	0.01	0.00	0.00	0.00
			33	0.00	0.00	0.01	0.00	0.00	0.00
	11	17.1	36	-0.02	0.00	-0.11	0.00	0.08	0.00
			35	-0.02	0.00	-0.11	0.00	0.03	0.00
		17.2	35	0.03	0.00	-0.11	0.00	0.03	0.00
			34	0.03	0.00	-0.11	0.00	0.00	0.00
		17.3	34	0.00	0.00	-0.12	0.00	0.00	0.00
			33	0.00	0.00	-0.12	0.00	-0.09	0.00
	13	17.1	36	0.02	0.00	0.12	0.00	-0.09	0.00
			35	0.02	0.00	0.12	0.00	-0.03	0.00
		17.2	35	-0.03	0.00	0.12	0.00	-0.03	0.00
			34	-0.03	0.00	0.12	0.00	0.00	0.00
		17.3	34	0.00	0.00	0.11	0.00	0.00	0.00
			33	0.00	0.00	0.11	0.00	0.08	0.00
	5 (CQC)	17.1	36	0.04	0.01	0.23	0.00	0.16	0.00
			35	0.04	0.01	0.23	0.00	0.05	0.00
		17.2	35	0.08	0.01	0.23	0.00	0.05	0.00
			34	0.08	0.01	0.23	0.00	0.00	0.00
		17.3	34	0.00	0.01	0.23	0.00	0.00	0.00
			33	0.00	0.01	0.23	0.00	0.16	0.00
	6 (CQC)	17.1	36	0.01	0.01	0.00	0.00	0.00	0.00
			35	0.01	0.01	0.00	0.00	0.00	0.00
		17.2	35	0.03	0.01	0.00	0.00	0.00	0.00
			34	0.03	0.01	0.00	0.00	0.00	0.00
		17.3	34	0.00	0.01	0.00	0.00	0.00	0.00
			33	0.00	0.01	0.00	0.00	0.00	0.00
18	1	18.1	13	0.10	0.00	-0.27	0.00	0.02	0.00
			11	0.10	0.00	-0.13	0.00	-0.07	0.00
		18.2	11	0.22	0.00	-0.04	0.00	-0.07	0.00
			26	0.22	0.00	0.03	0.00	-0.07	0.00
	2	18.1	13	0.01	0.00	0.06	0.00	0.02	0.00
			11	0.01	0.00	0.06	0.00	0.05	0.00
		18.2	11	-0.01	0.00	0.06	0.00	0.05	0.00
			26	-0.01	0.00	0.06	0.00	0.07	0.00
	3	18.1	13	0.89	0.01	-2.00	0.00	0.04	0.00
			11	0.89	0.01	-2.00	0.00	-0.89	0.00
		18.2	11	2.11	0.02	-1.11	0.00	-0.89	0.00
			26	2.11	0.02	-1.11	0.00	-1.15	0.00
	4	18.1	13	0.80	0.00	-0.25	0.00	1.18	0.00
			11	0.80	0.00	-0.25	0.00	1.07	0.00
		18.2	11	0.20	0.00	-0.24	0.00	1.07	0.00
			26	0.20	0.00	-0.24	0.00	1.01	0.00
	7	18.1	13	2.82	0.20	-0.04	0.00	0.00	-0.09
			11	2.82	0.20	-0.04	0.00	-0.02	0.00
		18.2	11	5.47	0.67	0.07	0.00	-0.02	0.00
			26	5.47	0.67	0.07	0.00	0.00	0.16
	9	18.1	13	0.01	0.00	0.04	0.00	0.02	0.00
			11	0.01	0.00	0.04	0.00	0.04	0.00
		18.2	11	0.00	0.00	0.04	0.00	0.04	0.00
			26	0.00	0.00	0.04	0.00	0.05	0.00
	11	18.1	13	0.06	0.00	-0.55	0.00	0.38	0.00
			11	0.06	0.00	-0.55	0.00	0.12	0.00
		18.2	11	0.02	0.00	-0.55	0.00	0.12	0.00
			26	0.02	0.00	-0.55	0.00	-0.01	0.00
	13	18.1	13	-0.08	0.00	0.56	0.00	-0.40	0.00
			11	-0.08	0.00	0.56	0.00	-0.14	0.00
		18.2	11	-0.03	0.00	0.56	0.00	-0.14	0.00
			26	-0.03	0.00	0.56	0.00	-0.01	0.00
	5 (CQC)	18.1	13	0.14	0.00	1.04	0.00	0.73	0.00
			11	0.14	0.00	1.04	0.00	0.24	0.00
		18.2	11	0.05	0.01	1.03	0.00	0.24	0.00
			26	0.05	0.01	1.03	0.00	0.00	0.00
	6 (CQC)	18.1	13	0.02	0.01	0.00	0.00	0.00	0.00
			11	0.02	0.01	0.00	0.00	0.00	0.00
		18.2	11	0.03	0.00	0.00	0.00	0.00	0.00
			26	0.03	0.00	0.00	0.00	0.00	0.00
19	1	19.1	26	-0.02	0.00	0.02	0.00	-0.07	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			12	-0.02	0.00	0.23	0.00	0.02	0.00
	2	19.1	26	0.01	0.00	-0.06	0.00	0.07	0.00
			12	0.01	0.00	-0.06	0.00	0.02	0.00
	3	19.1	26	-0.43	0.00	1.63	0.00	-1.10	0.00
			12	-0.43	0.00	1.63	0.00	0.04	0.00
	4	19.1	26	0.68	0.00	0.25	0.00	1.01	0.00
			12	0.68	0.00	0.25	0.00	1.18	0.00
	7	19.1	26	3.37	-0.33	0.02	0.00	-0.01	0.13
			12	3.37	-0.33	0.02	0.00	0.00	-0.10
	9	19.1	26	0.00	0.00	-0.05	0.00	0.05	0.00
			12	0.00	0.00	-0.05	0.00	0.02	0.00
	11	19.1	26	-0.06	0.00	-0.56	0.00	-0.01	0.00
			12	-0.06	0.00	-0.56	0.00	-0.40	0.00
	13	19.1	26	0.05	0.00	0.55	0.00	-0.01	0.00
			12	0.05	0.00	0.55	0.00	0.38	0.00
	5 (CQC)	19.1	26	0.12	0.01	1.04	0.00	0.00	0.00
			12	0.12	0.01	1.04	0.00	0.73	0.00
	6 (CQC)	19.1	26	0.02	0.01	0.00	0.00	0.00	0.00
			12	0.02	0.01	0.00	0.00	0.00	0.00
20	1	20.1	19	0.19	0.14	-0.10	0.00	0.01	-0.04
			18	0.19	0.14	0.04	0.00	-0.01	0.02
		20.2	18	-0.39	-0.13	0.07	0.00	-0.01	0.02
			17	-0.39	-0.13	0.14	0.00	0.02	-0.01
		20.3	17	0.00	-0.08	-0.12	0.00	0.02	0.01
			16	0.00	-0.08	0.09	0.00	0.01	-0.04
	2	20.1	19	0.00	0.00	-0.01	0.00	0.00	0.00
			18	0.00	0.00	-0.01	0.00	0.00	0.00
		20.2	18	0.00	0.00	-0.01	0.00	0.00	0.00
			17	0.00	0.00	-0.01	0.00	0.00	0.00
		20.3	17	0.00	0.00	0.01	0.00	0.00	0.00
			16	0.00	0.00	0.01	0.00	0.00	0.00
	3	20.1	19	2.03	1.47	-0.07	0.00	0.00	-0.43
			18	2.03	1.47	-0.07	0.00	-0.03	0.26
		20.2	18	-4.05	-1.36	0.17	0.00	-0.03	0.26
			17	-4.05	-1.36	0.17	0.00	0.01	-0.06
		20.3	17	0.00	-0.80	-0.04	0.00	0.03	0.13
			16	0.00	-0.80	-0.04	0.00	0.00	-0.44
	4	20.1	19	-0.04	0.08	-0.33	0.00	0.15	-0.03
			18	-0.04	0.08	-0.33	0.00	0.00	0.00
		20.2	18	0.08	0.02	-0.33	0.00	0.00	0.00
			17	0.08	0.02	-0.33	0.00	-0.08	0.01
		20.3	17	0.00	-0.06	0.33	0.00	-0.08	0.01
			16	0.00	-0.06	0.33	0.00	0.15	-0.03
	7	20.1	19	-258.61	4.50	0.09	0.00	0.01	-2.48
			18	-258.61	4.50	0.09	0.00	0.05	-0.38
		20.2	18	-215.53	8.53	-0.36	0.00	0.05	-0.38
			17	-215.53	8.53	-0.36	0.00	-0.03	1.61
		20.3	17	-244.25	-5.32	0.06	0.00	-0.03	1.34
			16	-244.25	-5.32	0.06	0.00	0.01	-2.38
	9	20.1	19	0.00	0.00	-0.01	0.00	0.00	0.00
			18	0.00	0.00	-0.01	0.00	0.00	0.00
		20.2	18	0.00	0.00	-0.01	0.00	0.00	0.00
			17	0.00	0.00	-0.01	0.00	0.00	0.00
		20.3	17	0.00	0.00	0.01	0.00	0.00	0.00
			16	0.00	0.00	0.01	0.00	0.00	0.00
	11	20.1	19	-0.03	0.00	-0.11	0.00	0.08	0.00
			18	-0.03	0.00	-0.11	0.00	0.03	0.00
		20.2	18	0.06	0.00	-0.11	0.00	0.03	0.00
			17	0.06	0.00	-0.11	0.00	0.00	0.00
		20.3	17	0.00	0.00	-0.12	0.00	0.00	0.00
			16	0.00	0.00	-0.12	0.00	-0.09	0.00
	13	20.1	19	0.03	0.00	0.12	0.00	-0.09	0.00
			18	0.03	0.00	0.12	0.00	-0.03	0.00
		20.2	18	-0.06	0.00	0.12	0.00	-0.03	0.00
			17	-0.06	0.00	0.12	0.00	0.00	0.00
		20.3	17	0.00	0.00	0.11	0.00	0.00	0.00
			16	0.00	0.00	0.11	0.00	0.08	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	5 (CQC)	20.1	19	0.07	0.01	0.23	0.00	0.16	0.01
			18	0.07	0.01	0.23	0.00	0.05	0.00
		20.2	18	0.13	0.01	0.23	0.00	0.05	0.00
			17	0.13	0.01	0.23	0.00	0.00	0.00
		20.3	17	0.00	0.01	0.23	0.00	0.00	0.00
			16	0.00	0.01	0.23	0.00	0.16	0.00
	6 (CQC)	20.1	19	0.00	0.02	0.00	0.00	0.00	0.00
			18	0.00	0.02	0.00	0.00	0.00	0.00
		20.2	18	0.01	0.03	0.00	0.00	0.00	0.00
			17	0.01	0.03	0.00	0.00	0.00	0.00
		20.3	17	0.00	0.00	0.00	0.00	0.00	0.00
			16	0.00	0.00	0.00	0.00	0.00	0.00
21	1	21.1	33	-0.02	-1.01	-1.88	0.01	0.00	0.04
			14	-0.02	-1.01	-1.85	0.01	-0.15	-0.04
		21.2	14	0.20	0.04	-0.74	0.00	-0.01	-0.03
			30	0.20	0.04	-0.61	0.00	-0.30	-0.02
		21.3	30	0.22	0.07	-0.56	0.00	-0.30	-0.02
			27	0.22	0.07	-0.41	0.00	-0.54	0.02
		21.4	27	0.25	-0.06	-0.35	0.00	-0.54	0.02
			12	0.25	-0.06	-0.20	0.00	-0.68	-0.01
		21.5	12	0.25	0.06	0.20	0.00	-0.68	-0.01
			23	0.25	0.06	0.35	0.00	-0.54	0.02
		21.6	23	0.21	-0.07	0.41	0.00	-0.54	0.02
			20	0.21	-0.07	0.56	0.00	-0.30	-0.02
		21.7	20	0.18	-0.04	0.61	0.00	-0.30	-0.02
			5	0.18	-0.04	0.74	0.00	-0.01	-0.03
		21.8	5	-0.04	1.01	1.85	-0.01	-0.15	-0.04
			16	-0.04	1.01	1.88	-0.01	0.00	0.04
	2	21.1	33	0.00	-0.01	-0.31	0.00	0.00	0.00
			14	0.00	-0.01	-0.31	0.00	-0.02	0.00
		21.2	14	0.02	0.00	-0.07	0.00	-0.01	0.00
			30	0.02	0.00	-0.07	0.00	-0.04	0.00
		21.3	30	0.02	0.00	-0.07	0.00	-0.04	0.00
			27	0.02	0.00	-0.07	0.00	-0.07	0.00
		21.4	27	0.03	0.00	-0.07	0.00	-0.07	0.00
			12	0.03	0.00	-0.07	0.00	-0.11	0.00
		21.5	12	0.03	0.00	0.07	0.00	-0.11	0.00
			23	0.03	0.00	0.07	0.00	-0.07	0.00
		21.6	23	0.02	0.00	0.07	0.00	-0.07	0.00
			20	0.02	0.00	0.07	0.00	-0.04	0.00
		21.7	20	0.01	0.00	0.07	0.00	-0.04	0.00
			5	0.01	0.00	0.07	0.00	-0.01	0.00
		21.8	5	0.00	0.01	0.31	0.00	-0.02	0.00
			16	0.00	0.01	0.31	0.00	0.00	0.00
	3	21.1	33	-0.44	-10.23	-2.68	0.00	0.00	0.43
			14	-0.44	-10.23	-2.68	0.00	-0.22	-0.39
		21.2	14	0.95	0.45	-1.49	0.00	0.03	-0.37
			30	0.95	0.45	-1.49	0.00	-0.59	-0.18
		21.3	30	0.85	0.76	-0.95	0.00	-0.59	-0.18
			27	0.85	0.76	-0.95	0.00	-1.07	0.20
		21.4	27	1.01	-0.61	-0.35	0.00	-1.07	0.20
			12	1.01	-0.61	-0.35	0.00	-1.24	-0.11
		21.5	12	1.02	0.61	0.35	0.00	-1.24	-0.11
			23	1.02	0.61	0.35	0.00	-1.07	0.20
		21.6	23	0.87	-0.76	0.95	0.00	-1.07	0.20
			20	0.87	-0.76	0.95	0.00	-0.59	-0.18
		21.7	20	0.94	-0.44	1.49	0.00	-0.59	-0.18
			5	0.94	-0.44	1.49	0.00	0.03	-0.37
		21.8	5	-0.46	10.24	2.68	0.00	-0.22	-0.38
			16	-0.46	10.24	2.68	0.00	0.00	0.44
	4	21.1	33	0.00	-0.19	-0.12	0.15	0.00	0.03
			14	0.00	-0.19	-0.12	0.15	-0.01	0.01
		21.2	14	0.03	0.16	0.01	-0.01	-0.01	-0.06
			30	0.03	0.16	0.01	-0.01	0.00	0.01
		21.3	30	-0.01	0.01	0.00	-0.01	0.00	0.01
			27	-0.01	0.01	0.00	-0.01	0.00	0.01
		21.4	27	0.01	-0.06	0.01	-0.01	0.00	0.01

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			12	0.01	-0.06	0.01	-0.01	0.00	-0.02
		21.5	12	0.00	0.06	0.00	0.01	0.00	-0.02
			23	0.00	0.06	0.00	0.01	0.00	0.01
		21.6	23	-0.05	-0.01	0.00	0.01	0.00	0.01
			20	-0.05	-0.01	0.00	0.01	0.00	0.01
		21.7	20	-0.07	-0.16	-0.01	0.01	0.00	0.01
			5	-0.07	-0.16	-0.01	0.01	-0.01	-0.06
		21.8	5	-0.14	0.20	0.12	-0.15	-0.01	0.01
			16	-0.14	0.20	0.12	-0.15	0.00	0.03
	7	21.1	33	8.92	-25.11	-0.09	0.01	0.00	1.83
			14	8.92	-25.11	-0.09	0.01	-0.01	-0.17
		21.2	14	19.74	-2.57	0.11	0.00	-0.02	-0.14
			30	19.74	-2.57	0.11	0.00	0.02	-1.21
		21.3	30	20.50	2.48	-0.06	0.00	0.02	-1.21
			27	20.50	2.48	-0.06	0.00	0.00	0.02
		21.4	27	13.37	0.07	-0.01	0.00	0.00	0.02
			12	13.37	0.07	-0.01	0.00	-0.01	0.06
		21.5	12	10.73	0.15	0.03	0.00	0.00	-0.04
			23	10.73	0.15	0.03	0.00	0.01	0.03
		21.6	23	11.64	-2.51	0.06	0.00	0.01	0.03
			20	11.64	-2.51	0.06	0.00	0.04	-1.22
		21.7	20	2.18	3.47	-0.12	0.00	0.04	-1.22
			5	2.18	3.47	-0.12	0.00	-0.01	0.23
		21.8	5	-15.64	27.31	-0.02	-0.01	0.00	0.20
			16	-15.64	27.31	-0.02	-0.01	0.00	2.38
	9	21.1	33	0.00	-0.01	-0.27	0.00	0.00	0.00
			14	0.00	-0.01	-0.27	0.00	-0.02	0.00
		21.2	14	0.01	0.00	-0.06	0.00	-0.01	0.00
			30	0.01	0.00	-0.06	0.00	-0.03	0.00
		21.3	30	0.02	0.00	-0.06	0.00	-0.03	0.00
			27	0.02	0.00	-0.06	0.00	-0.06	0.00
		21.4	27	0.02	0.00	-0.06	0.00	-0.06	0.00
			12	0.02	0.00	-0.06	0.00	-0.09	0.00
		21.5	12	0.02	0.00	0.06	0.00	-0.09	0.00
			23	0.02	0.00	0.06	0.00	-0.06	0.00
		21.6	23	0.01	0.00	0.06	0.00	-0.06	0.00
			20	0.01	0.00	0.06	0.00	-0.03	0.00
		21.7	20	0.01	0.00	0.06	0.00	-0.03	0.00
			5	0.01	0.00	0.06	0.00	-0.01	0.00
		21.8	5	0.00	0.01	0.27	0.00	-0.02	0.00
			16	0.00	0.01	0.27	0.00	0.00	0.00
	11	21.1	33	0.01	0.10	0.66	-0.09	0.00	0.00
			14	0.01	0.10	0.66	-0.09	0.05	0.01
		21.2	14	-0.07	0.01	0.21	0.00	0.00	0.00
			30	-0.07	0.01	0.21	0.00	0.09	0.00
		21.3	30	-0.13	-0.01	0.21	0.00	0.09	0.00
			27	-0.13	-0.01	0.21	0.00	0.20	0.00
		21.4	27	-0.20	0.01	0.21	0.00	0.20	0.00
			12	-0.20	0.01	0.21	0.00	0.30	0.01
		21.5	12	-0.17	-0.02	-0.21	0.00	0.30	0.01
			23	-0.17	-0.02	-0.21	0.00	0.20	0.00
		21.6	23	-0.06	0.01	-0.21	0.00	0.20	0.00
			20	-0.06	0.01	-0.21	0.00	0.09	0.00
		21.7	20	0.06	-0.01	-0.21	0.00	0.09	0.00
			5	0.06	-0.01	-0.21	0.00	0.00	0.00
		21.8	5	0.18	-0.11	-0.66	0.09	0.05	0.01
			16	0.18	-0.11	-0.66	0.09	0.00	0.00
	13	21.1	33	-0.01	-0.09	-0.67	0.08	0.00	0.00
			14	-0.01	-0.09	-0.67	0.08	-0.05	-0.01
		21.2	14	0.07	-0.01	-0.22	0.00	0.00	0.00
			30	0.07	-0.01	-0.22	0.00	-0.09	0.00
		21.3	30	0.14	0.01	-0.22	0.00	-0.09	0.00
			27	0.14	0.01	-0.22	0.00	-0.20	0.00
		21.4	27	0.20	-0.01	-0.22	0.00	-0.20	0.00
			12	0.20	-0.01	-0.22	0.00	-0.31	0.00
		21.5	12	0.18	0.02	0.22	0.00	-0.31	-0.01
			23	0.18	0.02	0.22	0.00	-0.20	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		21.6	23	0.06	-0.01	0.22	0.00	-0.20	0.00
			20	0.06	-0.01	0.22	0.00	-0.09	0.00
		21.7	20	-0.05	0.01	0.22	0.00	-0.09	0.00
			5	-0.05	0.01	0.22	0.00	0.00	0.00
		21.8	5	-0.18	0.10	0.66	-0.08	-0.05	-0.01
			16	-0.18	0.10	0.66	-0.08	0.00	0.00
	5 (CQC)	21.1	33	0.01	0.20	1.43	0.16	0.00	0.00
			14	0.01	0.20	1.43	0.16	0.11	0.02
		21.2	14	0.16	0.01	0.46	0.01	0.01	0.00
			30	0.16	0.01	0.46	0.01	0.20	0.00
		21.3	30	0.30	0.01	0.46	0.01	0.20	0.00
			27	0.30	0.01	0.46	0.01	0.43	0.00
		21.4	27	0.43	0.03	0.46	0.01	0.43	0.00
			12	0.43	0.03	0.46	0.01	0.66	0.01
		21.5	12	0.38	0.03	0.46	0.01	0.66	0.01
			23	0.38	0.03	0.46	0.01	0.43	0.00
		21.6	23	0.13	0.01	0.46	0.01	0.43	0.00
			20	0.13	0.01	0.46	0.01	0.20	0.00
		21.7	20	0.12	0.02	0.46	0.01	0.20	0.00
			5	0.12	0.02	0.46	0.01	0.01	0.01
		21.8	5	0.38	0.22	1.42	0.16	0.11	0.02
			16	0.38	0.22	1.42	0.16	0.00	0.00
	6 (CQC)	21.1	33	0.04	0.01	0.55	0.00	0.00	0.00
			14	0.04	0.01	0.55	0.00	0.04	0.00
		21.2	14	0.13	0.00	0.18	0.00	0.15	0.00
			30	0.13	0.00	0.18	0.00	0.07	0.00
		21.3	30	0.11	0.00	0.18	0.00	0.07	0.00
			27	0.11	0.00	0.18	0.00	0.02	0.00
		21.4	27	0.13	0.00	0.18	0.00	0.02	0.00
			12	0.13	0.00	0.18	0.00	0.11	0.00
		21.5	12	0.27	0.00	0.18	0.00	0.11	0.00
			23	0.27	0.00	0.18	0.00	0.02	0.00
		21.6	23	0.28	0.00	0.18	0.00	0.02	0.00
			20	0.28	0.00	0.18	0.00	0.07	0.00
		21.7	20	0.28	0.00	0.18	0.00	0.07	0.00
			5	0.28	0.00	0.18	0.00	0.15	0.00
		21.8	5	0.46	0.02	0.55	0.00	0.04	0.00
			16	0.46	0.02	0.55	0.00	0.00	0.00
22	1	22.1	34	0.12	-0.05	-0.80	0.00	0.00	0.02
			31	0.12	-0.05	-0.66	0.00	-0.36	0.00
		22.2	31	0.13	0.00	-0.32	0.00	-0.40	0.00
			28	0.13	0.00	-0.18	0.00	-0.52	-0.01
		22.3	28	0.25	0.03	-0.20	0.00	-0.57	-0.01
			26	0.25	0.03	-0.05	0.00	-0.63	0.01
		22.4	26	0.26	-0.03	0.05	0.00	-0.63	0.01
			24	0.26	-0.03	0.20	0.00	-0.57	-0.01
		22.5	24	0.16	0.00	0.17	0.00	-0.52	-0.01
			21	0.16	0.00	0.32	0.00	-0.40	0.00
		22.6	21	0.18	0.04	0.66	0.00	-0.36	0.00
			17	0.18	0.04	0.80	0.00	0.00	0.02
	2	22.1	34	0.01	0.00	-0.06	0.00	0.00	0.00
			31	0.01	0.00	-0.06	0.00	-0.03	0.00
		22.2	31	0.01	0.00	-0.04	0.00	-0.04	0.00
			28	0.01	0.00	-0.04	0.00	-0.05	0.00
		22.3	28	0.02	0.00	-0.06	0.00	-0.06	0.00
			26	0.02	0.00	-0.06	0.00	-0.09	0.00
		22.4	26	0.02	0.00	0.06	0.00	-0.09	0.00
			24	0.02	0.00	0.06	0.00	-0.06	0.00
		22.5	24	0.02	0.00	0.04	0.00	-0.05	0.00
			21	0.02	0.00	0.04	0.00	-0.04	0.00
		22.6	21	0.01	0.00	0.06	0.00	-0.03	0.00
			17	0.01	0.00	0.06	0.00	0.00	0.00
	3	22.1	34	0.71	-0.47	-2.31	-0.02	0.00	0.19
			31	0.71	-0.47	-2.31	-0.02	-1.15	-0.04
		22.2	31	0.29	-0.02	-0.35	-0.01	-1.15	-0.04
			28	0.29	-0.02	-0.35	-0.01	-1.32	-0.05
		22.3	28	1.12	0.29	0.89	0.03	-1.39	-0.05

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			26	1.12	0.29	0.89	0.03	-0.94	0.09
		22.4	26	1.18	-0.30	-0.89	-0.03	-0.94	0.09
			24	1.18	-0.30	-0.89	-0.03	-1.39	-0.05
		22.5	24	0.46	0.02	0.34	0.01	-1.32	-0.05
			21	0.46	0.02	0.34	0.01	-1.15	-0.04
		22.6	21	1.06	0.46	2.31	0.02	-1.15	-0.04
			17	1.06	0.46	2.31	0.02	0.00	0.19
	4	22.1	34	-0.09	-0.01	0.23	0.00	0.00	0.00
			31	-0.09	-0.01	0.23	0.00	0.11	0.00
		22.2	31	-0.12	0.00	0.14	0.00	0.14	0.00
			28	-0.12	0.00	0.14	0.00	0.21	0.00
		22.3	28	-0.26	0.00	0.24	0.00	0.23	0.00
			26	-0.26	0.00	0.24	0.00	0.35	0.00
		22.4	26	-0.24	0.00	-0.24	0.00	0.35	0.00
			24	-0.24	0.00	-0.24	0.00	0.23	0.00
		22.5	24	-0.03	0.00	-0.14	0.00	0.21	0.00
			21	-0.03	0.00	-0.14	0.00	0.14	0.00
		22.6	21	0.07	0.01	-0.23	0.00	0.11	0.00
			17	0.07	0.01	-0.23	0.00	0.00	0.00
	7	22.1	34	-5.22	0.33	0.09	0.00	0.00	-0.09
			31	-5.22	0.33	0.09	0.00	0.05	0.07
		22.2	31	-16.17	-0.28	0.05	0.01	0.01	0.07
			28	-16.17	-0.28	0.05	0.01	0.04	-0.07
		22.3	28	-20.09	0.25	-0.05	-0.01	0.02	-0.07
			26	-20.09	0.25	-0.05	-0.01	-0.01	0.05
		22.4	26	-15.00	-0.33	0.00	0.01	-0.01	0.09
			24	-15.00	-0.33	0.00	0.01	-0.01	-0.07
		22.5	24	-1.09	0.35	-0.12	-0.01	0.02	-0.07
			21	-1.09	0.35	-0.12	-0.01	-0.04	0.10
		22.6	21	25.47	-0.75	0.07	0.00	-0.04	0.10
			17	25.47	-0.75	0.07	0.00	0.00	-0.27
	9	22.1	34	0.00	0.00	-0.04	0.00	0.00	0.00
			31	0.00	0.00	-0.04	0.00	-0.02	0.00
		22.2	31	0.01	0.00	-0.03	0.00	-0.03	0.00
			28	0.01	0.00	-0.03	0.00	-0.04	0.00
		22.3	28	0.01	0.00	-0.05	0.00	-0.04	0.00
			26	0.01	0.00	-0.05	0.00	-0.07	0.00
		22.4	26	0.01	0.00	0.05	0.00	-0.07	0.00
			24	0.01	0.00	0.05	0.00	-0.04	0.00
		22.5	24	0.01	0.00	0.03	0.00	-0.04	0.00
			21	0.01	0.00	0.03	0.00	-0.03	0.00
		22.6	21	0.01	0.00	0.04	0.00	-0.02	0.00
			17	0.01	0.00	0.04	0.00	0.00	0.00
	11	22.1	34	0.00	0.00	-0.01	0.00	0.00	0.00
			31	0.00	0.00	-0.01	0.00	0.00	0.00
		22.2	31	-0.01	0.00	0.00	0.00	0.00	0.00
			28	-0.01	0.00	0.00	0.00	0.00	0.00
		22.3	28	0.01	0.00	-0.01	0.00	0.00	0.00
			26	0.01	0.00	-0.01	0.00	-0.01	0.00
		22.4	26	0.01	-0.01	0.01	0.00	-0.01	0.00
			24	0.01	-0.01	0.01	0.00	0.00	0.00
		22.5	24	-0.01	0.00	0.00	0.00	0.00	0.00
			21	-0.01	0.00	0.00	0.00	0.00	0.00
		22.6	21	-0.01	0.00	0.01	0.00	0.00	0.00
			17	-0.01	0.00	0.01	0.00	0.00	0.00
	13	22.1	34	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		22.2	31	0.01	0.00	0.00	0.00	0.00	0.00
			28	0.01	0.00	0.00	0.00	0.00	0.00
		22.3	28	-0.01	0.00	0.00	0.00	0.00	0.00
			26	-0.01	0.00	0.00	0.00	-0.01	0.00
		22.4	26	-0.01	0.01	0.00	0.00	-0.01	0.00
			24	-0.01	0.01	0.00	0.00	0.00	0.00
		22.5	24	0.01	0.00	0.00	0.00	0.00	0.00
			21	0.01	0.00	0.00	0.00	0.00	0.00
		22.6	21	0.01	0.00	0.00	0.00	0.00	0.00
			17	0.01	0.00	0.00	0.00	0.00	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	5 (CQC)	22.1	34	0.00	0.01	0.00	0.00	0.00	0.00
			31	0.00	0.01	0.00	0.00	0.00	0.00
		22.2	31	0.01	0.00	0.00	0.00	0.00	0.00
			28	0.01	0.00	0.00	0.00	0.00	0.00
		22.3	28	0.02	0.00	0.00	0.00	0.00	0.00
			26	0.02	0.00	0.00	0.00	0.00	0.00
		22.4	26	0.02	0.02	0.00	0.00	0.00	0.01
			24	0.02	0.02	0.00	0.00	0.00	0.00
		22.5	24	0.01	0.00	0.00	0.00	0.00	0.00
			21	0.01	0.00	0.00	0.00	0.00	0.00
		22.6	21	0.01	0.02	0.00	0.00	0.00	0.00
			17	0.01	0.02	0.00	0.00	0.00	0.01
	6 (CQC)	22.1	34	0.03	0.00	0.00	0.00	0.00	0.00
			31	0.03	0.00	0.00	0.00	0.00	0.00
		22.2	31	0.09	0.00	0.00	0.00	0.00	0.00
			28	0.09	0.00	0.00	0.00	0.00	0.00
		22.3	28	0.15	0.00	0.00	0.00	0.00	0.00
			26	0.15	0.00	0.00	0.00	0.00	0.00
		22.4	26	0.20	0.00	0.00	0.00	0.00	0.00
			24	0.20	0.00	0.00	0.00	0.00	0.00
		22.5	24	0.24	0.00	0.00	0.00	0.00	0.00
			21	0.24	0.00	0.00	0.00	0.00	0.00
		22.6	21	0.27	0.01	0.00	0.00	0.00	0.00
			17	0.27	0.01	0.00	0.00	0.00	0.00
23	1	23.1	36	0.05	0.75	-1.87	-0.01	0.00	-0.04
			15	0.05	0.75	-1.85	-0.01	-0.15	0.02
		23.2	15	0.26	-0.05	-0.74	0.00	-0.01	0.02
			32	0.26	-0.05	-0.61	0.00	-0.30	-0.01
		23.3	32	0.16	0.07	-0.56	0.00	-0.30	-0.01
			29	0.16	0.07	-0.41	0.00	-0.54	0.03
		23.4	29	0.36	-0.13	-0.36	0.00	-0.54	0.03
			13	0.36	-0.13	-0.21	0.00	-0.68	-0.04
		23.5	13	0.35	0.13	0.21	0.00	-0.68	-0.04
			25	0.35	0.13	0.36	0.00	-0.54	0.03
		23.6	25	0.13	-0.07	0.41	0.00	-0.54	0.03
			22	0.13	-0.07	0.56	0.00	-0.30	-0.01
		23.7	22	0.20	0.05	0.61	0.00	-0.30	-0.01
			6	0.20	0.05	0.74	0.00	-0.01	0.02
		23.8	6	-0.03	-0.76	1.85	0.01	-0.15	0.02
			19	-0.03	-0.76	1.87	0.01	0.00	-0.04
	2	23.1	36	0.00	0.01	-0.31	0.00	0.00	0.00
			15	0.00	0.01	-0.31	0.00	-0.03	0.00
		23.2	15	0.02	0.00	-0.07	0.00	-0.01	0.00
			32	0.02	0.00	-0.07	0.00	-0.04	0.00
		23.3	32	0.02	0.00	-0.07	0.00	-0.04	0.00
			29	0.02	0.00	-0.07	0.00	-0.07	0.00
		23.4	29	0.03	0.00	-0.07	0.00	-0.07	0.00
			13	0.03	0.00	-0.07	0.00	-0.11	0.00
		23.5	13	0.03	0.00	0.07	0.00	-0.11	0.00
			25	0.03	0.00	0.07	0.00	-0.07	0.00
		23.6	25	0.02	0.00	0.07	0.00	-0.07	0.00
			22	0.02	0.00	0.07	0.00	-0.04	0.00
		23.7	22	0.01	0.00	0.07	0.00	-0.04	0.00
			6	0.01	0.00	0.07	0.00	-0.01	0.00
		23.8	6	-0.01	-0.01	0.31	0.00	-0.03	0.00
			19	-0.01	-0.01	0.31	0.00	0.00	0.00
	3	23.1	36	0.49	7.66	-2.61	0.00	0.00	-0.42
			15	0.49	7.66	-2.61	0.00	-0.21	0.19
		23.2	15	1.63	-0.62	-1.50	0.00	0.04	0.18
			32	1.63	-0.62	-1.50	0.00	-0.59	-0.08
		23.3	32	0.25	0.76	-0.95	0.00	-0.59	-0.08
			29	0.25	0.76	-0.95	0.00	-1.06	0.30
		23.4	29	2.18	-1.42	-0.41	0.00	-1.06	0.30
			13	2.18	-1.42	-0.41	0.00	-1.27	-0.41
		23.5	13	2.10	1.41	0.41	0.00	-1.27	-0.41
			25	2.10	1.41	0.41	0.00	-1.06	0.30
		23.6	25	0.00	-0.76	0.95	0.00	-1.06	0.30

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			22	0.00	-0.76	0.95	0.00	-0.59	-0.08
		23.7	22	1.22	0.61	1.50	0.00	-0.59	-0.08
			6	1.22	0.61	1.50	0.00	0.04	0.18
		23.8	6	-0.10	-7.71	2.61	0.00	-0.21	0.19
			19	-0.10	-7.71	2.61	0.00	0.00	-0.43
	4	23.1	36	0.06	0.18	-0.11	-0.15	0.00	-0.03
			15	0.06	0.18	-0.11	-0.15	-0.01	-0.01
		23.2	15	0.04	-0.15	0.01	0.01	-0.01	0.06
			32	0.04	-0.15	0.01	0.01	0.00	-0.01
		23.3	32	-0.02	0.00	0.00	0.01	0.00	-0.01
			29	-0.02	0.00	0.00	0.01	0.00	-0.01
		23.4	29	0.03	0.06	0.00	0.01	0.00	-0.01
			13	0.03	0.06	0.00	0.01	0.00	0.02
		23.5	13	0.01	-0.06	0.00	-0.01	0.00	0.02
			25	0.01	-0.06	0.00	-0.01	0.00	-0.01
		23.6	25	-0.08	0.00	0.00	-0.01	0.00	-0.01
			22	-0.08	0.00	0.00	-0.01	0.00	-0.01
		23.7	22	-0.05	0.15	-0.01	-0.01	0.00	-0.01
			6	-0.05	0.15	-0.01	-0.01	-0.01	0.06
		23.8	6	-0.09	-0.20	0.11	0.15	-0.01	-0.01
			19	-0.09	-0.20	0.11	0.15	0.00	-0.03
	7	23.1	36	11.53	37.52	0.00	-0.01	0.00	-2.02
			15	11.53	37.52	0.00	-0.01	0.00	0.98
		23.2	15	24.14	-0.63	0.11	0.00	-0.02	0.94
			32	24.14	-0.63	0.11	0.00	0.03	0.67
		23.3	32	21.32	-0.75	-0.07	0.00	0.03	0.67
			29	21.32	-0.75	-0.07	0.00	-0.01	0.30
		23.4	29	13.00	-1.07	0.00	0.00	-0.01	0.30
			13	13.00	-1.07	0.00	0.00	-0.01	-0.24
		23.5	13	9.86	0.85	0.02	0.00	-0.01	-0.15
			25	9.86	0.85	0.02	0.00	0.00	0.27
		23.6	25	11.01	0.79	0.08	0.00	0.00	0.27
			22	11.01	0.79	0.08	0.00	0.04	0.67
		23.7	22	6.17	0.13	-0.11	0.00	0.04	0.67
			6	6.17	0.13	-0.11	0.00	0.00	0.72
		23.8	6	-15.67	-40.49	-0.18	0.01	0.01	0.76
			19	-15.67	-40.49	-0.18	0.01	0.00	-2.48
	9	23.1	36	0.00	0.01	-0.20	0.00	0.00	0.00
			15	0.00	0.01	-0.20	0.00	-0.02	0.00
		23.2	15	0.01	0.00	-0.04	0.00	0.00	0.00
			32	0.01	0.00	-0.04	0.00	-0.02	0.00
		23.3	32	0.01	0.00	-0.04	0.00	-0.02	0.00
			29	0.01	0.00	-0.04	0.00	-0.05	0.00
		23.4	29	0.02	0.00	-0.04	0.00	-0.05	0.00
			13	0.02	0.00	-0.04	0.00	-0.07	0.00
		23.5	13	0.02	0.00	0.04	0.00	-0.07	0.00
			25	0.02	0.00	0.04	0.00	-0.05	0.00
		23.6	25	0.01	0.00	0.04	0.00	-0.05	0.00
			22	0.01	0.00	0.04	0.00	-0.02	0.00
		23.7	22	0.01	0.00	0.04	0.00	-0.02	0.00
			6	0.01	0.00	0.04	0.00	0.00	0.00
		23.8	6	0.00	-0.01	0.20	0.00	-0.02	0.00
			19	0.00	-0.01	0.20	0.00	0.00	0.00
	11	23.1	36	-0.01	0.09	-0.67	-0.08	0.00	0.00
			15	-0.01	0.09	-0.67	-0.08	-0.05	0.01
		23.2	15	0.07	0.01	-0.22	0.00	0.00	0.00
			32	0.07	0.01	-0.22	0.00	-0.09	0.00
		23.3	32	0.14	0.00	-0.22	0.00	-0.09	0.00
			29	0.14	0.00	-0.22	0.00	-0.20	0.00
		23.4	29	0.20	0.01	-0.22	0.00	-0.20	0.00
			13	0.20	0.01	-0.22	0.00	-0.31	0.00
		23.5	13	0.18	-0.01	0.22	0.00	-0.31	0.01
			25	0.18	-0.01	0.22	0.00	-0.20	0.00
		23.6	25	0.05	0.01	0.22	0.00	-0.20	0.00
			22	0.05	0.01	0.22	0.00	-0.09	0.00
		23.7	22	-0.05	-0.01	0.22	0.00	-0.09	0.00
			6	-0.05	-0.01	0.22	0.00	0.00	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
		23.8	6	-0.18	-0.10	0.67	0.08	-0.05	0.01
			19	-0.18	-0.10	0.67	0.08	0.00	0.00
	13	23.1	36	0.01	-0.10	0.66	0.09	0.00	0.00
			15	0.01	-0.10	0.66	0.09	0.05	-0.01
		23.2	15	-0.07	-0.01	0.21	0.00	0.00	0.00
			32	-0.07	-0.01	0.21	0.00	0.09	0.00
		23.3	32	-0.13	0.00	0.21	0.00	0.09	0.00
			29	-0.13	0.00	0.21	0.00	0.20	0.00
		23.4	29	-0.20	-0.01	0.21	0.00	0.20	0.00
			13	-0.20	-0.01	0.21	0.00	0.30	0.00
		23.5	13	-0.18	0.02	-0.21	0.00	0.30	-0.01
			25	-0.18	0.02	-0.21	0.00	0.20	0.00
		23.6	25	-0.05	-0.01	-0.21	0.00	0.20	0.00
			22	-0.05	-0.01	-0.21	0.00	0.09	0.00
		23.7	22	0.06	0.01	-0.21	0.00	0.09	0.00
			6	0.06	0.01	-0.21	0.00	0.00	0.00
		23.8	6	0.19	0.11	-0.66	-0.09	0.05	-0.01
			19	0.19	0.11	-0.66	-0.09	0.00	0.00
	5 (CQC)	23.1	36	0.02	0.20	1.43	0.16	0.00	0.00
			15	0.02	0.20	1.43	0.16	0.11	0.02
		23.2	15	0.16	0.01	0.46	0.01	0.01	0.00
			32	0.16	0.01	0.46	0.01	0.20	0.00
		23.3	32	0.30	0.01	0.46	0.01	0.20	0.00
			29	0.30	0.01	0.46	0.01	0.43	0.00
		23.4	29	0.44	0.02	0.46	0.01	0.43	0.00
			13	0.44	0.02	0.46	0.01	0.66	0.01
		23.5	13	0.38	0.03	0.46	0.01	0.66	0.01
			25	0.38	0.03	0.46	0.01	0.43	0.00
		23.6	25	0.12	0.01	0.46	0.01	0.43	0.00
			22	0.12	0.01	0.46	0.01	0.20	0.00
		23.7	22	0.12	0.02	0.46	0.01	0.20	0.00
			6	0.12	0.02	0.46	0.01	0.01	0.01
		23.8	6	0.39	0.23	1.43	0.16	0.11	0.02
			19	0.39	0.23	1.43	0.16	0.00	0.01
	6 (CQC)	23.1	36	0.03	0.00	0.55	0.00	0.00	0.00
			15	0.03	0.00	0.55	0.00	0.04	0.00
		23.2	15	0.13	0.00	0.18	0.00	0.15	0.00
			32	0.13	0.00	0.18	0.00	0.07	0.00
		23.3	32	0.12	0.00	0.18	0.00	0.07	0.00
			29	0.12	0.00	0.18	0.00	0.02	0.00
		23.4	29	0.13	0.00	0.18	0.00	0.02	0.00
			13	0.13	0.00	0.18	0.00	0.11	0.00
		23.5	13	0.28	0.00	0.18	0.00	0.11	0.00
			25	0.28	0.00	0.18	0.00	0.02	0.00
		23.6	25	0.28	0.00	0.18	0.00	0.02	0.00
			22	0.28	0.00	0.18	0.00	0.07	0.00
		23.7	22	0.29	0.01	0.18	0.00	0.07	0.00
			6	0.29	0.01	0.18	0.00	0.15	0.00
		23.8	6	0.49	0.03	0.55	0.00	0.04	0.00
			19	0.49	0.03	0.55	0.00	0.00	0.00
24	1	24.1	89	-0.28	0.16	0.10	0.01	-0.02	-0.08
			90	-0.28	0.12	0.06	0.01	0.01	-0.02
		24.2	90	-0.28	0.12	0.06	0.01	0.01	-0.02
			91	-0.28	0.08	0.02	0.01	0.03	0.03
		24.3	91	-0.28	0.08	0.02	0.01	0.03	0.03
			92	-0.28	0.04	-0.01	0.01	0.03	0.06
	2	24.1	89	-0.04	0.02	0.01	0.00	0.00	-0.01
			90	-0.04	0.02	0.01	0.00	0.00	0.00
		24.2	90	-0.04	0.02	0.01	0.00	0.00	0.00
			91	-0.04	0.02	0.01	0.00	0.00	0.01
		24.3	91	-0.04	0.02	0.01	0.00	0.00	0.01
			92	-0.04	0.02	0.01	0.00	0.01	0.01
	3	24.1	89	-0.44	0.18	0.10	0.02	-0.04	-0.12
			90	-0.44	0.18	0.10	0.02	0.01	-0.04
		24.2	90	-0.44	0.18	0.10	0.02	0.01	-0.04
			91	-0.44	0.18	0.10	0.02	0.05	0.05
		24.3	91	-0.44	0.18	0.10	0.02	0.05	0.05

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			92	-0.44	0.18	0.10	0.02	0.10	0.13
	4	24.1	89	-0.17	0.06	0.03	-0.03	-0.03	-0.04
			90	-0.17	0.06	0.03	-0.03	-0.01	-0.01
		24.2	90	-0.17	0.06	0.03	-0.03	-0.01	-0.01
			91	-0.17	0.06	0.03	-0.03	0.00	0.02
		24.3	91	-0.17	0.06	0.03	-0.03	0.00	0.02
			92	-0.17	0.06	0.03	-0.03	0.02	0.04
	7	24.1	89	-0.02	0.01	0.00	0.00	0.00	0.00
			90	-0.02	0.01	0.00	0.00	0.00	0.00
		24.2	90	-0.02	0.01	0.00	0.00	0.00	0.00
			91	-0.02	0.01	0.00	0.00	0.00	0.00
		24.3	91	-0.02	0.01	0.00	0.00	0.00	0.00
			92	-0.02	0.01	0.00	0.00	0.00	0.00
	9	24.1	89	-0.02	0.01	0.00	0.00	0.00	-0.01
			90	-0.02	0.01	0.00	0.00	0.00	0.00
		24.2	90	-0.02	0.01	0.00	0.00	0.00	0.00
			91	-0.02	0.01	0.00	0.00	0.00	0.00
		24.3	91	-0.02	0.01	0.00	0.00	0.00	0.00
			92	-0.02	0.01	0.00	0.00	0.00	0.01
	11	24.1	89	-0.06	0.03	0.01	0.01	0.00	-0.02
			90	-0.06	0.03	0.01	0.01	0.00	-0.01
		24.2	90	-0.06	0.03	0.01	0.01	0.00	-0.01
			91	-0.06	0.03	0.01	0.01	0.01	0.01
		24.3	91	-0.06	0.03	0.01	0.01	0.01	0.01
			92	-0.06	0.03	0.01	0.01	0.01	0.02
	13	24.1	89	0.06	-0.04	-0.01	-0.01	0.00	0.03
			90	0.06	-0.04	-0.01	-0.01	0.00	0.01
		24.2	90	0.06	-0.04	-0.01	-0.01	0.00	0.01
			91	0.06	-0.04	-0.01	-0.01	-0.01	-0.01
		24.3	91	0.06	-0.04	-0.01	-0.01	-0.01	-0.01
			92	0.06	-0.04	-0.01	-0.01	-0.01	-0.03
	5 (CQC)	24.1	89	0.15	0.09	0.01	0.02	0.01	0.05
			90	0.15	0.09	0.01	0.02	0.00	0.01
		24.2	90	0.15	0.07	0.04	0.02	0.00	0.01
			91	0.15	0.07	0.04	0.02	0.01	0.02
		24.3	91	0.15	0.05	0.06	0.02	0.01	0.02
			92	0.15	0.05	0.06	0.02	0.04	0.04
	6 (CQC)	24.1	89	0.01	0.04	0.02	0.00	0.01	0.03
			90	0.01	0.04	0.02	0.00	0.01	0.01
		24.2	90	0.02	0.04	0.02	0.00	0.01	0.01
			91	0.02	0.04	0.02	0.00	0.00	0.01
		24.3	91	0.05	0.04	0.02	0.00	0.00	0.01
			92	0.05	0.04	0.02	0.00	0.01	0.03
25	1	25.1	92	-0.28	-0.04	0.01	-0.01	0.03	0.06
			93	-0.28	-0.08	-0.02	-0.01	0.03	0.03
		25.2	93	-0.28	-0.08	-0.02	-0.01	0.03	0.03
			94	-0.28	-0.12	-0.06	-0.01	0.01	-0.02
		25.3	94	-0.28	-0.12	-0.06	-0.01	0.01	-0.02
			95	-0.28	-0.16	-0.10	-0.01	-0.02	-0.08
	2	25.1	92	-0.04	-0.02	-0.01	0.00	0.01	0.01
			93	-0.04	-0.02	-0.01	0.00	0.00	0.01
		25.2	93	-0.04	-0.02	-0.01	0.00	0.00	0.01
			94	-0.04	-0.02	-0.01	0.00	0.00	0.00
		25.3	94	-0.04	-0.02	-0.01	0.00	0.00	0.00
			95	-0.04	-0.02	-0.01	0.00	0.00	-0.01
	3	25.1	92	-0.44	-0.18	-0.10	-0.02	0.10	0.13
			93	-0.44	-0.18	-0.10	-0.02	0.05	0.05
		25.2	93	-0.44	-0.18	-0.10	-0.02	0.05	0.05
			94	-0.44	-0.18	-0.10	-0.02	0.01	-0.04
		25.3	94	-0.44	-0.18	-0.10	-0.02	0.01	-0.04
			95	-0.44	-0.18	-0.10	-0.02	-0.04	-0.12
	4	25.1	92	-0.17	-0.06	-0.03	0.03	0.02	0.04
			93	-0.17	-0.06	-0.03	0.03	0.00	0.02
		25.2	93	-0.17	-0.06	-0.03	0.03	0.00	0.02
			94	-0.17	-0.06	-0.03	0.03	-0.01	-0.01
		25.3	94	-0.17	-0.06	-0.03	0.03	-0.01	-0.01
			95	-0.17	-0.06	-0.03	0.03	-0.03	-0.04

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	7	25.1	92	-0.02	-0.01	0.00	0.00	0.00	0.00
			93	-0.02	-0.01	0.00	0.00	0.00	0.00
		25.2	93	-0.02	-0.01	0.00	0.00	0.00	0.00
			94	-0.02	-0.01	0.00	0.00	0.00	0.00
		25.3	94	-0.02	-0.01	0.00	0.00	0.00	0.00
			95	-0.02	-0.01	0.00	0.00	0.00	0.00
	9	25.1	92	-0.02	-0.01	0.00	0.00	0.00	0.01
			93	-0.02	-0.01	0.00	0.00	0.00	0.00
		25.2	93	-0.02	-0.01	0.00	0.00	0.00	0.00
			94	-0.02	-0.01	0.00	0.00	0.00	0.00
		25.3	94	-0.02	-0.01	0.00	0.00	0.00	0.00
			95	-0.02	-0.01	0.00	0.00	0.00	-0.01
	11	25.1	92	-0.06	-0.03	-0.01	-0.01	0.01	0.02
			93	-0.06	-0.03	-0.01	-0.01	0.01	0.01
		25.2	93	-0.06	-0.03	-0.01	-0.01	0.01	0.01
			94	-0.06	-0.03	-0.01	-0.01	0.00	-0.01
		25.3	94	-0.06	-0.03	-0.01	-0.01	0.00	-0.01
			95	-0.06	-0.03	-0.01	-0.01	0.00	-0.02
	13	25.1	92	0.06	0.04	0.01	0.01	-0.01	-0.03
			93	0.06	0.04	0.01	0.01	-0.01	-0.01
		25.2	93	0.06	0.04	0.01	0.01	-0.01	-0.01
			94	0.06	0.04	0.01	0.01	0.00	0.01
		25.3	94	0.06	0.04	0.01	0.01	0.00	0.01
			95	0.06	0.04	0.01	0.01	0.00	0.03
	5 (CQC)	25.1	92	0.15	0.05	0.06	0.02	0.04	0.04
			93	0.15	0.05	0.06	0.02	0.01	0.02
		25.2	93	0.15	0.07	0.04	0.02	0.01	0.02
			94	0.15	0.07	0.04	0.02	0.00	0.01
		25.3	94	0.15	0.09	0.01	0.02	0.00	0.01
			95	0.15	0.09	0.01	0.02	0.01	0.05
	6 (CQC)	25.1	92	0.05	0.04	0.02	0.00	0.01	0.03
			93	0.05	0.04	0.02	0.00	0.00	0.01
		25.2	93	0.02	0.04	0.02	0.00	0.00	0.01
			94	0.02	0.04	0.02	0.00	0.01	0.01
		25.3	94	0.01	0.04	0.02	0.00	0.01	0.01
			95	0.01	0.04	0.02	0.00	0.01	0.03
27	1	27.1	76	-0.33	-0.36	-0.13	-0.01	0.04	0.05
			85	-0.31	-0.36	-0.12	-0.01	0.02	-0.02
	2	27.1	76	-0.19	-0.06	-0.07	0.00	0.03	0.01
			85	-0.19	-0.06	-0.07	0.00	0.02	0.00
	3	27.1	76	-0.24	-0.56	-0.08	-0.01	0.03	0.07
			85	-0.24	-0.56	-0.08	-0.01	0.02	-0.03
	4	27.1	76	0.21	-0.30	-0.78	-0.06	-0.06	0.08
			85	0.21	-0.30	-0.78	-0.06	-0.21	0.02
	7	27.1	76	-0.01	-0.03	0.01	-0.01	0.01	0.01
			85	-0.01	-0.03	0.01	-0.01	0.01	0.00
	9	27.1	76	-0.16	-0.05	-0.06	0.00	0.02	0.01
			85	-0.16	-0.05	-0.06	0.00	0.01	0.00
	11	27.1	76	0.37	0.08	-0.01	-0.01	-0.23	-0.01
			85	0.37	0.08	0.10	-0.01	-0.22	0.01
	13	27.1	76	-0.36	-0.06	0.01	0.01	0.20	0.01
			85	-0.36	-0.06	-0.01	0.01	0.20	-0.01
	5 (CQC)	27.1	76	0.72	0.17	0.13	0.01	0.37	0.02
			85	0.72	0.17	0.13	0.01	0.35	0.01
	6 (CQC)	27.1	76	0.04	0.06	0.02	0.01	0.01	0.01
			85	0.04	0.06	0.02	0.01	0.00	0.02
28	1	28.1	85	-0.27	-0.36	-0.19	-0.01	0.02	-0.02
			96	-0.25	-0.36	-0.18	-0.01	-0.02	-0.08
	2	28.1	85	-0.16	-0.06	-0.12	0.00	0.02	0.00
			96	-0.15	-0.06	-0.11	0.00	-0.01	-0.01
	3	28.1	85	-0.21	-0.56	-0.14	-0.02	0.02	-0.03
			96	-0.21	-0.56	-0.14	-0.02	-0.01	-0.13
	4	28.1	85	0.40	-0.30	-0.70	-0.05	-0.21	0.03
			96	0.40	-0.30	-0.70	-0.05	-0.34	-0.02
	7	28.1	85	-0.02	-0.03	0.01	-0.01	0.01	0.00
			96	-0.02	-0.03	0.01	-0.01	0.01	0.00
	9	28.1	85	-0.14	-0.05	-0.10	0.00	0.01	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			96	-0.13	-0.05	-0.09	0.00	-0.01	-0.01
	11	28.1	85	0.33	0.08	0.19	-0.01	-0.22	0.01
			96	0.33	0.08	0.27	-0.01	-0.18	0.02
	13	28.1	85	-0.35	-0.06	-0.11	0.01	0.20	-0.01
			96	-0.35	-0.06	-0.13	0.01	0.18	-0.02
	5 (CQC)	28.1	85	0.66	0.17	0.32	0.01	0.35	0.02
			96	0.66	0.17	0.32	0.01	0.29	0.05
	6 (CQC)	28.1	85	0.04	0.05	0.03	0.01	0.00	0.02
			96	0.04	0.05	0.03	0.01	0.00	0.03
29	1	29.1	96	-0.06	-0.09	-0.12	0.00	-0.01	0.00
			107	-0.04	-0.09	-0.10	0.00	-0.03	-0.02
	2	29.1	96	-0.10	-0.02	-0.14	0.00	-0.01	0.00
			107	-0.08	-0.02	-0.11	0.00	-0.03	0.00
	3	29.1	96	-0.01	-0.12	-0.07	0.01	0.00	-0.01
			107	-0.01	-0.12	-0.07	0.01	-0.01	-0.03
	4	29.1	96	0.62	-0.12	-0.53	-0.02	-0.37	0.03
			107	0.62	-0.12	-0.53	-0.02	-0.47	0.01
	7	29.1	96	-0.01	-0.01	0.01	0.00	0.01	0.00
			107	-0.01	-0.01	0.01	0.00	0.01	0.00
	9	29.1	96	-0.09	-0.01	-0.11	0.00	-0.01	0.00
			107	-0.06	-0.01	-0.08	0.00	-0.03	0.00
	11	29.1	96	0.21	0.01	0.33	-0.01	-0.18	0.00
			107	0.21	0.01	0.37	-0.01	-0.12	0.00
	13	29.1	96	-0.27	0.00	-0.20	0.01	0.19	0.00
			107	-0.27	0.00	-0.22	0.01	0.15	0.00
	5 (CQC)	29.1	96	0.45	0.02	0.47	0.02	0.30	0.00
			107	0.45	0.02	0.47	0.02	0.22	0.00
	6 (CQC)	29.1	96	0.01	0.04	0.02	0.00	0.00	0.00
			107	0.01	0.04	0.02	0.00	0.01	0.00
30	1	30.1	107	-0.02	-0.09	-0.11	0.00	-0.03	-0.02
			113	-0.01	-0.09	-0.09	0.00	-0.05	-0.04
	2	30.1	107	-0.05	-0.02	-0.12	0.00	-0.03	0.00
			113	-0.03	-0.02	-0.07	0.00	-0.05	-0.01
	3	30.1	107	0.01	-0.12	-0.07	0.00	-0.01	-0.03
			113	0.01	-0.12	-0.07	0.00	-0.02	-0.06
	4	30.1	107	0.74	-0.12	-0.35	-0.02	-0.47	0.01
			113	0.74	-0.12	-0.35	-0.02	-0.53	-0.01
	7	30.1	107	-0.02	-0.01	0.00	0.00	0.01	0.00
			113	-0.02	-0.01	0.00	0.00	0.01	0.00
	9	30.1	107	-0.04	-0.01	-0.10	0.00	-0.03	0.00
			113	-0.02	-0.01	-0.04	0.00	-0.04	0.00
	11	30.1	107	0.11	0.01	0.41	-0.01	-0.12	0.00
			113	0.11	0.01	0.39	-0.01	-0.04	0.00
	13	30.1	107	-0.21	0.00	-0.28	0.01	0.15	0.00
			113	-0.21	0.00	-0.30	0.01	0.09	0.00
	5 (CQC)	30.1	107	0.30	0.02	0.57	0.01	0.22	0.01
			113	0.30	0.02	0.57	0.01	0.11	0.01
	6 (CQC)	30.1	107	0.02	0.03	0.02	0.00	0.01	0.00
			113	0.02	0.03	0.02	0.00	0.01	0.01
31	1	31.1	113	0.02	-0.09	-0.09	-0.01	-0.05	-0.04
			115	0.02	-0.09	-0.07	-0.01	-0.07	-0.05
	2	31.1	113	-0.01	-0.02	-0.07	0.00	-0.05	-0.01
			115	0.00	-0.02	-0.01	0.00	-0.06	-0.01
	3	31.1	113	0.03	-0.12	-0.06	-0.02	-0.02	-0.06
			115	0.03	-0.12	-0.06	-0.02	-0.03	-0.08
	4	31.1	113	0.81	-0.12	-0.15	-0.02	-0.53	-0.01
			115	0.81	-0.12	-0.15	-0.02	-0.56	-0.03
	7	31.1	113	-0.02	-0.01	0.00	0.00	0.01	0.00
			115	-0.02	-0.01	0.00	0.00	0.01	0.00
	9	31.1	113	0.00	-0.01	-0.04	0.00	-0.04	0.00
			115	0.00	-0.01	0.02	0.00	-0.04	-0.01
	11	31.1	113	0.00	0.01	0.41	0.00	-0.04	0.01
			115	0.00	0.01	0.39	0.00	0.03	0.01
	13	31.1	113	-0.12	0.00	-0.35	0.01	0.09	-0.01
			115	-0.12	0.00	-0.37	0.01	0.03	-0.01
	5 (CQC)	31.1	113	0.13	0.02	0.63	0.01	0.11	0.01
			115	0.13	0.02	0.63	0.01	0.01	0.02

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	6 (CQC)	31.1	113	0.02	0.02	0.01	0.00	0.01	0.01
			115	0.02	0.02	0.01	0.00	0.01	0.01
32	1	32.1	115	0.02	0.09	0.07	0.01	-0.07	-0.05
			114	0.02	0.09	0.09	0.01	-0.05	-0.04
	2	32.1	115	0.00	0.02	0.01	0.00	-0.06	-0.01
			114	-0.01	0.02	0.07	0.00	-0.05	-0.01
	3	32.1	115	0.03	0.12	0.06	0.02	-0.03	-0.08
			114	0.03	0.12	0.06	0.02	-0.02	-0.06
	4	32.1	115	0.81	0.12	0.15	0.02	-0.56	-0.03
			114	0.81	0.12	0.15	0.02	-0.53	-0.01
	7	32.1	115	-0.02	0.01	0.00	0.00	0.01	0.00
			114	-0.02	0.01	0.00	0.00	0.01	0.00
	9	32.1	115	0.00	0.02	0.03	0.00	-0.04	-0.01
			114	-0.01	0.02	0.06	0.00	-0.03	0.00
	11	32.1	115	-0.12	0.00	0.37	-0.01	0.03	-0.01
			114	-0.12	0.00	0.35	-0.01	0.09	-0.01
	13	32.1	115	0.00	-0.01	-0.39	0.00	0.03	0.01
			114	0.00	-0.01	-0.41	0.00	-0.04	0.01
	5 (CQC)	32.1	115	0.13	0.02	0.63	0.01	0.01	0.02
			114	0.13	0.02	0.63	0.01	0.11	0.01
	6 (CQC)	32.1	115	0.02	0.02	0.01	0.00	0.01	0.01
			114	0.02	0.02	0.01	0.00	0.01	0.01
33	1	33.1	114	-0.01	0.09	0.09	0.00	-0.05	-0.04
			108	-0.02	0.09	0.11	0.00	-0.03	-0.02
	2	33.1	114	-0.03	0.02	0.07	0.00	-0.05	-0.01
			108	-0.05	0.02	0.12	0.00	-0.03	0.00
	3	33.1	114	0.01	0.12	0.07	0.00	-0.02	-0.06
			108	0.01	0.12	0.07	0.00	-0.01	-0.04
	4	33.1	114	0.74	0.12	0.35	0.02	-0.53	-0.01
			108	0.74	0.12	0.35	0.02	-0.47	0.01
	7	33.1	114	-0.02	0.01	0.00	0.00	0.01	0.00
			108	-0.02	0.01	0.00	0.00	0.01	0.00
	9	33.1	114	-0.02	0.02	0.06	0.00	-0.03	0.00
			108	-0.03	0.02	0.09	0.00	-0.02	0.00
	11	33.1	114	-0.21	0.00	0.30	-0.01	0.09	0.00
			108	-0.21	0.00	0.28	-0.01	0.15	0.00
	13	33.1	114	0.11	-0.01	-0.39	0.01	-0.04	0.00
			108	0.11	-0.01	-0.41	0.01	-0.12	0.00
	5 (CQC)	33.1	114	0.30	0.02	0.57	0.01	0.11	0.01
			108	0.30	0.02	0.57	0.01	0.22	0.01
	6 (CQC)	33.1	114	0.02	0.03	0.02	0.00	0.01	0.01
			108	0.02	0.03	0.02	0.00	0.01	0.00
34	1	34.1	108	-0.05	0.09	0.10	0.00	-0.03	-0.02
			89	-0.06	0.09	0.12	0.00	-0.01	0.00
	2	34.1	108	-0.08	0.02	0.11	0.00	-0.03	0.00
			89	-0.10	0.02	0.14	0.00	-0.01	0.00
	3	34.1	108	-0.01	0.12	0.07	-0.01	-0.01	-0.03
			89	-0.01	0.12	0.07	-0.01	0.00	-0.01
	4	34.1	108	0.62	0.12	0.53	0.02	-0.47	0.01
			89	0.62	0.12	0.53	0.02	-0.37	0.03
	7	34.1	108	-0.01	0.01	-0.01	0.00	0.01	0.00
			89	-0.01	0.01	-0.01	0.00	0.01	0.00
	9	34.1	108	-0.06	0.02	0.08	0.00	-0.02	0.00
			89	-0.07	0.02	0.09	0.00	0.00	0.00
	11	34.1	108	-0.27	0.00	0.22	-0.01	0.15	0.00
			89	-0.27	0.00	0.20	-0.01	0.19	0.00
	13	34.1	108	0.21	-0.01	-0.37	0.01	-0.12	0.00
			89	0.21	-0.01	-0.33	0.01	-0.18	0.00
	5 (CQC)	34.1	108	0.45	0.02	0.47	0.02	0.22	0.00
			89	0.45	0.02	0.47	0.02	0.31	0.00
	6 (CQC)	34.1	108	0.01	0.04	0.02	0.00	0.01	0.00
			89	0.01	0.04	0.02	0.00	0.00	0.00
35	1	35.1	89	-0.25	0.36	0.18	0.01	-0.02	-0.09
			83	-0.27	0.36	0.19	0.01	0.02	-0.02
	2	35.1	89	-0.15	0.06	0.11	0.00	-0.01	-0.01
			83	-0.16	0.06	0.12	0.00	0.02	0.00
	3	35.1	89	-0.21	0.56	0.14	0.02	-0.01	-0.13

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			83	-0.21	0.56	0.14	0.02	0.02	-0.03
	4	35.1	89	0.40	0.29	0.70	0.05	-0.34	-0.02
			83	0.40	0.29	0.70	0.05	-0.21	0.03
	7	35.1	89	-0.02	0.03	-0.01	0.01	0.01	0.00
			83	-0.02	0.03	-0.01	0.01	0.01	0.00
	9	35.1	89	-0.10	0.04	0.07	0.00	0.00	-0.01
			83	-0.11	0.04	0.08	0.00	0.01	0.00
	11	35.1	89	-0.35	0.07	0.13	-0.01	0.18	-0.02
			83	-0.35	0.07	0.11	-0.01	0.20	-0.01
	13	35.1	89	0.33	-0.08	-0.27	0.01	-0.18	0.02
			83	0.33	-0.08	-0.19	0.01	-0.22	0.01
	5 (CQC)	35.1	89	0.66	0.17	0.32	0.01	0.29	0.05
			83	0.66	0.17	0.32	0.01	0.35	0.02
	6 (CQC)	35.1	89	0.04	0.05	0.03	0.01	0.00	0.03
			83	0.04	0.05	0.03	0.01	0.00	0.02
36	1	36.1	83	-0.31	0.36	0.12	0.01	0.02	-0.02
			71	-0.33	0.36	0.13	0.01	0.04	0.05
	2	36.1	83	-0.19	0.06	0.07	0.00	0.02	0.00
			71	-0.19	0.06	0.07	0.00	0.03	0.01
	3	36.1	83	-0.24	0.56	0.08	0.01	0.02	-0.03
			71	-0.24	0.56	0.08	0.01	0.03	0.07
	4	36.1	83	0.21	0.29	0.78	0.06	-0.21	0.02
			71	0.21	0.29	0.78	0.06	-0.06	0.08
	7	36.1	83	-0.02	0.03	-0.01	0.01	0.01	0.00
			71	-0.02	0.03	-0.01	0.01	0.01	0.01
	9	36.1	83	-0.12	0.04	0.05	0.00	0.01	0.00
			71	-0.12	0.04	0.05	0.00	0.02	0.01
	11	36.1	83	-0.36	0.07	0.01	-0.01	0.20	-0.01
			71	-0.36	0.07	-0.01	-0.01	0.20	0.01
	13	36.1	83	0.37	-0.08	-0.09	0.01	-0.22	0.01
			71	0.37	-0.08	0.01	0.01	-0.23	-0.01
	5 (CQC)	36.1	83	0.72	0.17	0.12	0.01	0.35	0.01
			71	0.72	0.17	0.12	0.01	0.37	0.02
	6 (CQC)	36.1	83	0.04	0.06	0.02	0.01	0.00	0.02
			71	0.04	0.06	0.02	0.01	0.01	0.01
37	1	37.1	88	-0.08	0.00	0.00	0.00	0.00	0.00
			74	-0.10	0.00	0.01	0.00	0.00	0.00
	2	37.1	88	-0.28	0.00	0.07	0.00	0.02	0.00
			74	-0.28	0.00	0.07	0.00	0.04	0.00
	3	37.1	88	0.48	0.00	-0.18	0.00	-0.02	0.00
			74	0.48	0.00	-0.18	0.00	-0.06	0.00
	4	37.1	88	0.71	0.00	1.16	0.00	-0.31	0.00
			74	0.71	0.00	1.16	0.00	-0.09	0.00
	7	37.1	88	0.03	0.00	0.01	0.00	0.00	0.00
			74	0.03	0.00	0.01	0.00	0.00	0.00
	9	37.1	88	-0.19	0.00	0.04	0.00	0.02	0.00
			74	-0.19	0.00	0.04	0.00	0.03	0.00
	11	37.1	88	-0.17	0.00	-0.06	0.00	0.20	0.00
			74	-0.17	0.00	-0.10	0.00	0.18	0.00
	13	37.1	88	0.16	0.00	-0.06	0.00	-0.23	0.00
			74	0.16	0.00	0.15	0.00	-0.22	0.00
	5 (CQC)	37.1	88	0.38	0.00	0.03	0.00	0.34	0.00
			74	0.38	0.00	0.03	0.00	0.34	0.00
	6 (CQC)	37.1	88	0.00	0.19	0.00	0.01	0.00	0.02
			74	0.00	0.19	0.00	0.01	0.00	0.01
38	1	38.1	86	-0.08	0.00	-0.02	0.00	0.00	0.00
			99	-0.06	0.00	-0.01	0.00	0.00	0.00
	2	38.1	86	-0.25	0.00	-0.14	0.00	0.02	0.00
			99	-0.24	0.00	-0.13	0.00	0.00	0.00
	3	38.1	86	0.41	0.00	0.30	0.00	-0.02	0.00
			99	0.41	0.00	0.30	0.00	0.03	0.00
	4	38.1	86	0.99	0.00	-0.93	0.00	-0.31	0.00
			99	0.99	0.00	-0.93	0.00	-0.48	0.00
	7	38.1	86	0.03	0.00	0.00	0.00	0.00	0.00
			99	0.03	0.00	0.00	0.00	0.00	0.00
	9	38.1	86	-0.21	0.00	-0.12	0.00	0.02	0.00
			99	-0.20	0.00	-0.11	0.00	-0.01	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	11	38.1	86	0.14	0.00	0.10	0.00	-0.23	0.00
			99	0.14	0.00	0.27	0.00	-0.20	0.00
	13	38.1	86	-0.18	0.00	0.01	0.00	0.20	0.00
			99	-0.18	0.00	-0.03	0.00	0.20	0.00
	5 (CQC)	38.1	86	0.35	0.00	0.14	0.00	0.34	0.00
			99	0.35	0.00	0.14	0.00	0.31	0.00
	6 (CQC)	38.1	86	0.00	0.18	0.00	0.01	0.00	0.02
			99	0.00	0.18	0.00	0.01	0.00	0.05
39	1	39.1	105	-0.12	0.00	-0.02	0.00	-0.01	0.00
			110	-0.11	0.00	0.00	0.00	-0.02	0.00
	2	39.1	105	-0.14	0.00	-0.19	0.00	-0.03	0.00
			110	-0.09	0.00	-0.08	0.00	-0.06	0.00
	3	39.1	105	-0.04	0.00	0.14	0.00	0.03	0.00
			110	-0.04	0.00	0.14	0.00	0.06	0.00
	4	39.1	105	1.24	0.00	-0.42	0.00	-0.57	0.00
			110	1.24	0.00	-0.42	0.00	-0.65	0.00
	7	39.1	105	0.02	0.00	0.00	0.00	0.00	0.00
			110	0.02	0.00	0.00	0.00	0.00	0.00
	9	39.1	105	-0.11	0.00	-0.15	0.00	-0.03	0.00
			110	-0.06	0.00	-0.04	0.00	-0.05	0.00
	11	39.1	105	0.03	0.00	0.42	0.00	-0.11	0.00
			110	0.03	0.00	0.39	0.00	-0.04	0.00
	13	39.1	105	-0.18	0.00	-0.20	0.00	0.15	0.00
			110	-0.18	0.00	-0.25	0.00	0.11	0.00
	5 (CQC)	39.1	105	0.22	0.00	0.46	0.00	0.20	0.00
			110	0.22	0.00	0.46	0.00	0.11	0.00
	6 (CQC)	39.1	105	0.00	0.05	0.00	0.00	0.00	0.00
			110	0.00	0.05	0.00	0.00	0.00	0.01
40	1	40.1	106	-0.12	0.00	-0.01	0.00	-0.01	0.00
			92	-0.13	0.00	0.01	0.00	-0.01	0.00
	2	40.1	106	-0.18	0.00	0.15	0.00	-0.03	0.00
			92	-0.23	0.00	0.21	0.00	0.00	0.00
	3	40.1	106	0.00	0.00	-0.15	0.00	0.03	0.00
			92	0.00	0.00	-0.15	0.00	0.00	0.00
	4	40.1	106	1.08	0.00	0.73	0.00	-0.57	0.00
			92	1.08	0.00	0.73	0.00	-0.43	0.00
	7	40.1	106	0.02	0.00	0.00	0.00	0.00	0.00
			92	0.02	0.00	0.00	0.00	0.00	0.00
	9	40.1	106	-0.13	0.00	0.11	0.00	-0.02	0.00
			92	-0.16	0.00	0.14	0.00	0.01	0.00
	11	40.1	106	-0.23	0.00	0.15	0.00	0.15	0.00
			92	-0.23	0.00	0.11	0.00	0.18	0.00
	13	40.1	106	0.14	0.00	-0.40	0.00	-0.11	0.00
			92	0.14	0.00	-0.33	0.00	-0.18	0.00
	5 (CQC)	40.1	106	0.34	0.00	0.38	0.00	0.20	0.00
			92	0.34	0.00	0.38	0.00	0.27	0.00
	6 (CQC)	40.1	106	0.00	0.06	0.00	0.00	0.00	0.01
			92	0.00	0.06	0.00	0.00	0.00	0.01
41	1	41.1	79	-0.10	0.00	-0.01	0.00	0.00	0.00
			86	-0.08	0.00	0.00	0.00	0.00	0.00
	2	41.1	79	-0.28	0.00	-0.08	0.00	0.04	0.00
			86	-0.28	0.00	-0.08	0.00	0.02	0.00
	3	41.1	79	0.47	0.00	0.19	0.00	-0.06	0.00
			86	0.47	0.00	0.19	0.00	-0.02	0.00
	4	41.1	79	0.72	0.00	-1.15	0.00	-0.09	0.00
			86	0.72	0.00	-1.15	0.00	-0.31	0.00
	7	41.1	79	0.02	0.00	-0.01	0.00	0.00	0.00
			86	0.02	0.00	-0.01	0.00	0.00	0.00
	9	41.1	79	-0.24	0.00	-0.07	0.00	0.03	0.00
			86	-0.24	0.00	-0.07	0.00	0.02	0.00
	11	41.1	79	0.16	0.00	-0.15	0.00	-0.22	0.00
			86	0.16	0.00	0.06	0.00	-0.23	0.00
	13	41.1	79	-0.17	0.00	0.10	0.00	0.18	0.00
			86	-0.17	0.00	0.06	0.00	0.20	0.00
	5 (CQC)	41.1	79	0.38	0.00	0.03	0.00	0.34	0.00
			86	0.38	0.00	0.03	0.00	0.34	0.00
	6 (CQC)	41.1	79	0.00	0.19	0.00	0.01	0.00	0.01

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			86	0.00	0.19	0.00	0.01	0.00	0.02
42	1	42.1	110	-0.11	0.00	-0.03	0.00	-0.02	0.00
			118	-0.10	0.00	-0.01	0.00	-0.02	0.00
	2	42.1	110	-0.07	0.00	-0.10	0.00	-0.06	0.00
			118	-0.05	0.00	0.02	0.00	-0.07	0.00
	3	42.1	110	-0.08	0.00	0.13	0.00	0.06	0.00
			118	-0.08	0.00	0.13	0.00	0.08	0.00
	4	42.1	110	1.30	0.00	-0.09	0.00	-0.65	0.00
			118	1.30	0.00	-0.09	0.00	-0.67	0.00
	7	42.1	110	0.02	0.00	0.00	0.00	0.00	0.00
			118	0.02	0.00	0.00	0.00	0.00	0.00
	9	42.1	110	-0.05	0.00	-0.05	0.00	-0.05	0.00
			118	-0.03	0.00	0.07	0.00	-0.05	0.00
	11	42.1	110	-0.07	0.00	0.39	0.00	-0.04	0.00
			118	-0.07	0.00	0.35	0.00	0.03	0.00
	13	42.1	110	-0.11	0.00	-0.29	0.00	0.11	0.00
			118	-0.11	0.00	-0.33	0.00	0.05	0.00
	5 (CQC)	42.1	110	0.08	0.00	0.50	0.00	0.11	0.00
			118	0.08	0.00	0.50	0.00	0.02	0.00
	6 (CQC)	42.1	110	0.00	0.04	0.00	0.01	0.00	0.01
			118	0.00	0.04	0.00	0.01	0.00	0.02
43	1	43.1	99	-0.13	0.00	-0.01	0.00	-0.01	0.00
			105	-0.12	0.00	0.01	0.00	-0.01	0.00
	2	43.1	99	-0.23	0.00	-0.21	0.00	0.00	0.00
			105	-0.18	0.00	-0.15	0.00	-0.03	0.00
	3	43.1	99	0.00	0.00	0.15	0.00	0.00	0.00
			105	0.00	0.00	0.15	0.00	0.03	0.00
	4	43.1	99	1.08	0.00	-0.73	0.00	-0.43	0.00
			105	1.08	0.00	-0.73	0.00	-0.57	0.00
	7	43.1	99	0.02	0.00	-0.01	0.00	0.00	0.00
			105	0.02	0.00	-0.01	0.00	0.00	0.00
	9	43.1	99	-0.19	0.00	-0.18	0.00	0.00	0.00
			105	-0.14	0.00	-0.12	0.00	-0.03	0.00
	11	43.1	99	0.14	0.00	0.33	0.00	-0.18	0.00
			105	0.14	0.00	0.40	0.00	-0.11	0.00
	13	43.1	99	-0.23	0.00	-0.11	0.00	0.18	0.00
			105	-0.23	0.00	-0.15	0.00	0.15	0.00
	5 (CQC)	43.1	99	0.34	0.00	0.38	0.00	0.27	0.00
			105	0.34	0.00	0.38	0.00	0.20	0.00
	6 (CQC)	43.1	99	0.00	0.06	0.00	0.00	0.00	0.01
			105	0.00	0.06	0.00	0.00	0.00	0.01
44	1	44.1	92	-0.06	0.00	0.01	0.00	0.00	0.00
			88	-0.08	0.00	0.02	0.00	0.00	0.00
	2	44.1	92	-0.24	0.00	0.13	0.00	0.00	0.00
			88	-0.25	0.00	0.14	0.00	0.02	0.00
	3	44.1	92	0.41	0.00	-0.30	0.00	0.03	0.00
			88	0.41	0.00	-0.30	0.00	-0.02	0.00
	4	44.1	92	0.98	0.00	0.93	0.00	-0.48	0.00
			88	0.98	0.00	0.93	0.00	-0.31	0.00
	7	44.1	92	0.03	0.00	0.00	0.00	0.00	0.00
			88	0.03	0.00	0.00	0.00	0.00	0.00
	9	44.1	92	-0.16	0.00	0.08	0.00	0.00	0.00
			88	-0.17	0.00	0.09	0.00	0.02	0.00
	11	44.1	92	-0.18	0.00	0.03	0.00	0.20	0.00
			88	-0.18	0.00	-0.01	0.00	0.20	0.00
	13	44.1	92	0.14	0.00	-0.27	0.00	-0.20	0.00
			88	0.14	0.00	-0.10	0.00	-0.23	0.00
	5 (CQC)	44.1	92	0.35	0.00	0.13	0.00	0.31	0.00
			88	0.35	0.00	0.13	0.00	0.34	0.00
	6 (CQC)	44.1	92	0.00	0.18	0.00	0.01	0.00	0.05
			88	0.00	0.18	0.00	0.01	0.00	0.02
45	1	45.1	118	-0.10	0.00	0.01	0.00	-0.02	0.00
			111	-0.11	0.00	0.03	0.00	-0.02	0.00
	2	45.1	118	-0.05	0.00	-0.02	0.00	-0.07	0.00
			111	-0.07	0.00	0.10	0.00	-0.06	0.00
	3	45.1	118	-0.08	0.00	-0.13	0.00	0.08	0.00
			111	-0.08	0.00	-0.13	0.00	0.06	0.00

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
	4	45.1	118	1.30	0.00	0.09	0.00	-0.67	0.00
			111	1.30	0.00	0.09	0.00	-0.65	0.00
	7	45.1	118	0.02	0.00	-0.01	0.00	0.00	0.00
			111	0.02	0.00	-0.01	0.00	0.00	0.00
	9	45.1	118	-0.05	0.00	0.04	0.00	-0.05	0.00
			111	-0.05	0.00	0.10	0.00	-0.04	0.00
	11	45.1	118	-0.11	0.00	0.33	0.00	0.05	0.00
			111	-0.11	0.00	0.29	0.00	0.11	0.00
	13	45.1	118	-0.07	0.00	-0.34	0.00	0.03	0.00
			111	-0.07	0.00	-0.39	0.00	-0.04	0.00
	5 (CQC)	45.1	118	0.08	0.00	0.50	0.00	0.02	0.00
			111	0.08	0.00	0.50	0.00	0.11	0.00
	6 (CQC)	45.1	118	0.00	0.04	0.00	0.01	0.00	0.02
			111	0.00	0.04	0.00	0.01	0.00	0.01
46	1	46.1	111	-0.11	0.00	0.01	0.00	-0.02	0.00
			106	-0.12	0.00	0.02	0.00	-0.01	0.00
	2	46.1	111	-0.09	0.00	0.08	0.00	-0.06	0.00
			106	-0.14	0.00	0.19	0.00	-0.03	0.00
	3	46.1	111	-0.04	0.00	-0.14	0.00	0.06	0.00
			106	-0.04	0.00	-0.14	0.00	0.03	0.00
	4	46.1	111	1.24	0.00	0.42	0.00	-0.65	0.00
			106	1.24	0.00	0.42	0.00	-0.57	0.00
	7	46.1	111	0.02	0.00	0.00	0.00	0.00	0.00
			106	0.02	0.00	0.00	0.00	0.00	0.00
	9	46.1	111	-0.08	0.00	0.08	0.00	-0.04	0.00
			106	-0.10	0.00	0.14	0.00	-0.02	0.00
	11	46.1	111	-0.18	0.00	0.25	0.00	0.11	0.00
			106	-0.18	0.00	0.20	0.00	0.15	0.00
	13	46.1	111	0.03	0.00	-0.39	0.00	-0.04	0.00
			106	0.03	0.00	-0.42	0.00	-0.11	0.00
	5 (CQC)	46.1	111	0.22	0.00	0.46	0.00	0.11	0.00
			106	0.22	0.00	0.46	0.00	0.20	0.00
	6 (CQC)	46.1	111	0.00	0.05	0.00	0.00	0.00	0.01
			106	0.00	0.05	0.00	0.00	0.00	0.00
47	1	47.1	87	-0.31	-0.36	0.12	-0.01	0.02	0.02
			75	-0.33	-0.36	0.13	-0.01	0.04	-0.05
	2	47.1	87	-0.19	-0.06	0.07	0.00	0.02	0.00
			75	-0.19	-0.06	0.07	0.00	0.03	-0.01
	3	47.1	87	-0.24	-0.56	0.08	-0.01	0.02	0.03
			75	-0.24	-0.56	0.08	-0.01	0.03	-0.07
	4	47.1	87	0.21	-0.29	0.78	-0.06	-0.21	-0.02
			75	0.21	-0.29	0.78	-0.06	-0.06	-0.08
	7	47.1	87	-0.02	-0.03	-0.01	-0.01	0.01	0.00
			75	-0.02	-0.03	-0.01	-0.01	0.01	-0.01
	9	47.1	87	-0.12	-0.04	0.05	0.00	0.01	0.00
			75	-0.12	-0.04	0.05	0.00	0.02	-0.01
	11	47.1	87	-0.36	-0.07	0.01	0.01	0.20	0.01
			75	-0.36	-0.07	-0.01	0.01	0.20	-0.01
	13	47.1	87	0.37	0.08	-0.09	-0.01	-0.22	-0.01
			75	0.37	0.08	0.01	-0.01	-0.23	0.01
	5 (CQC)	47.1	87	0.72	0.17	0.12	0.01	0.35	0.01
			75	0.72	0.17	0.12	0.01	0.37	0.02
	6 (CQC)	47.1	87	0.04	0.06	0.02	0.01	0.00	0.02
			75	0.04	0.06	0.02	0.01	0.01	0.01
48	1	48.1	84	-0.27	0.36	-0.19	0.01	0.02	0.02
			102	-0.25	0.36	-0.18	0.01	-0.02	0.08
	2	48.1	84	-0.16	0.06	-0.12	0.00	0.02	0.00
			102	-0.15	0.06	-0.11	0.00	-0.01	0.01
	3	48.1	84	-0.21	0.56	-0.14	0.02	0.02	0.03
			102	-0.21	0.56	-0.14	0.02	-0.01	0.13
	4	48.1	84	0.40	0.30	-0.70	0.05	-0.21	-0.03
			102	0.40	0.30	-0.70	0.05	-0.34	0.02
	7	48.1	84	-0.02	0.03	0.01	0.01	0.01	0.00
			102	-0.02	0.03	0.01	0.01	0.01	0.00
	9	48.1	84	-0.14	0.05	-0.10	0.00	0.01	0.00
			102	-0.13	0.05	-0.09	0.00	-0.01	0.01
	11	48.1	84	0.33	-0.08	0.19	0.01	-0.22	-0.01

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			102	0.33	-0.08	0.27	0.01	-0.18	-0.02
	13	48.1	84	-0.35	0.06	-0.11	-0.01	0.20	0.01
			102	-0.35	0.06	-0.13	-0.01	0.18	0.02
	5 (CQC)	48.1	84	0.66	0.17	0.32	0.01	0.34	0.02
			102	0.66	0.17	0.32	0.01	0.29	0.05
	6 (CQC)	48.1	84	0.04	0.05	0.03	0.01	0.00	0.02
			102	0.04	0.05	0.03	0.01	0.00	0.03
49	1	49.1	104	-0.02	0.09	-0.11	0.00	-0.03	0.02
			112	-0.01	0.09	-0.09	0.00	-0.05	0.04
	2	49.1	104	-0.05	0.02	-0.12	0.00	-0.03	0.00
			112	-0.03	0.02	-0.07	0.00	-0.05	0.01
	3	49.1	104	0.01	0.12	-0.07	0.00	-0.01	0.03
			112	0.01	0.12	-0.07	0.00	-0.02	0.06
	4	49.1	104	0.74	0.12	-0.35	0.02	-0.47	-0.01
			112	0.74	0.12	-0.35	0.02	-0.53	0.01
	7	49.1	104	-0.02	0.01	0.00	0.00	0.01	0.00
			112	-0.02	0.01	0.00	0.00	0.01	0.00
	9	49.1	104	-0.04	0.01	-0.10	0.00	-0.03	0.00
			112	-0.02	0.01	-0.04	0.00	-0.04	0.00
	11	49.1	104	0.11	-0.01	0.41	0.01	-0.12	0.00
			112	0.11	-0.01	0.39	0.01	-0.04	0.00
	13	49.1	104	-0.21	0.00	-0.28	-0.01	0.15	0.00
			112	-0.21	0.00	-0.30	-0.01	0.09	0.00
	5 (CQC)	49.1	104	0.30	0.02	0.57	0.01	0.22	0.01
			112	0.30	0.02	0.57	0.01	0.11	0.01
	6 (CQC)	49.1	104	0.02	0.03	0.02	0.00	0.01	0.00
			112	0.02	0.03	0.02	0.00	0.01	0.01
50	1	50.1	103	-0.05	-0.09	0.10	0.00	-0.03	0.02
			95	-0.06	-0.09	0.12	0.00	-0.01	0.00
	2	50.1	103	-0.08	-0.02	0.11	0.00	-0.03	0.00
			95	-0.10	-0.02	0.14	0.00	-0.01	0.00
	3	50.1	103	-0.01	-0.12	0.07	0.01	-0.01	0.03
			95	-0.01	-0.12	0.07	0.01	0.00	0.01
	4	50.1	103	0.62	-0.12	0.53	-0.02	-0.47	-0.01
			95	0.62	-0.12	0.53	-0.02	-0.37	-0.03
	7	50.1	103	-0.02	-0.01	-0.01	0.00	0.01	0.00
			95	-0.02	-0.01	-0.01	0.00	0.01	0.00
	9	50.1	103	-0.06	-0.02	0.08	0.00	-0.02	0.00
			95	-0.07	-0.02	0.09	0.00	0.00	0.00
	11	50.1	103	-0.27	0.00	0.22	0.01	0.15	0.00
			95	-0.27	0.00	0.20	0.01	0.19	0.00
	13	50.1	103	0.21	0.01	-0.37	-0.01	-0.12	0.00
			95	0.21	0.01	-0.33	-0.01	-0.18	0.00
	5 (CQC)	50.1	103	0.45	0.02	0.47	0.02	0.22	0.00
			95	0.45	0.02	0.47	0.02	0.31	0.00
	6 (CQC)	50.1	103	0.01	0.04	0.02	0.00	0.01	0.00
			95	0.01	0.04	0.02	0.00	0.00	0.00
51	1	51.1	82	-0.33	0.36	-0.13	0.01	0.04	-0.05
			84	-0.31	0.36	-0.12	0.01	0.02	0.02
	2	51.1	82	-0.19	0.06	-0.07	0.00	0.03	-0.01
			84	-0.19	0.06	-0.07	0.00	0.02	0.00
	3	51.1	82	-0.24	0.56	-0.08	0.01	0.03	-0.07
			84	-0.24	0.56	-0.08	0.01	0.02	0.03
	4	51.1	82	0.21	0.30	-0.78	0.06	-0.06	-0.08
			84	0.21	0.30	-0.78	0.06	-0.21	-0.02
	7	51.1	82	-0.02	0.03	0.01	0.01	0.01	-0.01
			84	-0.02	0.03	0.01	0.01	0.01	0.00
	9	51.1	82	-0.16	0.05	-0.06	0.00	0.02	-0.01
			84	-0.16	0.05	-0.06	0.00	0.01	0.00
	11	51.1	82	0.36	-0.08	-0.01	0.01	-0.23	0.01
			84	0.36	-0.08	0.10	0.01	-0.22	-0.01
	13	51.1	82	-0.36	0.06	0.01	-0.01	0.20	-0.01
			84	-0.36	0.06	-0.01	-0.01	0.20	0.01
	5 (CQC)	51.1	82	0.72	0.17	0.13	0.02	0.37	0.02
			84	0.72	0.17	0.13	0.02	0.34	0.01
	6 (CQC)	51.1	82	0.04	0.06	0.02	0.01	0.01	0.01
			84	0.04	0.06	0.02	0.01	0.00	0.02

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
52	1	52.1	112	0.02	0.09	-0.09	0.01	-0.05	0.04
			121	0.02	0.09	-0.07	0.01	-0.07	0.05
	2	52.1	112	-0.01	0.02	-0.07	0.00	-0.05	0.01
			121	0.00	0.02	-0.01	0.00	-0.06	0.01
	3	52.1	112	0.03	0.12	-0.06	0.02	-0.02	0.06
			121	0.03	0.12	-0.06	0.02	-0.03	0.08
	4	52.1	112	0.81	0.12	-0.15	0.02	-0.53	0.01
			121	0.81	0.12	-0.15	0.02	-0.56	0.03
	7	52.1	112	-0.02	0.01	0.00	0.00	0.01	0.00
			121	-0.02	0.01	0.00	0.00	0.01	0.00
	9	52.1	112	0.00	0.01	-0.04	0.00	-0.04	0.00
			121	0.00	0.01	0.02	0.00	-0.04	0.01
	11	52.1	112	0.00	-0.01	0.41	0.00	-0.04	-0.01
			121	0.00	-0.01	0.39	0.00	0.03	-0.01
	13	52.1	112	-0.12	0.00	-0.35	-0.01	0.09	0.01
			121	-0.12	0.00	-0.37	-0.01	0.03	0.01
	5 (CQC)	52.1	112	0.13	0.02	0.63	0.01	0.11	0.01
			121	0.13	0.02	0.63	0.01	0.01	0.02
	6 (CQC)	52.1	112	0.02	0.02	0.01	0.00	0.01	0.01
			121	0.02	0.02	0.01	0.00	0.01	0.01
53	1	53.1	102	-0.06	0.09	-0.12	0.00	-0.01	0.00
			104	-0.04	0.09	-0.10	0.00	-0.03	0.02
	2	53.1	102	-0.10	0.02	-0.14	0.00	-0.01	0.00
			104	-0.08	0.02	-0.11	0.00	-0.03	0.00
	3	53.1	102	-0.01	0.12	-0.07	-0.01	0.00	0.01
			104	-0.01	0.12	-0.07	-0.01	-0.01	0.03
	4	53.1	102	0.62	0.12	-0.53	0.02	-0.37	-0.03
			104	0.62	0.12	-0.53	0.02	-0.47	-0.01
	7	53.1	102	-0.02	0.01	0.01	0.00	0.01	0.00
			104	-0.02	0.01	0.01	0.00	0.01	0.00
	9	53.1	102	-0.09	0.01	-0.11	0.00	-0.01	0.00
			104	-0.06	0.01	-0.08	0.00	-0.03	0.00
	11	53.1	102	0.21	-0.01	0.33	0.01	-0.18	0.00
			104	0.21	-0.01	0.37	0.01	-0.12	0.00
	13	53.1	102	-0.27	0.00	-0.20	-0.01	0.19	0.00
			104	-0.27	0.00	-0.22	-0.01	0.15	0.00
	5 (CQC)	53.1	102	0.45	0.02	0.47	0.02	0.30	0.00
			104	0.45	0.02	0.47	0.02	0.22	0.00
	6 (CQC)	53.1	102	0.01	0.04	0.02	0.00	0.00	0.00
			104	0.01	0.04	0.02	0.00	0.01	0.00
54	1	54.1	95	-0.25	-0.36	0.18	-0.01	-0.02	0.09
			87	-0.27	-0.36	0.19	-0.01	0.02	0.02
	2	54.1	95	-0.15	-0.06	0.11	0.00	-0.01	0.01
			87	-0.16	-0.06	0.12	0.00	0.02	0.00
	3	54.1	95	-0.21	-0.56	0.14	-0.02	-0.01	0.13
			87	-0.21	-0.56	0.14	-0.02	0.02	0.03
	4	54.1	95	0.40	-0.29	0.70	-0.05	-0.34	0.02
			87	0.40	-0.29	0.70	-0.05	-0.21	-0.03
	7	54.1	95	-0.02	-0.03	-0.01	-0.01	0.01	0.00
			87	-0.02	-0.03	-0.01	-0.01	0.01	0.00
	9	54.1	95	-0.10	-0.04	0.07	0.00	0.00	0.01
			87	-0.11	-0.04	0.08	0.00	0.01	0.00
	11	54.1	95	-0.35	-0.07	0.13	0.01	0.18	0.02
			87	-0.35	-0.07	0.11	0.01	0.20	0.01
	13	54.1	95	0.33	0.08	-0.27	-0.01	-0.18	-0.02
			87	0.33	0.08	-0.19	-0.01	-0.22	-0.01
	5 (CQC)	54.1	95	0.66	0.17	0.32	0.01	0.29	0.05
			87	0.66	0.17	0.32	0.01	0.35	0.02
	6 (CQC)	54.1	95	0.04	0.05	0.03	0.01	0.00	0.03
			87	0.04	0.05	0.03	0.01	0.00	0.02
55	1	55.1	121	0.02	-0.09	0.07	-0.01	-0.07	0.05
			109	0.02	-0.09	0.09	-0.01	-0.05	0.04
	2	55.1	121	0.00	-0.02	0.01	0.00	-0.06	0.01
			109	-0.01	-0.02	0.07	0.00	-0.05	0.01
	3	55.1	121	0.03	-0.12	0.06	-0.02	-0.03	0.08
			109	0.03	-0.12	0.06	-0.02	-0.02	0.06
	4	55.1	121	0.81	-0.12	0.15	-0.02	-0.56	0.03

Forze elementi lineari per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fx(kN)***	***Fy(kN)***	***Fz(kN)***	***Mx(kN*m)***	***My(kN*m)***	***Mz(kN*m)***
			109	0.81	-0.12	0.15	-0.02	-0.53	0.01
	7	55.1	121	-0.02	-0.01	0.00	0.00	0.01	0.00
			109	-0.02	-0.01	0.00	0.00	0.01	0.00
	9	55.1	121	0.00	-0.02	0.03	0.00	-0.04	0.01
			109	-0.01	-0.02	0.06	0.00	-0.03	0.00
	11	55.1	121	-0.12	0.00	0.37	0.01	0.03	0.01
			109	-0.12	0.00	0.35	0.01	0.09	0.01
	13	55.1	121	0.00	0.01	-0.39	0.00	0.03	-0.01
			109	0.00	0.01	-0.41	0.00	-0.04	-0.01
	5 (CQC)	55.1	121	0.13	0.02	0.63	0.01	0.01	0.02
			109	0.13	0.02	0.63	0.01	0.11	0.01
	6 (CQC)	55.1	121	0.02	0.02	0.01	0.00	0.01	0.01
			109	0.02	0.02	0.01	0.00	0.01	0.01
56	1	56.1	109	-0.01	-0.09	0.09	0.00	-0.05	0.04
			103	-0.02	-0.09	0.11	0.00	-0.03	0.02
	2	56.1	109	-0.03	-0.02	0.07	0.00	-0.05	0.01
			103	-0.05	-0.02	0.12	0.00	-0.03	0.00
	3	56.1	109	0.01	-0.12	0.07	0.00	-0.02	0.06
			103	0.01	-0.12	0.07	0.00	-0.01	0.04
	4	56.1	109	0.74	-0.12	0.35	-0.02	-0.53	0.01
			103	0.74	-0.12	0.35	-0.02	-0.47	-0.01
	7	56.1	109	-0.02	-0.01	0.00	0.00	0.01	0.00
			103	-0.02	-0.01	0.00	0.00	0.01	0.00
	9	56.1	109	-0.02	-0.02	0.06	0.00	-0.03	0.00
			103	-0.03	-0.02	0.09	0.00	-0.02	0.00
	11	56.1	109	-0.21	0.00	0.30	0.01	0.09	0.00
			103	-0.21	0.00	0.28	0.01	0.15	0.00
	13	56.1	109	0.11	0.01	-0.39	-0.01	-0.04	0.00
			103	0.11	0.01	-0.41	-0.01	-0.12	0.00
	5 (CQC)	56.1	109	0.30	0.02	0.57	0.01	0.11	0.01
			103	0.30	0.02	0.57	0.01	0.22	0.01
	6 (CQC)	56.1	109	0.02	0.03	0.02	0.00	0.01	0.01
			103	0.02	0.03	0.02	0.00	0.01	0.00

Elementi superficiali

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
1	1	1.1	128	-0.39	0.73	3.16	0.14	0.01	0.00
			129	-0.67	0.31	-0.14	0.13	0.10	0.00
			7	-1.85	-0.12	-0.89	-0.05	-0.17	0.00
			123	-4.00	-0.40	2.60	-0.07	-0.05	0.00
		1.2	21	0.10	0.10	0.46	0.00	0.03	0.00
			129	1.99	0.68	0.67	-0.04	0.03	0.00
			130	1.72	0.09	-0.01	-0.05	-0.03	0.00
			8	-1.42	-0.75	-0.20	-0.06	-0.03	0.00
		1.3	21	0.17	-0.09	-0.05	0.64	-0.61	0.00
			24	-0.22	-0.21	-0.15	0.58	-0.60	0.00
			9	-0.45	-0.14	-0.15	-0.28	0.04	0.00
			7	-0.13	0.02	-0.04	-0.19	0.07	0.00
		1.4	8	-1.98	-1.10	-0.29	0.10	-0.08	0.00
			130	-1.16	-0.79	-0.47	-0.14	-0.04	0.00
			131	-0.53	1.24	-2.11	-0.14	0.02	0.00
			124	-3.34	0.33	-1.64	0.14	0.01	0.00
		1.5	24	0.14	-0.07	0.09	-0.01	-0.01	0.00
			136	0.06	-0.09	0.14	0.00	-0.01	0.00
			126	0.00	-0.29	0.18	0.00	0.01	0.00
			134	0.07	-0.27	0.13	-0.01	0.01	0.00
		1.6	125	-0.61	-1.39	-0.77	0.00	0.04	0.00
			136	-0.24	-0.21	-0.65	0.00	-0.01	0.00
			24	0.28	-0.04	0.09	-0.03	-0.01	0.00
			10	-0.05	-0.93	-0.08	-0.02	0.04	0.00
		1.7	10	0.16	-0.32	-0.01	0.01	0.13	0.00
			24	0.15	-0.11	-0.10	-0.18	-0.56	0.00
			21	-0.61	-0.34	0.10	-0.51	-0.55	0.00
			8	-0.38	-0.52	0.15	0.08	0.13	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
		1.8	135	-0.46	-0.49	0.36	0.06	-0.01	0.00
			127	0.26	-0.27	0.58	-0.03	-0.01	0.00
			125	0.13	-0.66	0.42	-0.03	0.03	0.00
			10	-0.48	-0.93	0.21	0.05	0.05	0.00
		1.9	9	0.14	0.32	0.23	-0.06	0.11	0.00
			132	0.30	0.02	-0.84	-0.04	-0.04	0.00
			123	-2.07	-0.68	-0.93	-0.09	-0.04	0.00
			7	-2.59	-0.59	-0.17	-0.13	0.09	0.00
		1.10	8	0.17	-0.31	-0.04	-0.05	0.11	0.00
			133	0.59	0.33	-0.30	0.06	-0.09	0.00
			135	-0.12	0.11	0.03	0.08	-0.08	0.00
			10	-0.44	-0.57	0.26	0.03	0.10	0.00
		1.11	9	0.02	-0.67	0.03	-0.03	-0.14	0.00
			24	0.08	-0.24	-0.17	-0.01	-0.16	0.00
			134	0.20	0.16	-0.15	-0.01	0.06	0.00
			132	0.27	0.19	0.05	-0.04	0.06	0.00
		1.12	133	-0.86	-0.50	0.61	-0.03	0.08	0.00
			8	-0.86	-0.50	0.61	0.08	-0.13	0.00
			124	-0.86	-0.50	0.61	0.17	0.08	0.00
		1.13	129	-0.61	-0.14	0.12	0.09	0.03	0.00
			21	-0.61	-0.14	0.12	-0.13	0.03	0.00
			7	-0.61	-0.14	0.12	0.00	-0.08	0.00
	2	2.1	139	0.00	-0.29	-0.19	0.00	-0.01	0.00
			143	0.05	-0.11	-0.14	0.00	0.01	0.00
			28	0.14	-0.08	-0.09	-0.01	0.01	0.00
			144	0.09	-0.27	-0.14	-0.01	-0.01	0.00
		2.2	150	1.70	0.05	0.08	-0.05	0.03	0.00
			149	1.96	0.59	-0.57	-0.04	-0.03	0.00
			31	0.12	0.02	-0.38	0.00	-0.03	0.00
			3	-1.35	-0.77	0.25	-0.06	0.03	0.00
		2.3	2	0.02	-0.71	-0.05	-0.03	0.14	0.00
			146	0.29	0.21	-0.08	-0.04	-0.06	0.00
			144	0.21	0.17	0.13	-0.01	-0.06	0.00
			28	0.08	-0.25	0.16	-0.01	0.16	0.00
		2.4	138	0.13	-0.66	-0.38	-0.03	-0.03	0.00
			140	0.26	-0.26	-0.54	-0.03	0.01	0.00
			145	-0.46	-0.48	-0.31	0.06	0.01	0.00
			1	-0.47	-0.93	-0.16	0.05	-0.05	0.00
		2.5	149	-0.68	0.28	0.10	0.13	-0.10	0.00
			148	-0.39	0.76	-3.18	0.14	-0.01	0.00
			141	-3.98	-0.38	-2.62	-0.07	0.05	0.00
			4	-1.86	-0.16	0.85	-0.05	0.17	0.00
		2.6	28	0.30	-0.05	-0.04	-0.04	0.01	0.00
			143	-0.25	-0.23	0.69	0.00	0.01	0.00
			138	-0.61	-1.39	0.81	0.00	-0.04	0.00
			1	-0.03	-0.93	0.13	-0.02	-0.03	0.00
		2.7	3	-0.36	-0.53	-0.09	0.08	-0.13	0.00
			31	-0.59	-0.37	-0.03	-0.51	0.55	0.00
			28	0.16	-0.14	0.15	-0.18	0.56	0.00
			1	0.18	-0.33	0.06	0.00	-0.13	0.00
		2.8	142	-3.29	0.41	1.68	0.14	-0.01	0.00
			151	-0.50	1.32	2.19	-0.14	-0.03	0.00
			150	-1.17	-0.83	0.56	-0.14	0.04	0.00
			3	-1.99	-1.14	0.37	0.10	0.08	0.00
		2.9	2	0.14	0.29	-0.25	-0.06	-0.11	0.00
			4	-2.60	-0.61	0.13	-0.13	-0.09	0.00
			141	-2.06	-0.66	0.89	-0.10	0.04	0.00
			146	0.32	0.05	0.82	-0.04	0.04	0.00
		2.10	1	-0.44	-0.59	-0.21	0.03	-0.10	0.00
			145	-0.10	0.15	0.02	0.08	0.08	0.00
			147	0.61	0.37	0.39	0.06	0.08	0.00
			3	0.18	-0.33	0.11	-0.05	-0.11	0.00
		2.11	4	-0.11	-0.02	0.02	-0.19	-0.07	0.00
			2	-0.45	-0.18	0.13	-0.28	-0.04	0.00
			28	-0.20	-0.24	0.13	0.58	0.60	0.00
			31	0.22	-0.12	0.03	0.64	0.61	0.00
		2.12	149	-0.61	-0.22	-0.16	0.08	-0.03	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			4	-0.61	-0.22	-0.16	0.00	0.08	0.00
			31	-0.61	-0.22	-0.16	-0.13	-0.03	0.00
		2.13	147	-0.85	-0.43	-0.53	-0.03	-0.08	0.00
			142	-0.85	-0.43	-0.53	0.17	-0.08	0.00
			3	-0.85	-0.43	-0.53	0.08	0.13	0.00
Min (elemento, nodo)				**-4.00 (1, 123)**	**-1.39 (1, 125)**	**-3.18 (2, 148)**	**-0.51 (1, 21)**	**-0.61 (1, 21)**	**0.00 (1, 128)**
Max (elemento, nodo)				**1.99 (1, 129)**	**1.32 (2, 151)**	**3.16 (1, 128)**	**0.64 (1, 21)**	**0.61 (2, 31)**	**0.00 (1, 128)**
2	1	1.1	128	-0.01	-0.03	-0.01	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.01	0.01	0.00	0.00	0.00	0.00
			123	0.00	-0.02	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.01	0.00	0.00
			129	-0.01	0.00	0.00	-0.01	0.00	0.00
			130	-0.01	0.00	0.00	-0.01	0.00	0.00
			8	0.01	0.00	0.00	0.02	0.00	0.00
		1.3	21	0.00	-0.01	0.00	0.07	-0.09	0.00
			24	0.00	-0.01	0.00	0.08	-0.09	0.00
			9	0.01	0.00	0.00	-0.05	0.01	0.00
			7	0.00	0.00	0.00	-0.05	0.01	0.00
		1.4	8	0.01	0.00	0.01	0.00	0.00	0.00
			130	0.00	0.00	0.01	0.00	0.00	0.00
			131	0.00	-0.02	0.01	0.00	0.00	0.00
			124	0.01	-0.01	0.01	0.00	0.00	0.00
		1.5	24	0.00	-0.03	0.00	0.00	0.00	0.00
			136	0.03	-0.02	0.00	0.00	0.00	0.00
			126	0.03	-0.02	-0.02	0.00	0.00	0.00
			134	0.00	-0.03	-0.02	0.00	0.00	0.00
		1.6	125	0.06	0.00	0.02	0.00	0.00	0.00
			136	0.05	-0.01	0.00	0.00	0.00	0.00
			24	-0.01	-0.03	0.00	0.01	0.00	0.00
			10	0.00	-0.02	0.01	0.01	0.00	0.00
		1.7	10	0.01	0.00	0.00	0.01	0.02	0.00
			24	0.00	-0.01	0.00	-0.02	-0.08	0.00
			21	0.00	-0.01	0.00	-0.05	-0.08	0.00
			8	0.00	0.00	0.00	0.03	0.02	0.00
		1.8	135	0.00	-0.03	0.02	0.00	0.00	0.00
			127	0.02	-0.02	0.01	0.00	0.00	0.00
			125	0.03	-0.01	0.01	0.00	0.00	0.00
			10	0.00	-0.02	0.01	0.00	0.00	0.00
		1.9	9	0.00	-0.01	-0.01	-0.01	0.02	0.00
			132	0.00	0.01	-0.01	0.00	-0.01	0.00
			123	0.01	0.01	0.00	0.00	-0.01	0.00
			7	0.00	0.00	0.00	0.00	0.02	0.00
		1.10	8	0.00	-0.01	0.01	-0.01	0.02	0.00
			133	-0.01	-0.02	0.01	0.01	-0.01	0.00
			135	0.01	-0.02	0.01	0.00	-0.01	0.00
			10	0.01	0.00	0.00	0.00	0.02	0.00
		1.11	9	0.00	0.00	-0.01	0.00	-0.02	0.00
			24	0.01	-0.01	0.00	0.00	-0.02	0.00
			134	0.01	-0.02	-0.01	0.00	0.01	0.00
			132	0.00	-0.02	-0.01	0.00	0.01	0.00
		1.12	133	0.01	0.00	0.00	0.00	0.00	0.00
			8	0.01	0.00	0.00	0.00	0.00	0.00
			124	0.01	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	-0.04	0.00	0.00
			7	0.00	0.00	0.00	-0.01	-0.02	0.00
	2	2.1	139	0.03	-0.02	0.01	0.00	0.00	0.00
			143	0.03	-0.02	0.00	0.00	0.00	0.00
			28	0.00	-0.03	0.00	0.00	0.00	0.00
			144	0.00	-0.03	0.01	0.00	0.00	0.00
		2.2	150	-0.01	-0.01	0.00	-0.01	0.00	0.00
			149	-0.01	-0.01	0.01	-0.01	0.00	0.00
			31	0.00	-0.01	0.01	0.01	0.00	0.00
			3	0.01	0.00	0.00	0.02	0.00	0.00
		2.3	2	0.00	-0.01	0.00	0.00	0.02	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			146	0.00	-0.02	0.00	0.00	-0.01	0.00
			144	0.01	-0.01	0.00	0.00	-0.01	0.00
			28	0.01	-0.01	0.00	0.00	0.02	0.00
		2.4	138	0.03	-0.02	0.00	0.00	0.00	0.00
			140	0.02	-0.02	-0.01	0.00	0.00	0.00
			145	0.00	-0.03	-0.01	0.00	0.00	0.00
			1	0.00	-0.02	-0.01	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	-0.01	-0.02	0.00	0.00	0.00	0.00
			141	0.00	-0.02	0.00	0.00	0.00	0.00
			4	0.01	0.01	-0.01	0.00	0.01	0.00
		2.6	28	0.00	-0.03	0.01	0.01	0.00	0.00
			143	0.05	-0.02	0.00	0.00	0.00	0.00
			138	0.06	0.00	-0.01	0.00	0.00	0.00
			1	0.01	-0.02	0.00	0.01	0.00	0.00
		2.7	3	0.01	-0.01	0.01	0.03	-0.02	0.00
			31	0.00	-0.02	0.01	-0.05	0.08	0.00
			28	0.00	-0.02	0.00	-0.02	0.08	0.00
			1	0.01	-0.01	0.00	0.01	-0.02	0.00
		2.8	142	0.01	0.00	0.00	0.00	0.00	0.00
			151	0.00	-0.01	-0.01	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.01	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	-0.01	0.00	-0.01	-0.02	0.00
			4	0.00	-0.01	-0.01	0.00	-0.02	0.00
			141	0.01	0.02	-0.01	0.00	0.01	0.00
			146	0.01	0.02	0.00	0.00	0.01	0.00
		2.10	1	0.01	-0.01	0.00	0.00	-0.02	0.00
			145	0.01	-0.01	0.00	0.00	0.01	0.00
			147	-0.01	-0.02	0.00	0.01	0.01	0.00
			3	0.00	-0.01	0.00	-0.01	-0.02	0.00
		2.11	4	0.01	-0.01	0.00	-0.05	-0.01	0.00
			2	0.01	-0.01	0.00	-0.05	-0.01	0.00
			28	0.00	-0.02	0.00	0.08	0.09	0.00
			31	0.00	-0.02	-0.01	0.07	0.09	0.00
		2.12	149	0.01	-0.01	0.00	0.00	0.00	0.00
			4	0.01	-0.01	0.00	-0.01	0.02	0.00
			31	0.01	-0.01	0.00	-0.03	0.00	0.00
		2.13	147	0.01	0.01	0.00	0.00	0.00	0.00
			142	0.01	0.01	0.00	0.00	0.00	0.00
			3	0.01	0.01	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**-0.01 (1, 128)**	**-0.03 (1, 128)**	**-0.02 (1, 126)**	**-0.05 (1, 9)**	**-0.09 (1, 21)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.06 (1, 125)**	**0.02 (2, 141)**	**0.02 (1, 125)**	**0.08 (1, 24)**	**0.09 (2, 28)**	**0.00 (1, 128)**
3	1	1.1	128	-3.70	9.17	32.65	1.23	0.08	0.00
			129	-7.01	3.31	-1.38	1.16	1.30	0.00
			7	-19.26	-1.46	-9.26	-0.72	-1.44	0.00
			123	-41.02	-2.77	26.72	-0.85	-0.52	0.00
		1.2	21	0.98	1.37	5.03	-0.89	0.61	0.00
			129	20.94	7.50	7.38	0.03	0.63	0.00
			130	17.94	0.94	0.24	-0.02	-0.33	0.00
			8	-15.10	-7.86	-2.02	-1.59	-0.14	0.00
		1.3	21	1.89	0.22	-0.88	2.43	-0.84	0.00
			24	-2.28	-1.02	-1.65	0.99	-0.83	0.00
			9	-4.88	-0.73	-1.43	0.01	-0.10	0.00
			7	-1.54	0.75	-0.49	1.10	0.24	0.00
		1.4	8	-20.65	-11.47	-3.16	1.12	-0.74	0.00
			130	-12.08	-8.20	-5.06	-1.45	-0.32	0.00
			131	-5.35	13.36	-22.11	-1.47	0.22	0.00
			124	-34.54	3.92	-17.04	1.44	0.08	0.00
		1.5	24	1.59	1.07	1.00	0.06	-0.13	0.00
			136	0.65	0.79	1.55	-0.04	-0.13	0.00
			126	-0.01	-1.43	2.01	-0.04	0.09	0.00
			134	0.92	-1.15	1.45	0.06	0.09	0.00
		1.6	125	-6.36	-13.45	-8.26	0.24	0.47	0.00
			136	-2.38	-0.48	-7.03	0.23	-0.11	0.00
			24	3.21	1.37	1.11	-0.81	-0.12	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			10	-0.40	-8.45	-0.76	-0.67	0.31	0.00
		1.7	10	1.55	-2.73	-0.11	-0.66	0.18	0.00
			24	1.63	0.02	-0.97	-0.91	-0.78	0.00
			21	-6.07	-2.35	1.57	-2.04	-0.76	0.00
			8	-4.00	-4.86	1.85	-1.19	0.23	0.00
		1.8	135	-4.83	-3.34	3.57	0.56	-0.12	0.00
			127	2.94	-0.94	6.22	-0.26	-0.13	0.00
			125	1.46	-5.63	4.49	-0.26	0.39	0.00
			10	-5.12	-8.57	2.00	0.41	0.50	0.00
		1.9	9	1.64	4.30	2.71	-0.22	-0.15	0.00
			132	2.79	-0.53	-8.26	-0.24	0.18	0.00
			123	-21.66	-7.79	-9.63	-1.23	0.19	0.00
			7	-26.65	-5.53	-1.93	-1.09	-0.42	0.00
		1.10	8	2.03	-2.48	-0.78	-0.11	0.10	0.00
			133	6.66	4.67	-3.73	0.15	-0.36	0.00
			135	-1.30	2.22	-0.04	0.65	-0.36	0.00
			10	-4.89	-5.33	2.52	0.54	0.04	0.00
		1.11	9	0.21	-6.61	0.55	-0.14	0.07	0.00
			24	0.68	-1.65	-1.68	0.08	-0.09	0.00
			134	2.09	3.00	-1.40	0.08	-0.06	0.00
			132	3.14	3.42	0.90	-0.13	-0.06	0.00
		1.12	133	-9.04	-5.55	6.15	-0.52	0.86	0.00
			8	-9.04	-5.55	6.15	0.80	-1.51	0.00
			124	-9.04	-5.55	6.15	1.81	0.86	0.00
		1.13	129	-6.49	-1.17	1.25	0.70	0.56	0.00
			21	-6.49	-1.17	1.25	0.83	0.56	0.00
			7	-6.49	-1.17	1.25	0.75	0.62	0.00
	2	2.1	139	-0.02	-1.45	-1.94	-0.04	-0.10	0.00
			143	0.63	0.70	-1.45	-0.04	0.13	0.00
			28	1.64	1.01	-0.91	0.06	0.13	0.00
			144	1.00	-1.15	-1.40	0.06	-0.10	0.00
		2.2	150	17.80	0.67	0.26	-0.03	0.34	0.00
			149	20.69	6.96	-6.73	0.02	-0.62	0.00
			31	1.15	0.95	-4.48	-0.90	-0.59	0.00
			3	-14.57	-7.97	2.38	-1.60	0.15	0.00
		2.3	2	0.21	-6.90	-0.57	-0.14	-0.07	0.00
			146	3.24	3.45	-0.93	-0.13	0.06	0.00
			144	2.16	3.01	1.44	0.08	0.06	0.00
			28	0.71	-1.78	1.73	0.08	0.09	0.00
		2.4	138	1.47	-5.61	-4.14	-0.25	-0.38	0.00
			140	2.98	-0.84	-5.86	-0.26	0.13	0.00
			145	-4.78	-3.24	-3.18	0.56	0.12	0.00
			1	-5.11	-8.56	-1.61	0.41	-0.50	0.00
		2.5	149	-7.10	3.07	1.26	1.16	-1.30	0.00
			148	-3.71	9.21	-32.68	1.23	-0.07	0.00
			141	-40.94	-2.75	-26.73	-0.85	0.53	0.00
			4	-19.34	-1.76	9.13	-0.72	1.43	0.00
		2.6	28	3.31	1.32	-0.71	-0.81	0.12	0.00
			143	-2.40	-0.56	7.36	0.23	0.11	0.00
			138	-6.35	-13.42	8.60	0.25	-0.47	0.00
			1	-0.29	-8.42	1.16	-0.68	-0.31	0.00
		2.7	3	-3.88	-4.86	-1.37	-1.18	-0.23	0.00
			31	-6.00	-2.54	-1.04	-2.03	0.76	0.00
			28	1.69	-0.18	1.35	-0.92	0.78	0.00
			1	1.66	-2.76	0.49	-0.66	-0.18	0.00
		2.8	142	-34.24	4.51	17.42	1.46	-0.13	0.00
			151	-5.13	13.94	22.66	-1.50	-0.26	0.00
			150	-12.11	-8.43	5.66	-1.47	0.33	0.00
			3	-20.66	-11.73	3.71	1.11	0.76	0.00
		2.9	2	1.66	4.07	-2.77	-0.22	0.15	0.00
			4	-26.70	-5.72	1.79	-1.09	0.42	0.00
			141	-21.64	-7.79	9.54	-1.24	-0.19	0.00
			146	2.90	-0.50	8.24	-0.24	-0.18	0.00
		2.10	1	-4.94	-5.44	-2.18	0.54	-0.04	0.00
			145	-1.20	2.56	0.44	0.64	0.36	0.00
			147	6.81	5.03	4.35	0.15	0.36	0.00
			3	2.04	-2.52	1.31	-0.11	-0.10	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
		2.11	4	-1.43	0.50	0.47	1.10	-0.23	0.00
			2	-4.93	-1.01	1.40	0.01	0.10	0.00
			28	-2.15	-1.21	1.68	0.99	0.83	0.00
			31	2.23	0.10	0.94	2.43	0.84	0.00
		2.12	149	-6.48	-1.62	-1.37	0.69	-0.54	0.00
			4	-6.48	-1.62	-1.37	0.75	-0.62	0.00
			31	-6.48	-1.62	-1.37	0.84	-0.54	0.00
		2.13	147	-8.97	-5.01	-5.58	-0.53	-0.87	0.00
			142	-8.97	-5.01	-5.58	1.81	-0.87	0.00
			3	-8.97	-5.01	-5.58	0.80	1.52	0.00
Min (elemento, nodo)				**-41.02 (1, 123)**	**-13.45 (1, 125)**	**-32.68 (2, 148)**	**-2.04 (1, 21)**	**-1.51 (1, 8)**	**0.00 (1, 128)**
Max (elemento, nodo)				**20.94 (1, 129)**	**13.94 (2, 151)**	**32.65 (1, 128)**	**2.43 (1, 21)**	**1.52 (2, 3)**	**0.00 (1, 128)**
4	1	1.1	128	0.01	0.02	-0.82	-0.03	-0.01	0.00
			129	0.06	0.08	-0.08	-0.03	0.00	0.00
			7	0.32	0.16	0.09	-0.01	0.04	0.00
			123	0.82	0.27	-0.70	0.00	0.00	0.00
		1.2	21	0.25	0.25	0.16	-0.05	0.03	0.00
			129	0.01	0.19	0.36	0.04	0.03	0.00
			130	-0.15	-0.37	0.44	0.03	0.00	0.00
			8	0.31	-0.13	0.09	-0.07	0.01	0.00
		1.3	21	0.10	0.12	-0.04	-0.26	0.34	0.00
			24	0.26	0.16	-0.03	-0.31	0.34	0.00
			9	0.36	0.17	-0.04	0.18	-0.03	0.00
			7	0.24	0.12	-0.07	0.19	-0.02	0.00
		1.4	8	0.33	-0.18	-0.04	-0.02	0.00	0.00
			130	-0.03	-0.28	-0.02	0.03	0.00	0.00
			131	0.01	-0.11	0.71	0.03	-0.02	0.00
			124	1.26	0.26	0.72	-0.02	-0.01	0.00
		1.5	24	0.24	-0.03	-0.08	0.01	0.01	0.00
			136	1.35	0.30	-0.10	0.01	0.01	0.00
			126	1.38	0.39	-0.65	0.01	-0.01	0.00
			134	0.26	0.05	-0.63	0.01	-0.01	0.00
		1.6	125	2.31	0.57	0.45	0.00	0.01	0.00
			136	2.28	0.58	0.01	0.00	0.01	0.00
			24	0.01	-0.10	0.01	-0.03	0.01	0.00
			10	0.31	-0.02	0.34	-0.03	0.00	0.00
		1.7	10	0.23	0.10	0.10	-0.05	-0.07	0.00
			24	0.25	0.16	0.11	0.06	0.32	0.00
			21	0.26	0.16	0.15	0.20	0.32	0.00
			8	0.24	0.10	0.13	-0.13	-0.07	0.00
		1.8	135	-0.22	-0.07	0.58	0.00	-0.01	0.00
			127	1.43	0.43	0.68	-0.02	-0.01	0.00
			125	1.36	0.26	0.31	-0.02	0.00	0.00
			10	0.02	-0.18	0.16	0.00	0.00	0.00
		1.9	9	0.32	0.13	-0.07	0.03	-0.08	0.00
			132	0.25	-0.05	0.00	0.02	0.03	0.00
			123	0.39	-0.01	-0.05	-0.01	0.03	0.00
			7	0.46	0.13	-0.11	0.02	-0.08	0.00
		1.10	8	0.34	0.17	-0.01	0.03	-0.06	0.00
			133	0.35	0.02	-0.01	-0.03	0.03	0.00
			135	0.19	-0.02	-0.10	-0.01	0.03	0.00
			10	0.22	0.15	-0.08	0.02	-0.06	0.00
		1.11	9	0.32	0.19	-0.05	0.01	0.10	0.00
			24	0.28	0.10	0.00	0.01	0.10	0.00
			134	0.26	0.03	0.00	0.01	-0.04	0.00
			132	0.27	0.04	-0.04	0.02	-0.04	0.00
		1.12	133	0.37	0.03	-0.03	-0.01	-0.01	0.00
			8	0.37	0.03	-0.03	-0.01	0.01	0.00
			124	0.37	0.03	-0.03	-0.02	-0.01	0.00
		1.13	129	0.16	0.20	-0.09	-0.01	0.03	0.00
			21	0.16	0.20	-0.09	0.13	0.03	0.00
			7	0.16	0.20	-0.09	0.04	0.10	0.00
	2	2.1	139	1.39	0.41	0.59	0.01	0.01	0.00
			143	1.34	0.27	0.05	0.01	0.00	0.00
			28	0.25	-0.06	0.01	0.01	0.00	0.00
			144	0.29	0.08	0.55	0.01	0.01	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
		2.2	150	-0.18	-0.47	-0.28	0.03	0.00	0.00
			149	-0.08	-0.06	-0.15	0.03	-0.02	0.00
			31	0.30	0.05	-0.01	-0.05	-0.02	0.00
			3	0.48	-0.20	-0.01	-0.07	-0.01	0.00
		2.3	2	0.31	0.08	-0.07	0.01	-0.10	0.00
			146	0.32	0.11	-0.08	0.02	0.04	0.00
			144	0.29	0.10	-0.08	0.01	0.04	0.00
			28	0.29	0.09	-0.07	0.01	-0.10	0.00
		2.4	138	1.36	0.25	-0.25	-0.02	0.00	0.00
			140	1.44	0.45	-0.61	-0.02	0.01	0.00
			145	-0.19	-0.04	-0.49	0.00	0.01	0.00
			1	0.03	-0.19	-0.08	0.00	0.00	0.00
		2.5	149	0.03	0.00	-0.08	-0.03	0.00	0.00
			148	0.04	0.14	0.70	-0.03	0.01	0.00
			141	0.88	0.37	0.60	0.00	0.00	0.00
			4	0.29	0.05	-0.25	-0.01	-0.03	0.00
		2.6	28	0.07	-0.12	0.05	-0.03	0.00	0.00
			143	2.26	0.54	0.04	0.00	0.00	0.00
			138	2.31	0.57	-0.39	0.01	-0.01	0.00
			1	0.36	-0.02	-0.27	-0.03	0.00	0.00
		2.7	3	0.30	0.06	-0.02	-0.13	0.07	0.00
			31	0.33	0.08	-0.03	0.20	-0.31	0.00
			28	0.27	0.06	-0.03	0.06	-0.32	0.00
			1	0.26	0.05	-0.02	-0.05	0.07	0.00
		2.8	142	1.37	0.40	-0.63	-0.02	0.00	0.00
			151	0.06	0.02	-0.57	0.02	0.00	0.00
			150	-0.05	-0.38	0.20	0.02	0.01	0.00
			3	0.32	-0.28	0.20	-0.02	0.00	0.00
		2.9	2	0.32	0.05	-0.04	0.03	0.08	0.00
			4	0.43	0.10	-0.07	0.02	0.08	0.00
			141	0.42	0.13	-0.10	-0.01	-0.03	0.00
			146	0.33	0.10	-0.09	0.02	-0.03	0.00
		2.10	1	0.22	0.09	0.16	0.02	0.06	0.00
			145	0.23	0.06	0.19	-0.01	-0.04	0.00
			147	0.39	0.10	0.18	-0.03	-0.04	0.00
			3	0.34	0.12	0.15	0.03	0.06	0.00
		2.11	4	0.30	0.04	-0.04	0.19	0.03	0.00
			2	0.40	0.08	-0.06	0.18	0.03	0.00
			28	0.32	0.08	-0.07	-0.31	-0.34	0.00
			31	0.20	0.04	-0.06	-0.26	-0.34	0.00
		2.12	149	0.19	-0.01	-0.07	-0.01	-0.02	0.00
			4	0.19	-0.01	-0.07	0.05	-0.10	0.00
			31	0.19	-0.01	-0.07	0.14	-0.02	0.00
		2.13	147	0.39	0.16	0.18	-0.01	0.01	0.00
			142	0.39	0.16	0.18	-0.02	0.01	0.00
			3	0.39	0.16	0.18	-0.01	-0.01	0.00
Min (elemento, nodo)				**-0.22 (1, 135)**	**-0.47 (2, 150)**	**-0.82 (1, 128)**	**-0.31 (1, 24)**	**-0.34 (2, 28)**	**0.00 (1, 128)**
Max (elemento, nodo)				**2.31 (1, 125)**	**0.58 (1, 136)**	**0.72 (1, 124)**	**0.20 (1, 21)**	**0.34 (1, 21)**	**0.00 (1, 128)**
7	1	1.1	128	-309.59	-87.02	-205.77	-6.40	-1.56	0.00
			129	-266.86	32.11	-51.62	-6.20	-4.75	0.00
			7	-205.28	74.50	-12.08	-0.79	3.10	0.00
			123	-136.89	-18.90	-166.63	-0.38	0.19	0.00
		1.2	21	-181.47	-23.78	20.25	-0.56	0.69	0.00
			129	-418.48	-95.96	2.39	2.06	0.71	0.00
			130	-391.51	-46.88	86.69	2.04	1.34	0.00
			8	2.96	63.43	96.62	0.21	1.59	0.00
		1.3	21	-200.75	-61.66	-5.81	0.34	0.30	0.00
			24	-63.35	-20.43	-7.07	-0.70	0.30	0.00
			9	34.76	10.41	-33.32	-0.27	-0.03	0.00
			7	-69.94	-20.38	-43.83	0.45	0.20	0.00
		1.4	8	-212.20	40.80	41.30	2.00	2.32	0.00
			130	-269.10	19.65	52.86	7.04	1.45	0.00
			131	-308.37	-105.44	166.40	7.11	-5.06	0.00
			124	-114.14	-43.24	136.49	-0.88	-4.65	0.00
		1.5	24	-7.08	-21.47	6.83	0.05	0.16	0.00
			136	-2.03	-19.96	-2.17	-0.02	0.16	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			126	8.77	16.06	-4.65	-0.02	-0.13	0.00
			134	3.72	14.54	4.35	0.05	-0.13	0.00
		1.6	125	3.87	-15.79	0.98	-0.26	0.12	0.00
			136	3.27	-18.30	2.75	-0.25	0.16	0.00
			24	12.48	-15.57	1.17	0.56	0.17	0.00
			10	11.84	-14.04	0.05	0.58	0.26	0.00
		1.7	10	31.55	-16.35	23.22	0.42	-0.30	0.00
			24	20.42	3.49	-0.22	0.59	0.27	0.00
			21	-156.23	-49.99	21.73	-0.82	0.27	0.00
			8	-93.87	-57.92	42.65	-1.20	-0.16	0.00
		1.8	135	13.41	21.06	-11.66	0.19	-0.24	0.00
			127	9.01	20.27	8.03	-0.12	-0.24	0.00
			125	-1.49	-14.85	8.81	-0.12	0.16	0.00
			10	-0.16	-21.67	-6.90	0.08	0.19	0.00
		1.9	9	-5.92	21.77	-12.85	-0.09	-0.02	0.00
			132	9.05	4.43	-98.62	-0.01	-1.10	0.00
			123	-180.87	-52.24	-103.87	0.46	-1.10	0.00
			7	-223.97	-49.32	-42.67	0.16	0.07	0.00
		1.10	8	-16.76	-25.77	2.97	-0.34	-0.22	0.00
			133	-6.82	5.28	-3.60	-0.59	0.22	0.00
			135	-8.93	4.34	14.26	0.07	0.22	0.00
			10	-19.69	-30.44	18.01	0.20	-0.28	0.00
		1.11	9	-21.00	-61.24	3.21	-0.08	-0.13	0.00
			24	-6.21	-19.21	-17.04	0.07	-0.24	0.00
			134	4.64	17.02	-17.34	0.07	0.28	0.00
			132	2.73	17.31	0.52	-0.10	0.28	0.00
		1.12	133	-160.73	-33.24	93.45	-0.46	0.00	0.00
			8	-160.73	-33.24	93.45	0.37	-1.48	0.00
			124	-160.73	-33.24	93.45	1.01	0.00	0.00
		1.13	129	-170.69	-18.40	-29.88	-2.29	0.76	0.00
			21	-170.69	-18.40	-29.88	-0.15	0.76	0.00
			7	-170.69	-18.40	-29.88	-1.47	1.84	0.00
	2	2.1	139	10.45	20.62	-6.13	-0.20	-0.06	0.00
			143	-3.86	-27.06	-6.95	-0.20	0.02	0.00
			28	-5.51	-27.56	-18.87	0.09	0.02	0.00
			144	8.79	20.12	-18.05	0.09	-0.06	0.00
		2.2	150	-397.61	-66.16	-57.45	1.68	-0.91	0.00
			149	-433.80	-141.95	35.62	1.68	0.52	0.00
			31	-173.18	-62.06	8.40	-1.04	0.51	0.00
			3	34.60	50.78	-81.11	0.38	-1.10	0.00
		2.3	2	-22.15	-81.19	-24.90	-0.02	0.25	0.00
			146	11.61	31.18	-22.42	-0.07	-0.58	0.00
			144	11.80	30.01	3.16	0.10	-0.57	0.00
			28	-3.75	-21.87	3.35	0.10	0.35	0.00
		2.4	138	-1.66	-16.63	3.63	0.05	-0.12	0.00
			140	10.47	24.07	5.16	0.05	0.00	0.00
			145	18.42	25.85	27.96	0.13	0.00	0.00
			1	2.18	-23.84	21.69	0.10	-0.13	0.00
		2.5	149	-272.89	17.53	22.36	-5.38	4.37	0.00
			148	-305.23	-65.68	184.64	-5.54	0.49	0.00
			141	-125.10	-0.36	149.03	-0.57	-0.91	0.00
			4	-210.83	52.69	-17.51	-0.69	-2.38	0.00
		2.6	28	22.15	-19.14	11.45	0.33	0.02	0.00
			143	1.02	-25.36	6.06	0.02	0.02	0.00
			138	3.24	-16.80	10.09	0.02	-0.11	0.00
			1	21.30	-13.53	13.80	0.38	-0.17	0.00
		2.7	3	-82.04	-63.96	-22.02	-0.73	0.27	0.00
			31	-144.08	-65.17	0.49	-0.41	-0.10	0.00
			28	24.16	-14.38	15.00	0.37	-0.10	0.00
			1	37.06	-25.66	-8.02	0.24	0.35	0.00
		2.8	142	-94.41	-16.00	-120.46	-0.03	2.63	0.00
			151	-299.92	-80.19	-141.43	6.07	2.94	0.00
			150	-273.73	0.90	-21.09	6.01	-0.93	0.00
			3	-213.93	21.48	-11.93	1.73	-1.65	0.00
		2.9	2	-5.25	6.86	-8.45	-0.05	0.10	0.00
			4	-228.44	-55.44	8.89	0.09	0.05	0.00
			141	-173.91	-26.06	75.56	0.24	0.66	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			146	23.70	33.48	82.12	0.00	0.66	0.00
		2.10	1	-20.28	-42.89	-3.72	0.22	0.36	0.00
			145	-1.32	19.36	2.56	-0.02	-0.54	0.00
			147	0.55	20.48	34.59	-0.74	-0.55	0.00
			3	-16.62	-35.00	23.20	-0.25	0.32	0.00
		2.11	4	-59.08	-35.96	23.79	0.34	-0.05	0.00
			2	40.47	-6.90	14.05	-0.24	0.14	0.00
			28	-53.03	-36.76	-11.17	-0.59	-0.13	0.00
			31	-183.76	-75.99	-12.71	0.24	-0.13	0.00
		2.12	149	-164.76	-56.13	0.54	-2.68	0.40	0.00
			4	-164.76	-56.13	0.54	-1.28	-1.43	0.00
			31	-164.76	-56.13	0.54	0.95	0.40	0.00
		2.13	147	-156.37	-9.39	-64.61	-0.61	-0.34	0.00
			142	-156.37	-9.39	-64.61	1.16	-0.34	0.00
			3	-156.37	-9.39	-64.61	0.40	1.46	0.00
Min (elemento, nodo)				**-433.80 (2, 149)**	**-141.95 (2, 149)**	**-205.77 (1, 128)**	**-6.40 (1, 128)**	**-5.06 (1, 131)**	**0.00 (1, 128)**
Max (elemento, nodo)				**40.47 (2, 2)**	**74.50 (1, 7)**	**184.64 (2, 148)**	**7.11 (1, 131)**	**4.37 (2, 149)**	**0.00 (1, 128)**
9	1	1.1	128	-0.01	-0.03	-0.01	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.01	0.01	0.00	0.00	0.00	0.00
			123	0.00	-0.02	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.01	0.00	0.00
			129	0.00	0.00	0.00	-0.01	0.00	0.00
			130	0.00	0.00	0.00	-0.01	0.00	0.00
			8	0.01	0.00	0.00	0.01	0.00	0.00
		1.3	21	0.00	-0.01	0.00	0.05	-0.07	0.00
			24	0.00	-0.01	0.00	0.06	-0.07	0.00
			9	0.01	0.00	0.00	-0.03	0.01	0.00
			7	0.00	0.00	0.00	-0.04	0.01	0.00
		1.4	8	0.01	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	-0.01	0.01	0.00	0.00	0.00
			124	0.01	-0.01	0.00	0.00	0.00	0.00
		1.5	24	0.00	-0.02	0.00	0.00	0.00	0.00
			136	0.02	-0.01	0.00	0.00	0.00	0.00
			126	0.02	-0.02	-0.01	0.00	0.00	0.00
			134	0.00	-0.03	-0.01	0.00	0.00	0.00
		1.6	125	0.04	0.00	0.01	0.00	0.00	0.00
			136	0.04	-0.01	0.00	0.00	0.00	0.00
			24	-0.01	-0.02	0.00	0.01	0.00	0.00
			10	0.00	-0.02	0.00	0.01	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.01	0.01	0.00
			24	0.00	-0.01	0.00	-0.01	-0.06	0.00
			21	0.00	-0.01	0.00	-0.04	-0.06	0.00
			8	0.00	0.00	0.00	0.02	0.01	0.00
		1.8	135	0.00	-0.02	0.01	0.00	0.00	0.00
			127	0.02	-0.01	0.01	0.00	0.00	0.00
			125	0.02	-0.01	0.01	0.00	0.00	0.00
			10	0.00	-0.01	0.01	0.00	0.00	0.00
		1.9	9	0.00	-0.01	-0.01	0.00	0.02	0.00
			132	0.00	0.00	-0.01	0.00	-0.01	0.00
			123	0.01	0.01	0.00	0.00	-0.01	0.00
			7	0.00	0.00	0.00	0.00	0.02	0.00
		1.10	8	0.00	0.00	0.01	-0.01	0.01	0.00
			133	-0.01	-0.01	0.01	0.01	-0.01	0.00
			135	0.00	-0.01	0.00	0.00	-0.01	0.00
			10	0.01	0.00	0.00	0.00	0.01	0.00
		1.11	9	0.00	0.00	-0.01	0.00	-0.02	0.00
			24	0.01	-0.01	0.00	0.00	-0.02	0.00
			134	0.00	-0.02	0.00	0.00	0.01	0.00
			132	0.00	-0.02	-0.01	0.00	0.01	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	-0.03	0.00	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			7	0.00	0.00	0.00	-0.01	-0.02	0.00
	2	2.1	139	0.02	-0.02	0.01	0.00	0.00	0.00
			143	0.02	-0.02	0.00	0.00	0.00	0.00
			28	0.00	-0.02	0.00	0.00	0.00	0.00
			144	0.00	-0.02	0.01	0.00	0.00	0.00
		2.2	150	-0.01	0.00	0.00	-0.01	0.00	0.00
			149	-0.01	-0.01	0.01	-0.01	0.00	0.00
			31	0.00	-0.01	0.00	0.01	0.00	0.00
			3	0.01	0.00	0.00	0.01	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.02	0.00
			146	0.00	-0.02	0.00	0.00	-0.01	0.00
			144	0.01	-0.01	0.00	0.00	-0.01	0.00
			28	0.01	-0.01	0.00	0.00	0.02	0.00
		2.4	138	0.02	-0.01	0.00	0.00	0.00	0.00
			140	0.02	-0.01	-0.01	0.00	0.00	0.00
			145	0.00	-0.02	-0.01	0.00	0.00	0.00
			1	0.00	-0.02	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	-0.01	-0.02	0.00	0.00	0.00	0.00
			141	0.00	-0.01	0.00	0.00	0.00	0.00
			4	0.01	0.01	-0.01	0.00	0.00	0.00
		2.6	28	0.00	-0.02	0.00	0.01	0.00	0.00
			143	0.04	-0.01	0.00	0.00	0.00	0.00
			138	0.04	0.00	-0.01	0.00	0.00	0.00
			1	0.00	-0.02	0.00	0.01	0.00	0.00
		2.7	3	0.01	0.00	0.00	0.02	-0.01	0.00
			31	0.00	-0.01	0.01	-0.04	0.06	0.00
			28	0.00	-0.01	0.00	-0.01	0.06	0.00
			1	0.01	0.00	0.00	0.01	-0.01	0.00
		2.8	142	0.01	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	-0.01	0.00	0.00	-0.02	0.00
			4	0.00	0.00	-0.01	0.00	-0.02	0.00
			141	0.01	0.01	-0.01	0.00	0.01	0.00
			146	0.01	0.01	0.00	0.00	0.01	0.00
		2.10	1	0.01	0.00	0.00	0.00	-0.01	0.00
			145	0.01	-0.01	0.00	0.00	0.01	0.00
			147	0.00	-0.01	0.00	0.01	0.01	0.00
			3	0.00	-0.01	0.00	-0.01	-0.01	0.00
		2.11	4	0.01	-0.01	0.00	-0.04	-0.01	0.00
			2	0.01	-0.01	0.00	-0.03	-0.01	0.00
			28	0.00	-0.01	-0.01	0.06	0.07	0.00
			31	0.00	-0.01	-0.01	0.05	0.07	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	-0.01	0.02	0.00
			31	0.00	0.00	0.00	-0.03	0.00	0.00
		2.13	147	0.00	0.01	0.00	0.00	0.00	0.00
			142	0.00	0.01	0.00	0.00	0.00	0.00
			3	0.00	0.01	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**-0.01 (1, 128)**	**-0.03 (1, 128)**	**-0.01 (1, 128)**	**-0.04 (1, 7)**	**-0.07 (1, 21)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.04 (1, 125)**	**0.01 (1, 7)**	**0.01 (1, 131)**	**0.06 (1, 24)**	**0.07 (2, 28)**	**0.00 (1, 128)**
11	1	1.1	128	0.01	0.08	0.25	0.01	0.02	0.00
			129	-0.01	0.03	0.28	0.01	0.00	0.00
			7	0.00	0.02	0.29	0.00	-0.01	0.00
			123	0.04	0.08	0.25	0.00	0.01	0.00
		1.2	21	-0.04	-0.02	0.28	0.00	0.00	0.00
			129	0.06	0.01	0.26	0.01	0.00	0.00
			130	0.07	0.05	0.23	0.01	0.00	0.00
			8	-0.11	-0.01	0.26	0.00	0.00	0.00
		1.3	21	-0.05	-0.03	0.31	0.00	-0.01	0.00
			24	0.01	-0.01	0.30	0.00	-0.01	0.00
			9	0.06	0.02	0.28	0.00	0.00	0.00
			7	0.02	0.02	0.28	0.00	0.00	0.00
		1.4	8	0.00	0.03	0.28	0.00	0.01	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			130	0.02	0.03	0.29	0.02	0.00	0.00
			131	-0.02	-0.11	0.25	0.02	-0.01	0.00
			124	-0.08	-0.13	0.22	-0.01	-0.01	0.00
		1.5	24	-0.01	0.01	0.22	0.00	0.00	0.00
			136	-0.21	-0.05	0.22	-0.01	0.00	0.00
			126	-0.22	-0.08	0.32	-0.01	0.00	0.00
			134	-0.02	-0.02	0.31	0.00	0.00	0.00
		1.6	125	0.06	-0.03	0.23	0.01	0.00	0.00
			136	0.07	0.03	0.21	0.01	0.00	0.00
			24	-0.05	0.00	0.25	0.00	0.00	0.00
			10	-0.05	-0.05	0.26	0.00	0.00	0.00
		1.7	10	0.01	0.00	0.31	0.00	0.00	0.00
			24	0.01	-0.01	0.31	0.00	-0.01	0.00
			21	0.02	0.00	0.30	-0.01	-0.01	0.00
			8	0.02	0.01	0.30	0.00	0.00	0.00
		1.8	135	-0.02	0.02	0.30	0.00	-0.01	0.00
			127	0.29	0.11	0.34	-0.01	-0.01	0.00
			125	0.26	0.04	0.27	-0.01	0.00	0.00
			10	0.01	-0.05	0.22	0.00	0.00	0.00
		1.9	9	0.03	0.01	0.26	0.00	0.00	0.00
			132	0.07	0.15	0.24	0.00	0.01	0.00
			123	0.03	0.14	0.28	0.00	0.01	0.00
			7	-0.01	0.03	0.30	0.00	0.00	0.00
		1.10	8	-0.04	0.00	0.28	0.00	0.00	0.00
			133	-0.06	-0.05	0.30	0.00	-0.01	0.00
			135	-0.03	-0.04	0.28	0.00	-0.01	0.00
			10	-0.01	0.01	0.26	0.00	0.00	0.00
		1.11	9	0.03	0.05	0.28	0.00	0.00	0.00
			24	-0.01	0.02	0.29	0.00	0.00	0.00
			134	-0.01	0.01	0.30	0.00	0.01	0.00
			132	0.02	0.02	0.30	0.00	0.01	0.00
		1.12	133	-0.02	-0.12	0.28	0.01	-0.01	0.00
			8	-0.02	-0.12	0.28	0.00	0.01	0.00
			124	-0.02	-0.12	0.28	-0.01	-0.01	0.00
		1.13	129	0.03	0.00	0.29	0.01	0.00	0.00
			21	0.03	0.00	0.29	-0.01	0.00	0.00
			7	0.03	0.00	0.29	0.00	-0.01	0.00
	2	2.1	139	-0.23	-0.13	-0.20	0.00	0.00	0.00
			143	-0.21	-0.05	-0.09	0.00	0.00	0.00
			28	0.01	0.02	-0.07	0.00	0.00	0.00
			144	-0.01	-0.07	-0.18	0.00	0.00	0.00
		2.2	150	0.03	0.03	-0.13	0.01	0.00	0.00
			149	0.02	0.00	-0.14	0.01	0.00	0.00
			31	0.01	0.00	-0.14	0.00	0.00	0.00
			3	0.00	0.01	-0.15	0.00	0.00	0.00
		2.3	2	0.04	0.01	-0.13	0.00	0.00	0.00
			146	0.02	-0.07	-0.15	0.00	0.00	0.00
			144	-0.02	-0.08	-0.17	0.00	0.00	0.00
			28	-0.01	-0.04	-0.16	0.00	0.00	0.00
		2.4	138	0.27	0.07	-0.14	-0.01	0.00	0.00
			140	0.30	0.15	-0.21	-0.01	0.00	0.00
			145	-0.02	0.05	-0.17	0.00	0.00	0.00
			1	0.01	-0.02	-0.09	0.00	0.00	0.00
		2.5	149	-0.02	-0.02	-0.14	0.01	-0.01	0.00
			148	-0.03	-0.05	-0.11	0.01	0.00	0.00
			141	0.00	-0.04	-0.12	0.00	0.00	0.00
			4	-0.01	-0.01	-0.15	0.00	0.00	0.00
		2.6	28	-0.06	0.00	-0.09	0.00	0.00	0.00
			143	0.07	0.03	-0.07	0.01	0.00	0.00
			138	0.06	-0.01	-0.09	0.01	0.00	0.00
			1	-0.05	-0.03	-0.11	0.00	0.00	0.00
		2.7	3	0.01	0.05	-0.16	0.00	0.00	0.00
			31	-0.03	-0.02	-0.13	-0.01	0.01	0.00
			28	0.01	0.00	-0.18	0.00	0.01	0.00
			1	0.04	0.06	-0.19	0.00	0.00	0.00
		2.8	142	-0.04	0.04	-0.10	0.00	0.00	0.00
			151	0.05	0.07	-0.09	0.01	0.00	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			150	0.04	0.03	-0.14	0.01	0.00	0.00
			3	0.01	0.02	-0.15	0.00	0.00	0.00
		2.9	2	0.03	-0.03	-0.14	0.00	0.00	0.00
			4	-0.01	-0.04	-0.13	0.00	0.00	0.00
			141	0.00	-0.06	-0.12	0.00	0.00	0.00
			146	0.03	-0.05	-0.13	0.00	0.00	0.00
		2.10	1	-0.03	0.04	-0.15	0.00	0.00	0.00
			145	-0.02	0.07	-0.15	0.00	0.00	0.00
			147	-0.02	0.07	-0.14	0.00	0.00	0.00
			3	-0.03	0.04	-0.14	0.00	0.00	0.00
		2.11	4	0.01	-0.03	-0.15	0.00	0.00	0.00
			2	-0.01	-0.03	-0.15	0.00	0.00	0.00
			28	0.01	-0.01	-0.14	0.01	0.01	0.00
			31	0.04	0.00	-0.13	0.00	0.01	0.00
		2.12	149	-0.01	-0.01	-0.14	0.00	0.00	0.00
			4	-0.01	-0.01	-0.14	0.00	0.00	0.00
			31	-0.01	-0.01	-0.14	0.00	0.00	0.00
		2.13	147	-0.01	0.05	-0.13	0.00	0.01	0.00
			142	-0.01	0.05	-0.13	-0.01	0.01	0.00
			3	-0.01	0.05	-0.13	0.00	0.00	0.00
Min (elemento, nodo)				**-0.23 (2, 139)**	**-0.13 (1, 124)**	**-0.21 (2, 140)**	**-0.01 (1, 124)**	**-0.01 (1, 7)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.30 (2, 140)**	**0.15 (1, 132)**	**0.34 (1, 127)**	**0.02 (1, 130)**	**0.02 (1, 128)**	**0.00 (1, 128)**
13	1	1.1	128	-0.01	-0.09	-0.24	-0.01	-0.01	0.00
			129	0.00	-0.03	-0.28	-0.01	0.00	0.00
			7	0.00	-0.02	-0.29	0.00	0.01	0.00
			123	-0.05	-0.09	-0.24	0.00	-0.01	0.00
		1.2	21	0.04	0.02	-0.28	0.00	0.00	0.00
			129	-0.06	-0.01	-0.27	-0.01	0.00	0.00
			130	-0.07	-0.05	-0.24	-0.01	0.00	0.00
			8	0.10	0.01	-0.26	0.00	0.00	0.00
		1.3	21	0.05	0.02	-0.31	0.01	-0.01	0.00
			24	-0.01	0.00	-0.30	0.01	-0.01	0.00
			9	-0.06	-0.03	-0.28	0.00	0.00	0.00
			7	-0.02	-0.02	-0.28	0.00	0.00	0.00
		1.4	8	-0.01	-0.03	-0.28	0.00	-0.01	0.00
			130	-0.02	-0.03	-0.29	-0.02	0.00	0.00
			131	0.02	0.12	-0.26	-0.02	0.01	0.00
			124	0.07	0.12	-0.23	0.01	0.01	0.00
		1.5	24	0.01	-0.01	-0.21	0.00	0.00	0.00
			136	0.18	0.04	-0.22	0.01	0.00	0.00
			126	0.19	0.07	-0.31	0.01	0.00	0.00
			134	0.02	0.02	-0.30	0.00	0.00	0.00
		1.6	125	-0.10	0.02	-0.24	-0.01	-0.01	0.00
			136	-0.12	-0.05	-0.21	-0.01	0.00	0.00
			24	0.05	0.00	-0.25	0.00	0.00	0.00
			10	0.04	0.05	-0.27	0.00	0.00	0.00
		1.7	10	-0.01	-0.01	-0.31	0.00	0.00	0.00
			24	-0.01	0.00	-0.31	0.00	-0.01	0.00
			21	-0.02	0.00	-0.31	0.00	-0.01	0.00
			8	-0.02	-0.01	-0.31	0.00	0.00	0.00
		1.8	135	0.02	-0.02	-0.31	0.00	0.01	0.00
			127	-0.31	-0.12	-0.35	0.01	0.01	0.00
			125	-0.29	-0.05	-0.28	0.01	0.00	0.00
			10	-0.01	0.05	-0.23	0.00	0.00	0.00
		1.9	9	-0.03	-0.01	-0.26	0.00	0.00	0.00
			132	-0.07	-0.15	-0.24	0.00	-0.01	0.00
			123	-0.04	-0.14	-0.28	0.00	-0.01	0.00
			7	0.00	-0.03	-0.30	0.00	0.00	0.00
		1.10	8	0.03	0.00	-0.28	0.00	0.00	0.00
			133	0.06	0.05	-0.30	0.00	0.00	0.00
			135	0.03	0.04	-0.27	0.00	0.00	0.00
			10	0.00	-0.02	-0.26	0.00	0.00	0.00
		1.11	9	-0.03	-0.05	-0.28	0.00	0.00	0.00
			24	0.01	-0.02	-0.29	0.00	0.00	0.00
			134	0.01	-0.01	-0.30	0.00	0.00	0.00
			132	-0.02	-0.02	-0.29	0.00	0.00	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
		1.12	133	0.02	0.12	-0.28	-0.01	0.01	0.00
			8	0.02	0.12	-0.28	0.00	0.00	0.00
			124	0.02	0.12	-0.28	0.01	0.01	0.00
		1.13	129	-0.03	0.00	-0.29	-0.01	0.00	0.00
			21	-0.03	0.00	-0.29	0.00	0.00	0.00
			7	-0.03	0.00	-0.29	-0.01	0.00	0.00
	2	2.1	139	0.21	0.12	0.19	0.00	0.00	0.00
			143	0.18	0.04	0.09	0.00	0.00	0.00
			28	-0.02	-0.02	0.07	0.00	0.00	0.00
			144	0.01	0.06	0.17	0.00	0.00	0.00
		2.2	150	-0.03	-0.02	0.14	-0.01	0.00	0.00
			149	-0.02	0.00	0.14	-0.01	0.00	0.00
			31	-0.01	0.00	0.15	0.00	0.00	0.00
			3	-0.01	-0.01	0.15	0.00	0.00	0.00
		2.3	2	-0.05	-0.01	0.13	0.00	0.00	0.00
			146	-0.02	0.07	0.15	0.00	0.00	0.00
			144	0.01	0.08	0.17	0.00	0.00	0.00
			28	0.00	0.04	0.16	0.00	0.00	0.00
		2.4	138	-0.30	-0.08	0.14	0.01	0.00	0.00
			140	-0.32	-0.16	0.22	0.01	-0.01	0.00
			145	0.03	-0.05	0.17	0.00	0.00	0.00
			1	-0.01	0.03	0.09	0.00	0.00	0.00
		2.5	149	0.02	0.02	0.14	-0.01	0.01	0.00
			148	0.03	0.04	0.11	-0.01	0.00	0.00
			141	-0.01	0.03	0.11	0.00	0.00	0.00
			4	0.00	0.01	0.15	0.00	0.00	0.00
		2.6	28	0.06	0.00	0.09	0.00	0.00	0.00
			143	-0.12	-0.05	0.07	-0.01	0.00	0.00
			138	-0.11	0.00	0.10	-0.01	0.00	0.00
			1	0.04	0.03	0.11	0.00	0.00	0.00
		2.7	3	-0.01	-0.06	0.16	0.00	0.00	0.00
			31	0.03	0.01	0.13	0.00	0.01	0.00
			28	-0.02	0.00	0.18	0.00	0.01	0.00
			1	-0.04	-0.06	0.19	0.00	0.00	0.00
		2.8	142	0.02	-0.05	0.11	0.00	0.00	0.00
			151	-0.05	-0.07	0.10	-0.01	0.00	0.00
			150	-0.04	-0.02	0.14	-0.01	0.00	0.00
			3	-0.02	-0.01	0.14	0.00	0.00	0.00
		2.9	2	-0.04	0.02	0.14	0.00	0.00	0.00
			4	0.00	0.04	0.13	0.00	0.00	0.00
			141	0.00	0.06	0.12	0.00	0.01	0.00
			146	-0.03	0.05	0.13	0.00	0.01	0.00
		2.10	1	0.03	-0.04	0.15	0.00	0.00	0.00
			145	0.02	-0.07	0.15	0.00	0.00	0.00
			147	0.02	-0.07	0.13	0.00	0.00	0.00
			3	0.03	-0.05	0.14	0.00	0.00	0.00
		2.11	4	-0.01	0.03	0.15	0.00	0.00	0.00
			2	0.01	0.03	0.15	0.00	0.00	0.00
			28	-0.02	0.00	0.14	0.01	0.01	0.00
			31	-0.04	-0.01	0.13	0.01	0.01	0.00
		2.12	149	0.01	0.00	0.14	0.00	0.00	0.00
			4	0.01	0.00	0.14	0.00	0.00	0.00
			31	0.01	0.00	0.14	0.00	0.00	0.00
		2.13	147	0.00	-0.05	0.12	0.00	-0.01	0.00
			142	0.00	-0.05	0.12	0.01	-0.01	0.00
			3	0.00	-0.05	0.12	0.00	0.00	0.00
Min (elemento, nodo)				**-0.32 (2, 140)**	**-0.16 (2, 140)**	**-0.35 (1, 127)**	**-0.02 (1, 130)**	**-0.01 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.21 (2, 139)**	**0.12 (1, 131)**	**0.22 (2, 140)**	**0.01 (1, 21)**	**0.01 (1, 7)**	**0.00 (1, 128)**
5 (CQC)	1	1.1	128	0.04	0.20	0.58	0.03	0.03	0.00
			129	0.02	0.06	0.64	0.03	0.01	0.00
			7	0.04	0.04	0.64	0.00	0.03	0.00
			123	0.12	0.19	0.57	0.01	0.02	0.00
		1.2	21	0.08	0.04	0.63	0.01	0.00	0.00
			129	0.13	0.02	0.62	0.02	0.00	0.00
			130	0.13	0.08	0.55	0.02	0.00	0.00
			8	0.20	0.03	0.60	0.00	0.01	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
		1.3	21	0.14	0.05	0.68	0.01	0.00	0.00
			24	0.02	0.01	0.65	0.00	0.00	0.00
			9	0.14	0.06	0.62	0.00	0.00	0.00
			7	0.03	0.04	0.63	0.00	0.00	0.00
		1.4	8	0.05	0.06	0.62	0.00	0.01	0.00
			130	0.04	0.06	0.64	0.04	0.01	0.00
			131	0.06	0.26	0.58	0.04	0.03	0.00
			124	0.18	0.27	0.52	0.02	0.03	0.00
		1.5	24	0.02	0.02	0.45	0.00	0.00	0.00
			136	0.37	0.09	0.48	0.01	0.00	0.00
			126	0.39	0.21	0.64	0.01	0.01	0.00
			134	0.06	0.16	0.62	0.00	0.01	0.00
		1.6	125	0.15	0.09	0.50	0.02	0.01	0.00
			136	0.18	0.08	0.45	0.02	0.00	0.00
			24	0.12	0.02	0.52	0.01	0.00	0.00
			10	0.10	0.10	0.55	0.00	0.01	0.00
		1.7	10	0.05	0.02	0.68	0.00	0.00	0.00
			24	0.04	0.01	0.68	0.00	0.00	0.00
			21	0.07	0.02	0.67	0.01	0.00	0.00
			8	0.04	0.02	0.67	0.00	0.00	0.00
		1.8	135	0.13	0.19	0.61	0.00	0.01	0.00
			127	0.57	0.26	0.69	0.02	0.02	0.00
			125	0.53	0.09	0.57	0.02	0.00	0.00
			10	0.08	0.11	0.47	0.00	0.01	0.00
		1.9	9	0.07	0.05	0.58	0.00	0.00	0.00
			132	0.14	0.31	0.56	0.00	0.01	0.00
			123	0.09	0.29	0.64	0.01	0.01	0.00
			7	0.06	0.08	0.67	0.00	0.01	0.00
		1.10	8	0.07	0.02	0.62	0.00	0.00	0.00
			133	0.13	0.14	0.63	0.01	0.01	0.00
			135	0.05	0.12	0.60	0.00	0.01	0.00
			10	0.04	0.02	0.59	0.00	0.00	0.00
		1.11	9	0.06	0.11	0.60	0.00	0.00	0.00
			24	0.02	0.05	0.64	0.00	0.00	0.00
			134	0.03	0.11	0.65	0.00	0.01	0.00
			132	0.07	0.12	0.63	0.00	0.01	0.00
		1.12	133	0.05	0.25	0.62	0.01	0.02	0.00
			8	0.05	0.25	0.62	0.01	0.01	0.00
			124	0.05	0.25	0.62	0.02	0.02	0.00
		1.13	129	0.06	0.01	0.64	0.02	0.00	0.00
			21	0.06	0.01	0.64	0.01	0.00	0.00
			7	0.06	0.01	0.64	0.01	0.01	0.00
	2	2.1	139	0.42	0.30	0.37	0.01	0.01	0.00
			143	0.38	0.09	0.18	0.01	0.00	0.00
			28	0.03	0.03	0.13	0.00	0.00	0.00
			144	0.04	0.22	0.33	0.00	0.01	0.00
		2.2	150	0.05	0.04	0.34	0.01	0.00	0.00
			149	0.05	0.02	0.33	0.01	0.00	0.00
			31	0.05	0.02	0.34	0.00	0.00	0.00
			3	0.07	0.03	0.34	0.00	0.00	0.00
		2.3	2	0.08	0.04	0.28	0.00	0.00	0.00
			146	0.07	0.21	0.31	0.00	0.01	0.00
			144	0.04	0.21	0.36	0.00	0.01	0.00
			28	0.02	0.10	0.35	0.00	0.00	0.00
		2.4	138	0.54	0.15	0.28	0.01	0.00	0.00
			140	0.59	0.34	0.42	0.01	0.01	0.00
			145	0.13	0.23	0.33	0.00	0.01	0.00
			1	0.07	0.09	0.18	0.00	0.00	0.00
		2.5	149	0.03	0.05	0.33	0.02	0.01	0.00
			148	0.05	0.11	0.29	0.02	0.01	0.00
			141	0.07	0.09	0.31	0.00	0.01	0.00
			4	0.03	0.04	0.34	0.00	0.01	0.00
		2.6	28	0.14	0.02	0.18	0.01	0.00	0.00
			143	0.18	0.08	0.13	0.03	0.00	0.00
			138	0.17	0.09	0.19	0.03	0.01	0.00
			1	0.11	0.07	0.21	0.01	0.00	0.00
		2.7	3	0.03	0.11	0.35	0.00	0.00	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			31	0.11	0.04	0.28	0.00	0.00	0.00
			28	0.06	0.01	0.38	0.01	0.00	0.00
			1	0.10	0.12	0.41	0.01	0.00	0.00
		2.8	142	0.08	0.11	0.26	0.01	0.01	0.00
			151	0.10	0.15	0.24	0.02	0.00	0.00
			150	0.07	0.04	0.32	0.02	0.00	0.00
			3	0.05	0.02	0.33	0.01	0.00	0.00
		2.9	2	0.07	0.08	0.32	0.00	0.00	0.00
			4	0.05	0.09	0.30	0.00	0.00	0.00
			141	0.04	0.13	0.30	0.00	0.01	0.00
			146	0.07	0.12	0.31	0.00	0.01	0.00
		2.10	1	0.08	0.08	0.35	0.00	0.00	0.00
			145	0.04	0.20	0.32	0.00	0.01	0.00
			147	0.11	0.22	0.27	0.00	0.01	0.00
			3	0.06	0.10	0.30	0.00	0.00	0.00
		2.11	4	0.02	0.06	0.34	0.00	0.00	0.00
			2	0.13	0.08	0.34	0.00	0.00	0.00
			28	0.02	0.01	0.30	0.00	0.00	0.00
			31	0.18	0.05	0.28	0.00	0.00	0.00
		2.12	149	0.04	0.01	0.33	0.01	0.00	0.00
			4	0.04	0.01	0.33	0.00	0.01	0.00
			31	0.04	0.01	0.33	0.00	0.00	0.00
		2.13	147	0.03	0.11	0.30	0.01	0.01	0.00
			142	0.03	0.11	0.30	0.01	0.01	0.00
			3	0.03	0.11	0.30	0.00	0.01	0.00
Min (elemento, nodo)				**0.02 (1, 129)**	**0.01 (1, 24)**	**0.13 (2, 28)**	**0.00 (1, 7)**	**0.00 (1, 21)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.59 (2, 140)**	**0.34 (2, 140)**	**0.69 (1, 127)**	**0.04 (1, 130)**	**0.03 (1, 128)**	**0.00 (1, 128)**
6 (CQC)	1	1.1	128	0.15	0.49	0.06	0.00	0.05	0.00
			129	0.09	0.31	0.02	0.00	0.02	0.00
			7	0.07	0.28	0.03	0.00	0.02	0.00
			123	0.09	0.45	0.04	0.01	0.05	0.00
		1.2	21	0.11	0.39	0.07	0.01	0.01	0.00
			129	0.12	0.40	0.19	0.00	0.01	0.00
			130	0.02	0.07	0.18	0.00	0.01	0.00
			8	0.03	0.13	0.03	0.01	0.01	0.00
		1.3	21	0.04	0.31	0.02	0.00	0.00	0.00
			24	0.02	0.31	0.02	0.00	0.00	0.00
			9	0.02	0.34	0.04	0.00	0.00	0.00
			7	0.04	0.36	0.02	0.00	0.00	0.00
		1.4	8	0.04	0.08	0.06	0.01	0.02	0.00
			130	0.03	0.09	0.08	0.00	0.02	0.00
			131	0.15	0.51	0.11	0.00	0.04	0.00
			124	0.13	0.48	0.04	0.01	0.04	0.00
		1.5	24	0.01	0.25	0.03	0.00	0.00	0.00
			136	0.04	0.27	0.08	0.00	0.00	0.00
			126	0.09	0.43	0.10	0.00	0.01	0.00
			134	0.06	0.42	0.05	0.00	0.01	0.00
		1.6	125	0.07	0.25	0.03	0.00	0.00	0.00
			136	0.08	0.28	0.03	0.00	0.00	0.00
			24	0.04	0.26	0.04	0.00	0.00	0.00
			10	0.04	0.25	0.04	0.00	0.00	0.00
		1.7	10	0.05	0.28	0.03	0.00	0.00	0.00
			24	0.05	0.31	0.03	0.00	0.00	0.00
			21	0.09	0.33	0.05	0.00	0.00	0.00
			8	0.06	0.29	0.04	0.00	0.00	0.00
		1.8	135	0.05	0.41	0.04	0.00	0.01	0.00
			127	0.09	0.42	0.14	0.00	0.01	0.00
			125	0.04	0.28	0.13	0.00	0.00	0.00
			10	0.02	0.23	0.05	0.00	0.00	0.00
		1.9	9	0.02	0.34	0.02	0.00	0.00	0.00
			132	0.03	0.31	0.03	0.00	0.01	0.00
			123	0.06	0.33	0.03	0.00	0.01	0.00
			7	0.09	0.36	0.03	0.00	0.00	0.00
		1.10	8	0.02	0.29	0.02	0.00	0.00	0.00
			133	0.04	0.35	0.03	0.00	0.01	0.00
			135	0.03	0.35	0.03	0.00	0.01	0.00

Forze elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Elemento N°***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			10	0.01	0.28	0.03	0.00	0.00	0.00
		1.11	9	0.01	0.32	0.02	0.00	0.00	0.00
			24	0.02	0.33	0.04	0.00	0.00	0.00
			134	0.03	0.34	0.04	0.00	0.01	0.00
			132	0.03	0.33	0.03	0.00	0.01	0.00
		1.12	133	0.07	0.33	0.05	0.01	0.01	0.00
			8	0.07	0.33	0.05	0.00	0.00	0.00
			124	0.07	0.33	0.05	0.01	0.01	0.00
		1.13	129	0.06	0.36	0.01	0.02	0.01	0.00
			21	0.06	0.36	0.01	0.01	0.01	0.00
			7	0.06	0.36	0.01	0.01	0.00	0.00
	2	2.1	139	0.01	0.12	0.08	0.00	0.00	0.00
			143	0.04	0.21	0.09	0.00	0.00	0.00
			28	0.02	0.20	0.06	0.00	0.00	0.00
			144	0.02	0.12	0.05	0.00	0.00	0.00
		2.2	150	0.02	0.06	0.06	0.00	0.00	0.00
			149	0.02	0.04	0.07	0.00	0.00	0.00
			31	0.07	0.05	0.08	0.00	0.00	0.00
			3	0.09	0.05	0.07	0.00	0.00	0.00
		2.3	2	0.01	0.12	0.08	0.00	0.00	0.00
			146	0.01	0.19	0.08	0.00	0.00	0.00
			144	0.02	0.18	0.06	0.00	0.00	0.00
			28	0.01	0.16	0.07	0.00	0.00	0.00
		2.4	138	0.03	0.17	0.10	0.00	0.00	0.00
			140	0.01	0.13	0.10	0.00	0.00	0.00
			145	0.03	0.12	0.03	0.00	0.00	0.00
			1	0.01	0.18	0.05	0.00	0.00	0.00
		2.5	149	0.02	0.13	0.10	0.00	0.01	0.00
			148	0.02	0.08	0.10	0.00	0.02	0.00
			141	0.03	0.08	0.12	0.00	0.02	0.00
			4	0.03	0.15	0.11	0.00	0.01	0.00
		2.6	28	0.02	0.20	0.05	0.00	0.00	0.00
			143	0.02	0.20	0.07	0.00	0.00	0.00
			138	0.00	0.17	0.07	0.00	0.00	0.00
			1	0.01	0.18	0.06	0.00	0.00	0.00
		2.7	3	0.04	0.12	0.07	0.00	0.00	0.00
			31	0.09	0.14	0.05	0.00	0.00	0.00
			28	0.01	0.12	0.06	0.00	0.00	0.00
			1	0.02	0.10	0.08	0.00	0.00	0.00
		2.8	142	0.04	0.13	0.12	0.01	0.02	0.00
			151	0.04	0.13	0.14	0.01	0.02	0.00
			150	0.02	0.05	0.14	0.01	0.01	0.00
			3	0.01	0.04	0.13	0.00	0.01	0.00
		2.9	2	0.01	0.09	0.08	0.00	0.00	0.00
			4	0.02	0.13	0.13	0.00	0.00	0.00
			141	0.05	0.25	0.12	0.00	0.00	0.00
			146	0.04	0.25	0.08	0.00	0.00	0.00
		2.10	1	0.01	0.10	0.06	0.00	0.00	0.00
			145	0.03	0.20	0.07	0.00	0.00	0.00
			147	0.04	0.20	0.13	0.00	0.00	0.00
			3	0.01	0.11	0.11	0.00	0.00	0.00
		2.11	4	0.03	0.09	0.08	0.00	0.00	0.00
			2	0.02	0.10	0.09	0.00	0.00	0.00
			28	0.03	0.13	0.08	0.00	0.00	0.00
			31	0.06	0.14	0.07	0.00	0.00	0.00
		2.12	149	0.04	0.04	0.10	0.01	0.00	0.00
			4	0.04	0.04	0.10	0.00	0.00	0.00
			31	0.04	0.04	0.10	0.00	0.00	0.00
		2.13	147	0.04	0.23	0.13	0.00	0.00	0.00
			142	0.04	0.23	0.13	0.00	0.00	0.00
			3	0.04	0.23	0.13	0.00	0.00	0.00
Min (elemento, nodo)				**0.00 (2, 138)**	**0.04 (2, 149)**	**0.01 (1, 129)**	**0.00 (1, 128)**	**0.00 (1, 21)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.15 (1, 128)**	**0.51 (1, 131)**	**0.19 (1, 129)**	**0.02 (1, 129)**	**0.05 (1, 128)**	**0.00 (1, 128)**

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
1	1	1.1	128	-0.39	0.73	3.16	0.14	0.01	0.00
			129	-0.67	0.31	-0.14	0.13	0.10	0.00
			7	-1.85	-0.12	-0.89	-0.05	-0.17	0.00
			123	-4.00	-0.40	2.60	-0.07	-0.05	0.00
		1.2	21	0.10	0.10	0.46	0.00	0.03	0.00
			129	1.99	0.68	0.67	-0.04	0.03	0.00
			130	1.72	0.09	-0.01	-0.05	-0.03	0.00
			8	-1.42	-0.75	-0.20	-0.06	-0.03	0.00
		1.3	21	0.17	-0.09	-0.05	0.64	-0.61	0.00
			24	-0.22	-0.21	-0.15	0.58	-0.60	0.00
			9	-0.45	-0.14	-0.15	-0.28	0.04	0.00
			7	-0.13	0.02	-0.04	-0.19	0.07	0.00
		1.4	8	-1.98	-1.10	-0.29	0.10	-0.08	0.00
			130	-1.16	-0.79	-0.47	-0.14	-0.04	0.00
			131	-0.53	1.24	-2.11	-0.14	0.02	0.00
			124	-3.34	0.33	-1.64	0.14	0.01	0.00
		1.5	24	0.14	-0.07	0.09	-0.01	-0.01	0.00
			136	0.06	-0.09	0.14	0.00	-0.01	0.00
			126	0.00	-0.29	0.18	0.00	0.01	0.00
			134	0.07	-0.27	0.13	-0.01	0.01	0.00
		1.6	125	-0.61	-1.39	-0.77	0.00	0.04	0.00
			136	-0.24	-0.21	-0.65	0.00	-0.01	0.00
			24	0.28	-0.04	0.09	-0.03	-0.01	0.00
			10	-0.05	-0.93	-0.08	-0.02	0.04	0.00
		1.7	10	0.16	-0.32	-0.01	0.01	0.13	0.00
			24	0.15	-0.11	-0.10	-0.18	-0.56	0.00
			21	-0.61	-0.34	0.10	-0.51	-0.55	0.00
			8	-0.38	-0.52	0.15	0.08	0.13	0.00
		1.8	135	-0.46	-0.49	0.36	0.06	-0.01	0.00
			127	0.26	-0.27	0.58	-0.03	-0.01	0.00
			125	0.13	-0.66	0.42	-0.03	0.03	0.00
			10	-0.48	-0.93	0.21	0.05	0.05	0.00
		1.9	9	0.14	0.32	0.23	-0.06	0.11	0.00
			132	0.30	0.02	-0.84	-0.04	-0.04	0.00
			123	-2.07	-0.68	-0.93	-0.09	-0.04	0.00
			7	-2.59	-0.59	-0.17	-0.13	0.09	0.00
		1.10	8	0.17	-0.31	-0.04	-0.05	0.11	0.00
			133	0.59	0.33	-0.30	0.06	-0.09	0.00
			135	-0.12	0.11	0.03	0.08	-0.08	0.00
			10	-0.44	-0.57	0.26	0.03	0.10	0.00
		1.11	9	0.02	-0.67	0.03	-0.03	-0.14	0.00
			24	0.08	-0.24	-0.17	-0.01	-0.16	0.00
			134	0.20	0.16	-0.15	-0.01	0.06	0.00
			132	0.27	0.19	0.05	-0.04	0.06	0.00
		1.12	133	-0.86	-0.50	0.61	-0.03	0.08	0.00
			8	-0.86	-0.50	0.61	0.08	-0.13	0.00
			124	-0.86	-0.50	0.61	0.17	0.08	0.00
		1.13	129	-0.61	-0.14	0.12	0.09	0.03	0.00
			21	-0.61	-0.14	0.12	-0.13	0.03	0.00
			7	-0.61	-0.14	0.12	0.00	-0.08	0.00
	2	1.1	128	-0.01	-0.03	-0.01	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.01	0.01	0.00	0.00	0.00	0.00
			123	0.00	-0.02	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.01	0.00	0.00
			129	-0.01	0.00	0.00	-0.01	0.00	0.00
			130	-0.01	0.00	0.00	-0.01	0.00	0.00
			8	0.01	0.00	0.00	0.02	0.00	0.00
		1.3	21	0.00	-0.01	0.00	0.07	-0.09	0.00
			24	0.00	-0.01	0.00	0.08	-0.09	0.00
			9	0.01	0.00	0.00	-0.05	0.01	0.00
			7	0.00	0.00	0.00	-0.05	0.01	0.00
		1.4	8	0.01	0.00	0.01	0.00	0.00	0.00
			130	0.00	0.00	0.01	0.00	0.00	0.00
			131	0.00	-0.02	0.01	0.00	0.00	0.00
			124	0.01	-0.01	0.01	0.00	0.00	0.00
		1.5	24	0.00	-0.03	0.00	0.00	0.00	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			136	0.03	-0.02	0.00	0.00	0.00	0.00
			126	0.03	-0.02	-0.02	0.00	0.00	0.00
			134	0.00	-0.03	-0.02	0.00	0.00	0.00
		1.6	125	0.06	0.00	0.02	0.00	0.00	0.00
			136	0.05	-0.01	0.00	0.00	0.00	0.00
			24	-0.01	-0.03	0.00	0.01	0.00	0.00
			10	0.00	-0.02	0.01	0.01	0.00	0.00
		1.7	10	0.01	0.00	0.00	0.01	0.02	0.00
			24	0.00	-0.01	0.00	-0.02	-0.08	0.00
			21	0.00	-0.01	0.00	-0.05	-0.08	0.00
			8	0.00	0.00	0.00	0.03	0.02	0.00
		1.8	135	0.00	-0.03	0.02	0.00	0.00	0.00
			127	0.02	-0.02	0.01	0.00	0.00	0.00
			125	0.03	-0.01	0.01	0.00	0.00	0.00
			10	0.00	-0.02	0.01	0.00	0.00	0.00
		1.9	9	0.00	-0.01	-0.01	-0.01	0.02	0.00
			132	0.00	0.01	-0.01	0.00	-0.01	0.00
			123	0.01	0.01	0.00	0.00	-0.01	0.00
			7	0.00	0.00	0.00	0.00	0.02	0.00
		1.10	8	0.00	-0.01	0.01	-0.01	0.02	0.00
			133	-0.01	-0.02	0.01	0.01	-0.01	0.00
			135	0.01	-0.02	0.01	0.00	-0.01	0.00
			10	0.01	0.00	0.00	0.00	0.02	0.00
		1.11	9	0.00	0.00	-0.01	0.00	-0.02	0.00
			24	0.01	-0.01	0.00	0.00	-0.02	0.00
			134	0.01	-0.02	-0.01	0.00	0.01	0.00
			132	0.00	-0.02	-0.01	0.00	0.01	0.00
		1.12	133	0.01	0.00	0.00	0.00	0.00	0.00
			8	0.01	0.00	0.00	0.00	0.00	0.00
			124	0.01	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	-0.04	0.00	0.00
			7	0.00	0.00	0.00	-0.01	-0.02	0.00
	3	1.1	128	-3.70	9.17	32.65	1.23	0.08	0.00
			129	-7.01	3.31	-1.38	1.16	1.30	0.00
			7	-19.26	-1.46	-9.26	-0.72	-1.44	0.00
			123	-41.02	-2.77	26.72	-0.85	-0.52	0.00
		1.2	21	0.98	1.37	5.03	-0.89	0.61	0.00
			129	20.94	7.50	7.38	0.03	0.63	0.00
			130	17.94	0.94	0.24	-0.02	-0.33	0.00
			8	-15.10	-7.86	-2.02	-1.59	-0.14	0.00
		1.3	21	1.89	0.22	-0.88	2.43	-0.84	0.00
			24	-2.28	-1.02	-1.65	0.99	-0.83	0.00
			9	-4.88	-0.73	-1.43	0.01	-0.10	0.00
			7	-1.54	0.75	-0.49	1.10	0.24	0.00
		1.4	8	-20.65	-11.47	-3.16	1.12	-0.74	0.00
			130	-12.08	-8.20	-5.06	-1.45	-0.32	0.00
			131	-5.35	13.36	-22.11	-1.47	0.22	0.00
			124	-34.54	3.92	-17.04	1.44	0.08	0.00
		1.5	24	1.59	1.07	1.00	0.06	-0.13	0.00
			136	0.65	0.79	1.55	-0.04	-0.13	0.00
			126	-0.01	-1.43	2.01	-0.04	0.09	0.00
			134	0.92	-1.15	1.45	0.06	0.09	0.00
		1.6	125	-6.36	-13.45	-8.26	0.24	0.47	0.00
			136	-2.38	-0.48	-7.03	0.23	-0.11	0.00
			24	3.21	1.37	1.11	-0.81	-0.12	0.00
			10	-0.40	-8.45	-0.76	-0.67	0.31	0.00
		1.7	10	1.55	-2.73	-0.11	-0.66	0.18	0.00
			24	1.63	0.02	-0.97	-0.91	-0.78	0.00
			21	-6.07	-2.35	1.57	-2.04	-0.76	0.00
			8	-4.00	-4.86	1.85	-1.19	0.23	0.00
		1.8	135	-4.83	-3.34	3.57	0.56	-0.12	0.00
			127	2.94	-0.94	6.22	-0.26	-0.13	0.00
			125	1.46	-5.63	4.49	-0.26	0.39	0.00
			10	-5.12	-8.57	2.00	0.41	0.50	0.00
		1.9	9	1.64	4.30	2.71	-0.22	-0.15	0.00
			132	2.79	-0.53	-8.26	-0.24	0.18	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			123	-21.66	-7.79	-9.63	-1.23	0.19	0.00
			7	-26.65	-5.53	-1.93	-1.09	-0.42	0.00
		1.10	8	2.03	-2.48	-0.78	-0.11	0.10	0.00
			133	6.66	4.67	-3.73	0.15	-0.36	0.00
			135	-1.30	2.22	-0.04	0.65	-0.36	0.00
			10	-4.89	-5.33	2.52	0.54	0.04	0.00
		1.11	9	0.21	-6.61	0.55	-0.14	0.07	0.00
			24	0.68	-1.65	-1.68	0.08	-0.09	0.00
			134	2.09	3.00	-1.40	0.08	-0.06	0.00
			132	3.14	3.42	0.90	-0.13	-0.06	0.00
		1.12	133	-9.04	-5.55	6.15	-0.52	0.86	0.00
			8	-9.04	-5.55	6.15	0.80	-1.51	0.00
			124	-9.04	-5.55	6.15	1.81	0.86	0.00
		1.13	129	-6.49	-1.17	1.25	0.70	0.56	0.00
			21	-6.49	-1.17	1.25	0.83	0.56	0.00
			7	-6.49	-1.17	1.25	0.75	0.62	0.00
	4	1.1	128	0.01	0.02	-0.82	-0.03	-0.01	0.00
			129	0.06	0.08	-0.08	-0.03	0.00	0.00
			7	0.32	0.16	0.09	-0.01	0.04	0.00
			123	0.82	0.27	-0.70	0.00	0.00	0.00
		1.2	21	0.25	0.25	0.16	-0.05	0.03	0.00
			129	0.01	0.19	0.36	0.04	0.03	0.00
			130	-0.15	-0.37	0.44	0.03	0.00	0.00
			8	0.31	-0.13	0.09	-0.07	0.01	0.00
		1.3	21	0.10	0.12	-0.04	-0.26	0.34	0.00
			24	0.26	0.16	-0.03	-0.31	0.34	0.00
			9	0.36	0.17	-0.04	0.18	-0.03	0.00
			7	0.24	0.12	-0.07	0.19	-0.02	0.00
		1.4	8	0.33	-0.18	-0.04	-0.02	0.00	0.00
			130	-0.03	-0.28	-0.02	0.03	0.00	0.00
			131	0.01	-0.11	0.71	0.03	-0.02	0.00
			124	1.26	0.26	0.72	-0.02	-0.01	0.00
		1.5	24	0.24	-0.03	-0.08	0.01	0.01	0.00
			136	1.35	0.30	-0.10	0.01	0.01	0.00
			126	1.38	0.39	-0.65	0.01	-0.01	0.00
			134	0.26	0.05	-0.63	0.01	-0.01	0.00
		1.6	125	2.31	0.57	0.45	0.00	0.01	0.00
			136	2.28	0.58	0.01	0.00	0.01	0.00
			24	0.01	-0.10	0.01	-0.03	0.01	0.00
			10	0.31	-0.02	0.34	-0.03	0.00	0.00
		1.7	10	0.23	0.10	0.10	-0.05	-0.07	0.00
			24	0.25	0.16	0.11	0.06	0.32	0.00
			21	0.26	0.16	0.15	0.20	0.32	0.00
			8	0.24	0.10	0.13	-0.13	-0.07	0.00
		1.8	135	-0.22	-0.07	0.58	0.00	-0.01	0.00
			127	1.43	0.43	0.68	-0.02	-0.01	0.00
			125	1.36	0.26	0.31	-0.02	0.00	0.00
			10	0.02	-0.18	0.16	0.00	0.00	0.00
		1.9	9	0.32	0.13	-0.07	0.03	-0.08	0.00
			132	0.25	-0.05	0.00	0.02	0.03	0.00
			123	0.39	-0.01	-0.05	-0.01	0.03	0.00
			7	0.46	0.13	-0.11	0.02	-0.08	0.00
		1.10	8	0.34	0.17	-0.01	0.03	-0.06	0.00
			133	0.35	0.02	-0.01	-0.03	0.03	0.00
			135	0.19	-0.02	-0.10	-0.01	0.03	0.00
			10	0.22	0.15	-0.08	0.02	-0.06	0.00
		1.11	9	0.32	0.19	-0.05	0.01	0.10	0.00
			24	0.28	0.10	0.00	0.01	0.10	0.00
			134	0.26	0.03	0.00	0.01	-0.04	0.00
			132	0.27	0.04	-0.04	0.02	-0.04	0.00
		1.12	133	0.37	0.03	-0.03	-0.01	-0.01	0.00
			8	0.37	0.03	-0.03	-0.01	0.01	0.00
			124	0.37	0.03	-0.03	-0.02	-0.01	0.00
		1.13	129	0.16	0.20	-0.09	-0.01	0.03	0.00
			21	0.16	0.20	-0.09	0.13	0.03	0.00
			7	0.16	0.20	-0.09	0.04	0.10	0.00
	7	1.1	128	-309.59	-87.02	-205.77	-6.40	-1.56	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			129	-266.86	32.11	-51.62	-6.20	-4.75	0.00
			7	-205.28	74.50	-12.08	-0.79	3.10	0.00
			123	-136.89	-18.90	-166.63	-0.38	0.19	0.00
		1.2	21	-181.47	-23.78	20.25	-0.56	0.69	0.00
			129	-418.48	-95.96	2.39	2.06	0.71	0.00
			130	-391.51	-46.88	86.69	2.04	1.34	0.00
			8	2.96	63.43	96.62	0.21	1.59	0.00
		1.3	21	-200.75	-61.66	-5.81	0.34	0.30	0.00
			24	-63.35	-20.43	-7.07	-0.70	0.30	0.00
			9	34.76	10.41	-33.32	-0.27	-0.03	0.00
			7	-69.94	-20.38	-43.83	0.45	0.20	0.00
		1.4	8	-212.20	40.80	41.30	2.00	2.32	0.00
			130	-269.10	19.65	52.86	7.04	1.45	0.00
			131	-308.37	-105.44	166.40	7.11	-5.06	0.00
			124	-114.14	-43.24	136.49	-0.88	-4.65	0.00
		1.5	24	-7.08	-21.47	6.83	0.05	0.16	0.00
			136	-2.03	-19.96	-2.17	-0.02	0.16	0.00
			126	8.77	16.06	-4.65	-0.02	-0.13	0.00
			134	3.72	14.54	4.35	0.05	-0.13	0.00
		1.6	125	3.87	-15.79	0.98	-0.26	0.12	0.00
			136	3.27	-18.30	2.75	-0.25	0.16	0.00
			24	12.48	-15.57	1.17	0.56	0.17	0.00
			10	11.84	-14.04	0.05	0.58	0.26	0.00
		1.7	10	31.55	-16.35	23.22	0.42	-0.30	0.00
			24	20.42	3.49	-0.22	0.59	0.27	0.00
			21	-156.23	-49.99	21.73	-0.82	0.27	0.00
			8	-93.87	-57.92	42.65	-1.20	-0.16	0.00
		1.8	135	13.41	21.06	-11.66	0.19	-0.24	0.00
			127	9.01	20.27	8.03	-0.12	-0.24	0.00
			125	-1.49	-14.85	8.81	-0.12	0.16	0.00
			10	-0.16	-21.67	-6.90	0.08	0.19	0.00
		1.9	9	-5.92	21.77	-12.85	-0.09	-0.02	0.00
			132	9.05	4.43	-98.62	-0.01	-1.10	0.00
			123	-180.87	-52.24	-103.87	0.46	-1.10	0.00
			7	-223.97	-49.32	-42.67	0.16	0.07	0.00
		1.10	8	-16.76	-25.77	2.97	-0.34	-0.22	0.00
			133	-6.82	5.28	-3.60	-0.59	0.22	0.00
			135	-8.93	4.34	14.26	0.07	0.22	0.00
			10	-19.69	-30.44	18.01	0.20	-0.28	0.00
		1.11	9	-21.00	-61.24	3.21	-0.08	-0.13	0.00
			24	-6.21	-19.21	-17.04	0.07	-0.24	0.00
			134	4.64	17.02	-17.34	0.07	0.28	0.00
			132	2.73	17.31	0.52	-0.10	0.28	0.00
		1.12	133	-160.73	-33.24	93.45	-0.46	0.00	0.00
			8	-160.73	-33.24	93.45	0.37	-1.48	0.00
			124	-160.73	-33.24	93.45	1.01	0.00	0.00
		1.13	129	-170.69	-18.40	-29.88	-2.29	0.76	0.00
			21	-170.69	-18.40	-29.88	-0.15	0.76	0.00
			7	-170.69	-18.40	-29.88	-1.47	1.84	0.00
	9	1.1	128	-0.01	-0.03	-0.01	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.01	0.01	0.00	0.00	0.00	0.00
			123	0.00	-0.02	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.01	0.00	0.00
			129	0.00	0.00	0.00	-0.01	0.00	0.00
			130	0.00	0.00	0.00	-0.01	0.00	0.00
			8	0.01	0.00	0.00	0.01	0.00	0.00
		1.3	21	0.00	-0.01	0.00	0.05	-0.07	0.00
			24	0.00	-0.01	0.00	0.06	-0.07	0.00
			9	0.01	0.00	0.00	-0.03	0.01	0.00
			7	0.00	0.00	0.00	-0.04	0.01	0.00
		1.4	8	0.01	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	-0.01	0.01	0.00	0.00	0.00
			124	0.01	-0.01	0.00	0.00	0.00	0.00
		1.5	24	0.00	-0.02	0.00	0.00	0.00	0.00
			136	0.02	-0.01	0.00	0.00	0.00	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			126	0.02	-0.02	-0.01	0.00	0.00	0.00
			134	0.00	-0.03	-0.01	0.00	0.00	0.00
		1.6	125	0.04	0.00	0.01	0.00	0.00	0.00
			136	0.04	-0.01	0.00	0.00	0.00	0.00
			24	-0.01	-0.02	0.00	0.01	0.00	0.00
			10	0.00	-0.02	0.00	0.01	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.01	0.01	0.00
			24	0.00	-0.01	0.00	-0.01	-0.06	0.00
			21	0.00	-0.01	0.00	-0.04	-0.06	0.00
			8	0.00	0.00	0.00	0.02	0.01	0.00
		1.8	135	0.00	-0.02	0.01	0.00	0.00	0.00
			127	0.02	-0.01	0.01	0.00	0.00	0.00
			125	0.02	-0.01	0.01	0.00	0.00	0.00
			10	0.00	-0.01	0.01	0.00	0.00	0.00
		1.9	9	0.00	-0.01	-0.01	0.00	0.02	0.00
			132	0.00	0.00	-0.01	0.00	-0.01	0.00
			123	0.01	0.01	0.00	0.00	-0.01	0.00
			7	0.00	0.00	0.00	0.00	0.02	0.00
		1.10	8	0.00	0.00	0.01	-0.01	0.01	0.00
			133	-0.01	-0.01	0.01	0.01	-0.01	0.00
			135	0.00	-0.01	0.00	0.00	-0.01	0.00
			10	0.01	0.00	0.00	0.00	0.01	0.00
		1.11	9	0.00	0.00	-0.01	0.00	-0.02	0.00
			24	0.01	-0.01	0.00	0.00	-0.02	0.00
			134	0.00	-0.02	0.00	0.00	0.01	0.00
			132	0.00	-0.02	-0.01	0.00	0.01	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	-0.03	0.00	0.00
			7	0.00	0.00	0.00	-0.01	-0.02	0.00
	11	1.1	128	0.01	0.08	0.25	0.01	0.02	0.00
			129	-0.01	0.03	0.28	0.01	0.00	0.00
			7	0.00	0.02	0.29	0.00	-0.01	0.00
			123	0.04	0.08	0.25	0.00	0.01	0.00
		1.2	21	-0.04	-0.02	0.28	0.00	0.00	0.00
			129	0.06	0.01	0.26	0.01	0.00	0.00
			130	0.07	0.05	0.23	0.01	0.00	0.00
			8	-0.11	-0.01	0.26	0.00	0.00	0.00
		1.3	21	-0.05	-0.03	0.31	0.00	-0.01	0.00
			24	0.01	-0.01	0.30	0.00	-0.01	0.00
			9	0.06	0.02	0.28	0.00	0.00	0.00
			7	0.02	0.02	0.28	0.00	0.00	0.00
		1.4	8	0.00	0.03	0.28	0.00	0.01	0.00
			130	0.02	0.03	0.29	0.02	0.00	0.00
			131	-0.02	-0.11	0.25	0.02	-0.01	0.00
			124	-0.08	-0.13	0.22	-0.01	-0.01	0.00
		1.5	24	-0.01	0.01	0.22	0.00	0.00	0.00
			136	-0.21	-0.05	0.22	-0.01	0.00	0.00
			126	-0.22	-0.08	0.32	-0.01	0.00	0.00
			134	-0.02	-0.02	0.31	0.00	0.00	0.00
		1.6	125	0.06	-0.03	0.23	0.01	0.00	0.00
			136	0.07	0.03	0.21	0.01	0.00	0.00
			24	-0.05	0.00	0.25	0.00	0.00	0.00
			10	-0.05	-0.05	0.26	0.00	0.00	0.00
		1.7	10	0.01	0.00	0.31	0.00	0.00	0.00
			24	0.01	-0.01	0.31	0.00	-0.01	0.00
			21	0.02	0.00	0.30	-0.01	-0.01	0.00
			8	0.02	0.01	0.30	0.00	0.00	0.00
		1.8	135	-0.02	0.02	0.30	0.00	-0.01	0.00
			127	0.29	0.11	0.34	-0.01	-0.01	0.00
			125	0.26	0.04	0.27	-0.01	0.00	0.00
			10	0.01	-0.05	0.22	0.00	0.00	0.00
		1.9	9	0.03	0.01	0.26	0.00	0.00	0.00
			132	0.07	0.15	0.24	0.00	0.01	0.00
			123	0.03	0.14	0.28	0.00	0.01	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			7	-0.01	0.03	0.30	0.00	0.00	0.00
		1.10	8	-0.04	0.00	0.28	0.00	0.00	0.00
			133	-0.06	-0.05	0.30	0.00	-0.01	0.00
			135	-0.03	-0.04	0.28	0.00	-0.01	0.00
			10	-0.01	0.01	0.26	0.00	0.00	0.00
		1.11	9	0.03	0.05	0.28	0.00	0.00	0.00
			24	-0.01	0.02	0.29	0.00	0.00	0.00
			134	-0.01	0.01	0.30	0.00	0.01	0.00
			132	0.02	0.02	0.30	0.00	0.01	0.00
		1.12	133	-0.02	-0.12	0.28	0.01	-0.01	0.00
			8	-0.02	-0.12	0.28	0.00	0.01	0.00
			124	-0.02	-0.12	0.28	-0.01	-0.01	0.00
		1.13	129	0.03	0.00	0.29	0.01	0.00	0.00
			21	0.03	0.00	0.29	-0.01	0.00	0.00
			7	0.03	0.00	0.29	0.00	-0.01	0.00
	13	1.1	128	-0.01	-0.09	-0.24	-0.01	-0.01	0.00
			129	0.00	-0.03	-0.28	-0.01	0.00	0.00
			7	0.00	-0.02	-0.29	0.00	0.01	0.00
			123	-0.05	-0.09	-0.24	0.00	-0.01	0.00
		1.2	21	0.04	0.02	-0.28	0.00	0.00	0.00
			129	-0.06	-0.01	-0.27	-0.01	0.00	0.00
			130	-0.07	-0.05	-0.24	-0.01	0.00	0.00
			8	0.10	0.01	-0.26	0.00	0.00	0.00
		1.3	21	0.05	0.02	-0.31	0.01	-0.01	0.00
			24	-0.01	0.00	-0.30	0.01	-0.01	0.00
			9	-0.06	-0.03	-0.28	0.00	0.00	0.00
			7	-0.02	-0.02	-0.28	0.00	0.00	0.00
		1.4	8	-0.01	-0.03	-0.28	0.00	-0.01	0.00
			130	-0.02	-0.03	-0.29	-0.02	0.00	0.00
			131	0.02	0.12	-0.26	-0.02	0.01	0.00
			124	0.07	0.12	-0.23	0.01	0.01	0.00
		1.5	24	0.01	-0.01	-0.21	0.00	0.00	0.00
			136	0.18	0.04	-0.22	0.01	0.00	0.00
			126	0.19	0.07	-0.31	0.01	0.00	0.00
			134	0.02	0.02	-0.30	0.00	0.00	0.00
		1.6	125	-0.10	0.02	-0.24	-0.01	-0.01	0.00
			136	-0.12	-0.05	-0.21	-0.01	0.00	0.00
			24	0.05	0.00	-0.25	0.00	0.00	0.00
			10	0.04	0.05	-0.27	0.00	0.00	0.00
		1.7	10	-0.01	-0.01	-0.31	0.00	0.00	0.00
			24	-0.01	0.00	-0.31	0.00	-0.01	0.00
			21	-0.02	0.00	-0.31	0.00	-0.01	0.00
			8	-0.02	-0.01	-0.31	0.00	0.00	0.00
		1.8	135	0.02	-0.02	-0.31	0.00	0.01	0.00
			127	-0.31	-0.12	-0.35	0.01	0.01	0.00
			125	-0.29	-0.05	-0.28	0.01	0.00	0.00
			10	-0.01	0.05	-0.23	0.00	0.00	0.00
		1.9	9	-0.03	-0.01	-0.26	0.00	0.00	0.00
			132	-0.07	-0.15	-0.24	0.00	-0.01	0.00
			123	-0.04	-0.14	-0.28	0.00	-0.01	0.00
			7	0.00	-0.03	-0.30	0.00	0.00	0.00
		1.10	8	0.03	0.00	-0.28	0.00	0.00	0.00
			133	0.06	0.05	-0.30	0.00	0.00	0.00
			135	0.03	0.04	-0.27	0.00	0.00	0.00
			10	0.00	-0.02	-0.26	0.00	0.00	0.00
		1.11	9	-0.03	-0.05	-0.28	0.00	0.00	0.00
			24	0.01	-0.02	-0.29	0.00	0.00	0.00
			134	0.01	-0.01	-0.30	0.00	0.00	0.00
			132	-0.02	-0.02	-0.29	0.00	0.00	0.00
		1.12	133	0.02	0.12	-0.28	-0.01	0.01	0.00
			8	0.02	0.12	-0.28	0.00	0.00	0.00
			124	0.02	0.12	-0.28	0.01	0.01	0.00
		1.13	129	-0.03	0.00	-0.29	-0.01	0.00	0.00
			21	-0.03	0.00	-0.29	0.00	0.00	0.00
			7	-0.03	0.00	-0.29	-0.01	0.00	0.00
	5 (CQC)	1.1	128	0.04	0.20	0.58	0.03	0.03	0.00
			129	0.02	0.06	0.64	0.03	0.01	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			7	0.04	0.04	0.64	0.00	0.03	0.00
			123	0.12	0.19	0.57	0.01	0.02	0.00
		1.2	21	0.08	0.04	0.63	0.01	0.00	0.00
			129	0.13	0.02	0.62	0.02	0.00	0.00
			130	0.13	0.08	0.55	0.02	0.00	0.00
			8	0.20	0.03	0.60	0.00	0.01	0.00
		1.3	21	0.14	0.05	0.68	0.01	0.00	0.00
			24	0.02	0.01	0.65	0.00	0.00	0.00
			9	0.14	0.06	0.62	0.00	0.00	0.00
			7	0.03	0.04	0.63	0.00	0.00	0.00
		1.4	8	0.05	0.06	0.62	0.00	0.01	0.00
			130	0.04	0.06	0.64	0.04	0.01	0.00
			131	0.06	0.26	0.58	0.04	0.03	0.00
			124	0.18	0.27	0.52	0.02	0.03	0.00
		1.5	24	0.02	0.02	0.45	0.00	0.00	0.00
			136	0.37	0.09	0.48	0.01	0.00	0.00
			126	0.39	0.21	0.64	0.01	0.01	0.00
			134	0.06	0.16	0.62	0.00	0.01	0.00
		1.6	125	0.15	0.09	0.50	0.02	0.01	0.00
			136	0.18	0.08	0.45	0.02	0.00	0.00
			24	0.12	0.02	0.52	0.01	0.00	0.00
			10	0.10	0.10	0.55	0.00	0.01	0.00
		1.7	10	0.05	0.02	0.68	0.00	0.00	0.00
			24	0.04	0.01	0.68	0.00	0.00	0.00
			21	0.07	0.02	0.67	0.01	0.00	0.00
			8	0.04	0.02	0.67	0.00	0.00	0.00
		1.8	135	0.13	0.19	0.61	0.00	0.01	0.00
			127	0.57	0.26	0.69	0.02	0.02	0.00
			125	0.53	0.09	0.57	0.02	0.00	0.00
			10	0.08	0.11	0.47	0.00	0.01	0.00
		1.9	9	0.07	0.05	0.58	0.00	0.00	0.00
			132	0.14	0.31	0.56	0.00	0.01	0.00
			123	0.09	0.29	0.64	0.01	0.01	0.00
			7	0.06	0.08	0.67	0.00	0.01	0.00
		1.10	8	0.07	0.02	0.62	0.00	0.00	0.00
			133	0.13	0.14	0.63	0.01	0.01	0.00
			135	0.05	0.12	0.60	0.00	0.01	0.00
			10	0.04	0.02	0.59	0.00	0.00	0.00
		1.11	9	0.06	0.11	0.60	0.00	0.00	0.00
			24	0.02	0.05	0.64	0.00	0.00	0.00
			134	0.03	0.11	0.65	0.00	0.01	0.00
			132	0.07	0.12	0.63	0.00	0.01	0.00
		1.12	133	0.05	0.25	0.62	0.01	0.02	0.00
			8	0.05	0.25	0.62	0.01	0.01	0.00
			124	0.05	0.25	0.62	0.02	0.02	0.00
		1.13	129	0.06	0.01	0.64	0.02	0.00	0.00
			21	0.06	0.01	0.64	0.01	0.00	0.00
			7	0.06	0.01	0.64	0.01	0.01	0.00
	6 (CQC)	1.1	128	0.15	0.49	0.06	0.00	0.05	0.00
			129	0.09	0.31	0.02	0.00	0.02	0.00
			7	0.07	0.28	0.03	0.00	0.02	0.00
			123	0.09	0.45	0.04	0.01	0.05	0.00
		1.2	21	0.11	0.39	0.07	0.01	0.01	0.00
			129	0.12	0.40	0.19	0.00	0.01	0.00
			130	0.02	0.07	0.18	0.00	0.01	0.00
			8	0.03	0.13	0.03	0.01	0.01	0.00
		1.3	21	0.04	0.31	0.02	0.00	0.00	0.00
			24	0.02	0.31	0.02	0.00	0.00	0.00
			9	0.02	0.34	0.04	0.00	0.00	0.00
			7	0.04	0.36	0.02	0.00	0.00	0.00
		1.4	8	0.04	0.08	0.06	0.01	0.02	0.00
			130	0.03	0.09	0.08	0.00	0.02	0.00
			131	0.15	0.51	0.11	0.00	0.04	0.00
			124	0.13	0.48	0.04	0.01	0.04	0.00
		1.5	24	0.01	0.25	0.03	0.00	0.00	0.00
			136	0.04	0.27	0.08	0.00	0.00	0.00
			126	0.09	0.43	0.10	0.00	0.01	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			134	0.06	0.42	0.05	0.00	0.01	0.00
		1.6	125	0.07	0.25	0.03	0.00	0.00	0.00
			136	0.08	0.28	0.03	0.00	0.00	0.00
			24	0.04	0.26	0.04	0.00	0.00	0.00
			10	0.04	0.25	0.04	0.00	0.00	0.00
		1.7	10	0.05	0.28	0.03	0.00	0.00	0.00
			24	0.05	0.31	0.03	0.00	0.00	0.00
			21	0.09	0.33	0.05	0.00	0.00	0.00
			8	0.06	0.29	0.04	0.00	0.00	0.00
		1.8	135	0.05	0.41	0.04	0.00	0.01	0.00
			127	0.09	0.42	0.14	0.00	0.01	0.00
			125	0.04	0.28	0.13	0.00	0.00	0.00
			10	0.02	0.23	0.05	0.00	0.00	0.00
		1.9	9	0.02	0.34	0.02	0.00	0.00	0.00
			132	0.03	0.31	0.03	0.00	0.01	0.00
			123	0.06	0.33	0.03	0.00	0.01	0.00
			7	0.09	0.36	0.03	0.00	0.00	0.00
		1.10	8	0.02	0.29	0.02	0.00	0.00	0.00
			133	0.04	0.35	0.03	0.00	0.01	0.00
			135	0.03	0.35	0.03	0.00	0.01	0.00
			10	0.01	0.28	0.03	0.00	0.00	0.00
		1.11	9	0.01	0.32	0.02	0.00	0.00	0.00
			24	0.02	0.33	0.04	0.00	0.00	0.00
			134	0.03	0.34	0.04	0.00	0.01	0.00
			132	0.03	0.33	0.03	0.00	0.01	0.00
		1.12	133	0.07	0.33	0.05	0.01	0.01	0.00
			8	0.07	0.33	0.05	0.00	0.00	0.00
			124	0.07	0.33	0.05	0.01	0.01	0.00
		1.13	129	0.06	0.36	0.01	0.02	0.01	0.00
			21	0.06	0.36	0.01	0.01	0.01	0.00
			7	0.06	0.36	0.01	0.01	0.00	0.00
2	1	2.1	139	0.00	-0.29	-0.19	0.00	-0.01	0.00
			143	0.05	-0.11	-0.14	0.00	0.01	0.00
			28	0.14	-0.08	-0.09	-0.01	0.01	0.00
			144	0.09	-0.27	-0.14	-0.01	-0.01	0.00
		2.2	150	1.70	0.05	0.08	-0.05	0.03	0.00
			149	1.96	0.59	-0.57	-0.04	-0.03	0.00
			31	0.12	0.02	-0.38	0.00	-0.03	0.00
			3	-1.35	-0.77	0.25	-0.06	0.03	0.00
		2.3	2	0.02	-0.71	-0.05	-0.03	0.14	0.00
			146	0.29	0.21	-0.08	-0.04	-0.06	0.00
			144	0.21	0.17	0.13	-0.01	-0.06	0.00
			28	0.08	-0.25	0.16	-0.01	0.16	0.00
		2.4	138	0.13	-0.66	-0.38	-0.03	-0.03	0.00
			140	0.26	-0.26	-0.54	-0.03	0.01	0.00
			145	-0.46	-0.48	-0.31	0.06	0.01	0.00
			1	-0.47	-0.93	-0.16	0.05	-0.05	0.00
		2.5	149	-0.68	0.28	0.10	0.13	-0.10	0.00
			148	-0.39	0.76	-3.18	0.14	-0.01	0.00
			141	-3.98	-0.38	-2.62	-0.07	0.05	0.00
			4	-1.86	-0.16	0.85	-0.05	0.17	0.00
		2.6	28	0.30	-0.05	-0.04	-0.04	0.01	0.00
			143	-0.25	-0.23	0.69	0.00	0.01	0.00
			138	-0.61	-1.39	0.81	0.00	-0.04	0.00
			1	-0.03	-0.93	0.13	-0.02	-0.03	0.00
		2.7	3	-0.36	-0.53	-0.09	0.08	-0.13	0.00
			31	-0.59	-0.37	-0.03	-0.51	0.55	0.00
			28	0.16	-0.14	0.15	-0.18	0.56	0.00
			1	0.18	-0.33	0.06	0.00	-0.13	0.00
		2.8	142	-3.29	0.41	1.68	0.14	-0.01	0.00
			151	-0.50	1.32	2.19	-0.14	-0.03	0.00
			150	-1.17	-0.83	0.56	-0.14	0.04	0.00
			3	-1.99	-1.14	0.37	0.10	0.08	0.00
		2.9	2	0.14	0.29	-0.25	-0.06	-0.11	0.00
			4	-2.60	-0.61	0.13	-0.13	-0.09	0.00
			141	-2.06	-0.66	0.89	-0.10	0.04	0.00
			146	0.32	0.05	0.82	-0.04	0.04	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
		2.10	1	-0.44	-0.59	-0.21	0.03	-0.10	0.00
			145	-0.10	0.15	0.02	0.08	0.08	0.00
			147	0.61	0.37	0.39	0.06	0.08	0.00
			3	0.18	-0.33	0.11	-0.05	-0.11	0.00
		2.11	4	-0.11	-0.02	0.02	-0.19	-0.07	0.00
			2	-0.45	-0.18	0.13	-0.28	-0.04	0.00
			28	-0.20	-0.24	0.13	0.58	0.60	0.00
			31	0.22	-0.12	0.03	0.64	0.61	0.00
		2.12	149	-0.61	-0.22	-0.16	0.08	-0.03	0.00
			4	-0.61	-0.22	-0.16	0.00	0.08	0.00
			31	-0.61	-0.22	-0.16	-0.13	-0.03	0.00
		2.13	147	-0.85	-0.43	-0.53	-0.03	-0.08	0.00
			142	-0.85	-0.43	-0.53	0.17	-0.08	0.00
			3	-0.85	-0.43	-0.53	0.08	0.13	0.00
	2	2.1	139	0.03	-0.02	0.01	0.00	0.00	0.00
			143	0.03	-0.02	0.00	0.00	0.00	0.00
			28	0.00	-0.03	0.00	0.00	0.00	0.00
			144	0.00	-0.03	0.01	0.00	0.00	0.00
		2.2	150	-0.01	-0.01	0.00	-0.01	0.00	0.00
			149	-0.01	-0.01	0.01	-0.01	0.00	0.00
			31	0.00	-0.01	0.01	0.01	0.00	0.00
			3	0.01	0.00	0.00	0.02	0.00	0.00
		2.3	2	0.00	-0.01	0.00	0.00	0.02	0.00
			146	0.00	-0.02	0.00	0.00	-0.01	0.00
			144	0.01	-0.01	0.00	0.00	-0.01	0.00
			28	0.01	-0.01	0.00	0.00	0.02	0.00
		2.4	138	0.03	-0.02	0.00	0.00	0.00	0.00
			140	0.02	-0.02	-0.01	0.00	0.00	0.00
			145	0.00	-0.03	-0.01	0.00	0.00	0.00
			1	0.00	-0.02	-0.01	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	-0.01	-0.02	0.00	0.00	0.00	0.00
			141	0.00	-0.02	0.00	0.00	0.00	0.00
			4	0.01	0.01	-0.01	0.00	0.01	0.00
		2.6	28	0.00	-0.03	0.01	0.01	0.00	0.00
			143	0.05	-0.02	0.00	0.00	0.00	0.00
			138	0.06	0.00	-0.01	0.00	0.00	0.00
			1	0.01	-0.02	0.00	0.01	0.00	0.00
		2.7	3	0.01	-0.01	0.01	0.03	-0.02	0.00
			31	0.00	-0.02	0.01	-0.05	0.08	0.00
			28	0.00	-0.02	0.00	-0.02	0.08	0.00
			1	0.01	-0.01	0.00	0.01	-0.02	0.00
		2.8	142	0.01	0.00	0.00	0.00	0.00	0.00
			151	0.00	-0.01	-0.01	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.01	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	-0.01	0.00	-0.01	-0.02	0.00
			4	0.00	-0.01	-0.01	0.00	-0.02	0.00
			141	0.01	0.02	-0.01	0.00	0.01	0.00
			146	0.01	0.02	0.00	0.00	0.01	0.00
		2.10	1	0.01	-0.01	0.00	0.00	-0.02	0.00
			145	0.01	-0.01	0.00	0.00	0.01	0.00
			147	-0.01	-0.02	0.00	0.01	0.01	0.00
			3	0.00	-0.01	0.00	-0.01	-0.02	0.00
		2.11	4	0.01	-0.01	0.00	-0.05	-0.01	0.00
			2	0.01	-0.01	0.00	-0.05	-0.01	0.00
			28	0.00	-0.02	0.00	0.08	0.09	0.00
			31	0.00	-0.02	-0.01	0.07	0.09	0.00
		2.12	149	0.01	-0.01	0.00	0.00	0.00	0.00
			4	0.01	-0.01	0.00	-0.01	0.02	0.00
			31	0.01	-0.01	0.00	-0.03	0.00	0.00
		2.13	147	0.01	0.01	0.00	0.00	0.00	0.00
			142	0.01	0.01	0.00	0.00	0.00	0.00
			3	0.01	0.01	0.00	0.00	0.00	0.00
	3	2.1	139	-0.02	-1.45	-1.94	-0.04	-0.10	0.00
			143	0.63	0.70	-1.45	-0.04	0.13	0.00
			28	1.64	1.01	-0.91	0.06	0.13	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			144	1.00	-1.15	-1.40	0.06	-0.10	0.00
		2.2	150	17.80	0.67	0.26	-0.03	0.34	0.00
			149	20.69	6.96	-6.73	0.02	-0.62	0.00
			31	1.15	0.95	-4.48	-0.90	-0.59	0.00
			3	-14.57	-7.97	2.38	-1.60	0.15	0.00
		2.3	2	0.21	-6.90	-0.57	-0.14	-0.07	0.00
			146	3.24	3.45	-0.93	-0.13	0.06	0.00
			144	2.16	3.01	1.44	0.08	0.06	0.00
			28	0.71	-1.78	1.73	0.08	0.09	0.00
		2.4	138	1.47	-5.61	-4.14	-0.25	-0.38	0.00
			140	2.98	-0.84	-5.86	-0.26	0.13	0.00
			145	-4.78	-3.24	-3.18	0.56	0.12	0.00
			1	-5.11	-8.56	-1.61	0.41	-0.50	0.00
		2.5	149	-7.10	3.07	1.26	1.16	-1.30	0.00
			148	-3.71	9.21	-32.68	1.23	-0.07	0.00
			141	-40.94	-2.75	-26.73	-0.85	0.53	0.00
			4	-19.34	-1.76	9.13	-0.72	1.43	0.00
		2.6	28	3.31	1.32	-0.71	-0.81	0.12	0.00
			143	-2.40	-0.56	7.36	0.23	0.11	0.00
			138	-6.35	-13.42	8.60	0.25	-0.47	0.00
			1	-0.29	-8.42	1.16	-0.68	-0.31	0.00
		2.7	3	-3.88	-4.86	-1.37	-1.18	-0.23	0.00
			31	-6.00	-2.54	-1.04	-2.03	0.76	0.00
			28	1.69	-0.18	1.35	-0.92	0.78	0.00
			1	1.66	-2.76	0.49	-0.66	-0.18	0.00
		2.8	142	-34.24	4.51	17.42	1.46	-0.13	0.00
			151	-5.13	13.94	22.66	-1.50	-0.26	0.00
			150	-12.11	-8.43	5.66	-1.47	0.33	0.00
			3	-20.66	-11.73	3.71	1.11	0.76	0.00
		2.9	2	1.66	4.07	-2.77	-0.22	0.15	0.00
			4	-26.70	-5.72	1.79	-1.09	0.42	0.00
			141	-21.64	-7.79	9.54	-1.24	-0.19	0.00
			146	2.90	-0.50	8.24	-0.24	-0.18	0.00
		2.10	1	-4.94	-5.44	-2.18	0.54	-0.04	0.00
			145	-1.20	2.56	0.44	0.64	0.36	0.00
			147	6.81	5.03	4.35	0.15	0.36	0.00
			3	2.04	-2.52	1.31	-0.11	-0.10	0.00
		2.11	4	-1.43	0.50	0.47	1.10	-0.23	0.00
			2	-4.93	-1.01	1.40	0.01	0.10	0.00
			28	-2.15	-1.21	1.68	0.99	0.83	0.00
			31	2.23	0.10	0.94	2.43	0.84	0.00
		2.12	149	-6.48	-1.62	-1.37	0.69	-0.54	0.00
			4	-6.48	-1.62	-1.37	0.75	-0.62	0.00
			31	-6.48	-1.62	-1.37	0.84	-0.54	0.00
		2.13	147	-8.97	-5.01	-5.58	-0.53	-0.87	0.00
			142	-8.97	-5.01	-5.58	1.81	-0.87	0.00
			3	-8.97	-5.01	-5.58	0.80	1.52	0.00
	4	2.1	139	1.39	0.41	0.59	0.01	0.01	0.00
			143	1.34	0.27	0.05	0.01	0.00	0.00
			28	0.25	-0.06	0.01	0.01	0.00	0.00
			144	0.29	0.08	0.55	0.01	0.01	0.00
		2.2	150	-0.18	-0.47	-0.28	0.03	0.00	0.00
			149	-0.08	-0.06	-0.15	0.03	-0.02	0.00
			31	0.30	0.05	-0.01	-0.05	-0.02	0.00
			3	0.48	-0.20	-0.01	-0.07	-0.01	0.00
		2.3	2	0.31	0.08	-0.07	0.01	-0.10	0.00
			146	0.32	0.11	-0.08	0.02	0.04	0.00
			144	0.29	0.10	-0.08	0.01	0.04	0.00
			28	0.29	0.09	-0.07	0.01	-0.10	0.00
		2.4	138	1.36	0.25	-0.25	-0.02	0.00	0.00
			140	1.44	0.45	-0.61	-0.02	0.01	0.00
			145	-0.19	-0.04	-0.49	0.00	0.01	0.00
			1	0.03	-0.19	-0.08	0.00	0.00	0.00
		2.5	149	0.03	0.00	-0.08	-0.03	0.00	0.00
			148	0.04	0.14	0.70	-0.03	0.01	0.00
			141	0.88	0.37	0.60	0.00	0.00	0.00
			4	0.29	0.05	-0.25	-0.01	-0.03	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
		2.6	28	0.07	-0.12	0.05	-0.03	0.00	0.00
			143	2.26	0.54	0.04	0.00	0.00	0.00
			138	2.31	0.57	-0.39	0.01	-0.01	0.00
			1	0.36	-0.02	-0.27	-0.03	0.00	0.00
		2.7	3	0.30	0.06	-0.02	-0.13	0.07	0.00
			31	0.33	0.08	-0.03	0.20	-0.31	0.00
			28	0.27	0.06	-0.03	0.06	-0.32	0.00
			1	0.26	0.05	-0.02	-0.05	0.07	0.00
		2.8	142	1.37	0.40	-0.63	-0.02	0.00	0.00
			151	0.06	0.02	-0.57	0.02	0.00	0.00
			150	-0.05	-0.38	0.20	0.02	0.01	0.00
			3	0.32	-0.28	0.20	-0.02	0.00	0.00
		2.9	2	0.32	0.05	-0.04	0.03	0.08	0.00
			4	0.43	0.10	-0.07	0.02	0.08	0.00
			141	0.42	0.13	-0.10	-0.01	-0.03	0.00
			146	0.33	0.10	-0.09	0.02	-0.03	0.00
		2.10	1	0.22	0.09	0.16	0.02	0.06	0.00
			145	0.23	0.06	0.19	-0.01	-0.04	0.00
			147	0.39	0.10	0.18	-0.03	-0.04	0.00
			3	0.34	0.12	0.15	0.03	0.06	0.00
		2.11	4	0.30	0.04	-0.04	0.19	0.03	0.00
			2	0.40	0.08	-0.06	0.18	0.03	0.00
			28	0.32	0.08	-0.07	-0.31	-0.34	0.00
			31	0.20	0.04	-0.06	-0.26	-0.34	0.00
		2.12	149	0.19	-0.01	-0.07	-0.01	-0.02	0.00
			4	0.19	-0.01	-0.07	0.05	-0.10	0.00
			31	0.19	-0.01	-0.07	0.14	-0.02	0.00
		2.13	147	0.39	0.16	0.18	-0.01	0.01	0.00
			142	0.39	0.16	0.18	-0.02	0.01	0.00
			3	0.39	0.16	0.18	-0.01	-0.01	0.00
	7	2.1	139	10.45	20.62	-6.13	-0.20	-0.06	0.00
			143	-3.86	-27.06	-6.95	-0.20	0.02	0.00
			28	-5.51	-27.56	-18.87	0.09	0.02	0.00
			144	8.79	20.12	-18.05	0.09	-0.06	0.00
		2.2	150	-397.61	-66.16	-57.45	1.68	-0.91	0.00
			149	-433.80	-141.95	35.62	1.68	0.52	0.00
			31	-173.18	-62.06	8.40	-1.04	0.51	0.00
			3	34.60	50.78	-81.11	0.38	-1.10	0.00
		2.3	2	-22.15	-81.19	-24.90	-0.02	0.25	0.00
			146	11.61	31.18	-22.42	-0.07	-0.58	0.00
			144	11.80	30.01	3.16	0.10	-0.57	0.00
			28	-3.75	-21.87	3.35	0.10	0.35	0.00
		2.4	138	-1.66	-16.63	3.63	0.05	-0.12	0.00
			140	10.47	24.07	5.16	0.05	0.00	0.00
			145	18.42	25.85	27.96	0.13	0.00	0.00
			1	2.18	-23.84	21.69	0.10	-0.13	0.00
		2.5	149	-272.89	17.53	22.36	-5.38	4.37	0.00
			148	-305.23	-65.68	184.64	-5.54	0.49	0.00
			141	-125.10	-0.36	149.03	-0.57	-0.91	0.00
			4	-210.83	52.69	-17.51	-0.69	-2.38	0.00
		2.6	28	22.15	-19.14	11.45	0.33	0.02	0.00
			143	1.02	-25.36	6.06	0.02	0.02	0.00
			138	3.24	-16.80	10.09	0.02	-0.11	0.00
			1	21.30	-13.53	13.80	0.38	-0.17	0.00
		2.7	3	-82.04	-63.96	-22.02	-0.73	0.27	0.00
			31	-144.08	-65.17	0.49	-0.41	-0.10	0.00
			28	24.16	-14.38	15.00	0.37	-0.10	0.00
			1	37.06	-25.66	-8.02	0.24	0.35	0.00
		2.8	142	-94.41	-16.00	-120.46	-0.03	2.63	0.00
			151	-299.92	-80.19	-141.43	6.07	2.94	0.00
			150	-273.73	0.90	-21.09	6.01	-0.93	0.00
			3	-213.93	21.48	-11.93	1.73	-1.65	0.00
		2.9	2	-5.25	6.86	-8.45	-0.05	0.10	0.00
			4	-228.44	-55.44	8.89	0.09	0.05	0.00
			141	-173.91	-26.06	75.56	0.24	0.66	0.00
			146	23.70	33.48	82.12	0.00	0.66	0.00
		2.10	1	-20.28	-42.89	-3.72	0.22	0.36	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			145	-1.32	19.36	2.56	-0.02	-0.54	0.00
			147	0.55	20.48	34.59	-0.74	-0.55	0.00
			3	-16.62	-35.00	23.20	-0.25	0.32	0.00
		2.11	4	-59.08	-35.96	23.79	0.34	-0.05	0.00
			2	40.47	-6.90	14.05	-0.24	0.14	0.00
			28	-53.03	-36.76	-11.17	-0.59	-0.13	0.00
			31	-183.76	-75.99	-12.71	0.24	-0.13	0.00
		2.12	149	-164.76	-56.13	0.54	-2.68	0.40	0.00
			4	-164.76	-56.13	0.54	-1.28	-1.43	0.00
			31	-164.76	-56.13	0.54	0.95	0.40	0.00
		2.13	147	-156.37	-9.39	-64.61	-0.61	-0.34	0.00
			142	-156.37	-9.39	-64.61	1.16	-0.34	0.00
			3	-156.37	-9.39	-64.61	0.40	1.46	0.00
	9	2.1	139	0.02	-0.02	0.01	0.00	0.00	0.00
			143	0.02	-0.02	0.00	0.00	0.00	0.00
			28	0.00	-0.02	0.00	0.00	0.00	0.00
			144	0.00	-0.02	0.01	0.00	0.00	0.00
		2.2	150	-0.01	0.00	0.00	-0.01	0.00	0.00
			149	-0.01	-0.01	0.01	-0.01	0.00	0.00
			31	0.00	-0.01	0.00	0.01	0.00	0.00
			3	0.01	0.00	0.00	0.01	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.02	0.00
			146	0.00	-0.02	0.00	0.00	-0.01	0.00
			144	0.01	-0.01	0.00	0.00	-0.01	0.00
			28	0.01	-0.01	0.00	0.00	0.02	0.00
		2.4	138	0.02	-0.01	0.00	0.00	0.00	0.00
			140	0.02	-0.01	-0.01	0.00	0.00	0.00
			145	0.00	-0.02	-0.01	0.00	0.00	0.00
			1	0.00	-0.02	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	-0.01	-0.02	0.00	0.00	0.00	0.00
			141	0.00	-0.01	0.00	0.00	0.00	0.00
			4	0.01	0.01	-0.01	0.00	0.00	0.00
		2.6	28	0.00	-0.02	0.00	0.01	0.00	0.00
			143	0.04	-0.01	0.00	0.00	0.00	0.00
			138	0.04	0.00	-0.01	0.00	0.00	0.00
			1	0.00	-0.02	0.00	0.01	0.00	0.00
		2.7	3	0.01	0.00	0.00	0.02	-0.01	0.00
			31	0.00	-0.01	0.01	-0.04	0.06	0.00
			28	0.00	-0.01	0.00	-0.01	0.06	0.00
			1	0.01	0.00	0.00	0.01	-0.01	0.00
		2.8	142	0.01	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	-0.01	0.00	0.00	-0.02	0.00
			4	0.00	0.00	-0.01	0.00	-0.02	0.00
			141	0.01	0.01	-0.01	0.00	0.01	0.00
			146	0.01	0.01	0.00	0.00	0.01	0.00
		2.10	1	0.01	0.00	0.00	0.00	-0.01	0.00
			145	0.01	-0.01	0.00	0.00	0.01	0.00
			147	0.00	-0.01	0.00	0.01	0.01	0.00
			3	0.00	-0.01	0.00	-0.01	-0.01	0.00
		2.11	4	0.01	-0.01	0.00	-0.04	-0.01	0.00
			2	0.01	-0.01	0.00	-0.03	-0.01	0.00
			28	0.00	-0.01	-0.01	0.06	0.07	0.00
			31	0.00	-0.01	-0.01	0.05	0.07	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	-0.01	0.02	0.00
			31	0.00	0.00	0.00	-0.03	0.00	0.00
		2.13	147	0.00	0.01	0.00	0.00	0.00	0.00
			142	0.00	0.01	0.00	0.00	0.00	0.00
			3	0.00	0.01	0.00	0.00	0.00	0.00
	11	2.1	139	-0.23	-0.13	-0.20	0.00	0.00	0.00
			143	-0.21	-0.05	-0.09	0.00	0.00	0.00
			28	0.01	0.02	-0.07	0.00	0.00	0.00
			144	-0.01	-0.07	-0.18	0.00	0.00	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
		2.2	150	0.03	0.03	-0.13	0.01	0.00	0.00
			149	0.02	0.00	-0.14	0.01	0.00	0.00
			31	0.01	0.00	-0.14	0.00	0.00	0.00
			3	0.00	0.01	-0.15	0.00	0.00	0.00
		2.3	2	0.04	0.01	-0.13	0.00	0.00	0.00
			146	0.02	-0.07	-0.15	0.00	0.00	0.00
			144	-0.02	-0.08	-0.17	0.00	0.00	0.00
			28	-0.01	-0.04	-0.16	0.00	0.00	0.00
		2.4	138	0.27	0.07	-0.14	-0.01	0.00	0.00
			140	0.30	0.15	-0.21	-0.01	0.00	0.00
			145	-0.02	0.05	-0.17	0.00	0.00	0.00
			1	0.01	-0.02	-0.09	0.00	0.00	0.00
		2.5	149	-0.02	-0.02	-0.14	0.01	-0.01	0.00
			148	-0.03	-0.05	-0.11	0.01	0.00	0.00
			141	0.00	-0.04	-0.12	0.00	0.00	0.00
			4	-0.01	-0.01	-0.15	0.00	0.00	0.00
		2.6	28	-0.06	0.00	-0.09	0.00	0.00	0.00
			143	0.07	0.03	-0.07	0.01	0.00	0.00
			138	0.06	-0.01	-0.09	0.01	0.00	0.00
			1	-0.05	-0.03	-0.11	0.00	0.00	0.00
		2.7	3	0.01	0.05	-0.16	0.00	0.00	0.00
			31	-0.03	-0.02	-0.13	-0.01	0.01	0.00
			28	0.01	0.00	-0.18	0.00	0.01	0.00
			1	0.04	0.06	-0.19	0.00	0.00	0.00
		2.8	142	-0.04	0.04	-0.10	0.00	0.00	0.00
			151	0.05	0.07	-0.09	0.01	0.00	0.00
			150	0.04	0.03	-0.14	0.01	0.00	0.00
			3	0.01	0.02	-0.15	0.00	0.00	0.00
		2.9	2	0.03	-0.03	-0.14	0.00	0.00	0.00
			4	-0.01	-0.04	-0.13	0.00	0.00	0.00
			141	0.00	-0.06	-0.12	0.00	0.00	0.00
			146	0.03	-0.05	-0.13	0.00	0.00	0.00
		2.10	1	-0.03	0.04	-0.15	0.00	0.00	0.00
			145	-0.02	0.07	-0.15	0.00	0.00	0.00
			147	-0.02	0.07	-0.14	0.00	0.00	0.00
			3	-0.03	0.04	-0.14	0.00	0.00	0.00
		2.11	4	0.01	-0.03	-0.15	0.00	0.00	0.00
			2	-0.01	-0.03	-0.15	0.00	0.00	0.00
			28	0.01	-0.01	-0.14	0.01	0.01	0.00
			31	0.04	0.00	-0.13	0.00	0.01	0.00
		2.12	149	-0.01	-0.01	-0.14	0.00	0.00	0.00
			4	-0.01	-0.01	-0.14	0.00	0.00	0.00
			31	-0.01	-0.01	-0.14	0.00	0.00	0.00
		2.13	147	-0.01	0.05	-0.13	0.00	0.01	0.00
			142	-0.01	0.05	-0.13	-0.01	0.01	0.00
			3	-0.01	0.05	-0.13	0.00	0.00	0.00
	13	2.1	139	0.21	0.12	0.19	0.00	0.00	0.00
			143	0.18	0.04	0.09	0.00	0.00	0.00
			28	-0.02	-0.02	0.07	0.00	0.00	0.00
			144	0.01	0.06	0.17	0.00	0.00	0.00
		2.2	150	-0.03	-0.02	0.14	-0.01	0.00	0.00
			149	-0.02	0.00	0.14	-0.01	0.00	0.00
			31	-0.01	0.00	0.15	0.00	0.00	0.00
			3	-0.01	-0.01	0.15	0.00	0.00	0.00
		2.3	2	-0.05	-0.01	0.13	0.00	0.00	0.00
			146	-0.02	0.07	0.15	0.00	0.00	0.00
			144	0.01	0.08	0.17	0.00	0.00	0.00
			28	0.00	0.04	0.16	0.00	0.00	0.00
		2.4	138	-0.30	-0.08	0.14	0.01	0.00	0.00
			140	-0.32	-0.16	0.22	0.01	-0.01	0.00
			145	0.03	-0.05	0.17	0.00	0.00	0.00
			1	-0.01	0.03	0.09	0.00	0.00	0.00
		2.5	149	0.02	0.02	0.14	-0.01	0.01	0.00
			148	0.03	0.04	0.11	-0.01	0.00	0.00
			141	-0.01	0.03	0.11	0.00	0.00	0.00
			4	0.00	0.01	0.15	0.00	0.00	0.00
		2.6	28	0.06	0.00	0.09	0.00	0.00	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			143	-0.12	-0.05	0.07	-0.01	0.00	0.00
			138	-0.11	0.00	0.10	-0.01	0.00	0.00
			1	0.04	0.03	0.11	0.00	0.00	0.00
		2.7	3	-0.01	-0.06	0.16	0.00	0.00	0.00
			31	0.03	0.01	0.13	0.00	0.01	0.00
			28	-0.02	0.00	0.18	0.00	0.01	0.00
			1	-0.04	-0.06	0.19	0.00	0.00	0.00
		2.8	142	0.02	-0.05	0.11	0.00	0.00	0.00
			151	-0.05	-0.07	0.10	-0.01	0.00	0.00
			150	-0.04	-0.02	0.14	-0.01	0.00	0.00
			3	-0.02	-0.01	0.14	0.00	0.00	0.00
		2.9	2	-0.04	0.02	0.14	0.00	0.00	0.00
			4	0.00	0.04	0.13	0.00	0.00	0.00
			141	0.00	0.06	0.12	0.00	0.01	0.00
			146	-0.03	0.05	0.13	0.00	0.01	0.00
		2.10	1	0.03	-0.04	0.15	0.00	0.00	0.00
			145	0.02	-0.07	0.15	0.00	0.00	0.00
			147	0.02	-0.07	0.13	0.00	0.00	0.00
			3	0.03	-0.05	0.14	0.00	0.00	0.00
		2.11	4	-0.01	0.03	0.15	0.00	0.00	0.00
			2	0.01	0.03	0.15	0.00	0.00	0.00
			28	-0.02	0.00	0.14	0.01	0.01	0.00
			31	-0.04	-0.01	0.13	0.01	0.01	0.00
		2.12	149	0.01	0.00	0.14	0.00	0.00	0.00
			4	0.01	0.00	0.14	0.00	0.00	0.00
			31	0.01	0.00	0.14	0.00	0.00	0.00
		2.13	147	0.00	-0.05	0.12	0.00	-0.01	0.00
			142	0.00	-0.05	0.12	0.01	-0.01	0.00
			3	0.00	-0.05	0.12	0.00	0.00	0.00
	5 (CQC)	2.1	139	0.42	0.30	0.37	0.01	0.01	0.00
			143	0.38	0.09	0.18	0.01	0.00	0.00
			28	0.03	0.03	0.13	0.00	0.00	0.00
			144	0.04	0.22	0.33	0.00	0.01	0.00
		2.2	150	0.05	0.04	0.34	0.01	0.00	0.00
			149	0.05	0.02	0.33	0.01	0.00	0.00
			31	0.05	0.02	0.34	0.00	0.00	0.00
			3	0.07	0.03	0.34	0.00	0.00	0.00
		2.3	2	0.08	0.04	0.28	0.00	0.00	0.00
			146	0.07	0.21	0.31	0.00	0.01	0.00
			144	0.04	0.21	0.36	0.00	0.01	0.00
			28	0.02	0.10	0.35	0.00	0.00	0.00
		2.4	138	0.54	0.15	0.28	0.01	0.00	0.00
			140	0.59	0.34	0.42	0.01	0.01	0.00
			145	0.13	0.23	0.33	0.00	0.01	0.00
			1	0.07	0.09	0.18	0.00	0.00	0.00
		2.5	149	0.03	0.05	0.33	0.02	0.01	0.00
			148	0.05	0.11	0.29	0.02	0.01	0.00
			141	0.07	0.09	0.31	0.00	0.01	0.00
			4	0.03	0.04	0.34	0.00	0.01	0.00
		2.6	28	0.14	0.02	0.18	0.01	0.00	0.00
			143	0.18	0.08	0.13	0.03	0.00	0.00
			138	0.17	0.09	0.19	0.03	0.01	0.00
			1	0.11	0.07	0.21	0.01	0.00	0.00
		2.7	3	0.03	0.11	0.35	0.00	0.00	0.00
			31	0.11	0.04	0.28	0.00	0.00	0.00
			28	0.06	0.01	0.38	0.01	0.00	0.00
			1	0.10	0.12	0.41	0.01	0.00	0.00
		2.8	142	0.08	0.11	0.26	0.01	0.01	0.00
			151	0.10	0.15	0.24	0.02	0.00	0.00
			150	0.07	0.04	0.32	0.02	0.00	0.00
			3	0.05	0.02	0.33	0.01	0.00	0.00
		2.9	2	0.07	0.08	0.32	0.00	0.00	0.00
			4	0.05	0.09	0.30	0.00	0.00	0.00
			141	0.04	0.13	0.30	0.00	0.01	0.00
			146	0.07	0.12	0.31	0.00	0.01	0.00
		2.10	1	0.08	0.08	0.35	0.00	0.00	0.00
			145	0.04	0.20	0.32	0.00	0.01	0.00

Forze elementi superficiali per elemento (sistema di coordinate locale)									
Elemento N°	***Caso di carico***	***Mesh***	***N° Nodo***	***Fxx(kN)***	***Fyy(kN)***	***Fxy(kN)***	***Fxz(kN)***	***Fyz(kN)***	***Fzz(kN)***
			147	0.11	0.22	0.27	0.00	0.01	0.00
			3	0.06	0.10	0.30	0.00	0.00	0.00
		2.11	4	0.02	0.06	0.34	0.00	0.00	0.00
			2	0.13	0.08	0.34	0.00	0.00	0.00
			28	0.02	0.01	0.30	0.00	0.00	0.00
			31	0.18	0.05	0.28	0.00	0.00	0.00
		2.12	149	0.04	0.01	0.33	0.01	0.00	0.00
			4	0.04	0.01	0.33	0.00	0.01	0.00
			31	0.04	0.01	0.33	0.00	0.00	0.00
		2.13	147	0.03	0.11	0.30	0.01	0.01	0.00
			142	0.03	0.11	0.30	0.01	0.01	0.00
			3	0.03	0.11	0.30	0.00	0.01	0.00
	6 (CQC)	2.1	139	0.01	0.12	0.08	0.00	0.00	0.00
			143	0.04	0.21	0.09	0.00	0.00	0.00
			28	0.02	0.20	0.06	0.00	0.00	0.00
			144	0.02	0.12	0.05	0.00	0.00	0.00
		2.2	150	0.02	0.06	0.06	0.00	0.00	0.00
			149	0.02	0.04	0.07	0.00	0.00	0.00
			31	0.07	0.05	0.08	0.00	0.00	0.00
			3	0.09	0.05	0.07	0.00	0.00	0.00
		2.3	2	0.01	0.12	0.08	0.00	0.00	0.00
			146	0.01	0.19	0.08	0.00	0.00	0.00
			144	0.02	0.18	0.06	0.00	0.00	0.00
			28	0.01	0.16	0.07	0.00	0.00	0.00
		2.4	138	0.03	0.17	0.10	0.00	0.00	0.00
			140	0.01	0.13	0.10	0.00	0.00	0.00
			145	0.03	0.12	0.03	0.00	0.00	0.00
			1	0.01	0.18	0.05	0.00	0.00	0.00
		2.5	149	0.02	0.13	0.10	0.00	0.01	0.00
			148	0.02	0.08	0.10	0.00	0.02	0.00
			141	0.03	0.08	0.12	0.00	0.02	0.00
			4	0.03	0.15	0.11	0.00	0.01	0.00
		2.6	28	0.02	0.20	0.05	0.00	0.00	0.00
			143	0.02	0.20	0.07	0.00	0.00	0.00
			138	0.00	0.17	0.07	0.00	0.00	0.00
			1	0.01	0.18	0.06	0.00	0.00	0.00
		2.7	3	0.04	0.12	0.07	0.00	0.00	0.00
			31	0.09	0.14	0.05	0.00	0.00	0.00
			28	0.01	0.12	0.06	0.00	0.00	0.00
			1	0.02	0.10	0.08	0.00	0.00	0.00
		2.8	142	0.04	0.13	0.12	0.01	0.02	0.00
			151	0.04	0.13	0.14	0.01	0.02	0.00
			150	0.02	0.05	0.14	0.01	0.01	0.00
			3	0.01	0.04	0.13	0.00	0.01	0.00
		2.9	2	0.01	0.09	0.08	0.00	0.00	0.00
			4	0.02	0.13	0.13	0.00	0.00	0.00
			141	0.05	0.25	0.12	0.00	0.00	0.00
			146	0.04	0.25	0.08	0.00	0.00	0.00
		2.10	1	0.01	0.10	0.06	0.00	0.00	0.00
			145	0.03	0.20	0.07	0.00	0.00	0.00
			147	0.04	0.20	0.13	0.00	0.00	0.00
			3	0.01	0.11	0.11	0.00	0.00	0.00
		2.11	4	0.03	0.09	0.08	0.00	0.00	0.00
			2	0.02	0.10	0.09	0.00	0.00	0.00
			28	0.03	0.13	0.08	0.00	0.00	0.00
			31	0.06	0.14	0.07	0.00	0.00	0.00
		2.12	149	0.04	0.04	0.10	0.01	0.00	0.00
			4	0.04	0.04	0.10	0.00	0.00	0.00
			31	0.04	0.04	0.10	0.00	0.00	0.00
		2.13	147	0.04	0.23	0.13	0.00	0.00	0.00
			142	0.04	0.23	0.13	0.00	0.00	0.00
			3	0.04	0.23	0.13	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
1	1	1.1	128	0.00	0.00	0.01	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	-0.01	-0.01	0.00	0.00	0.00
			123	0.00	-0.02	0.01	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.01	0.00	0.00	0.00	0.00
			130	0.00	0.01	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	-0.01	-0.01	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	-0.01	0.00	0.00	0.00
			124	0.00	-0.01	-0.01	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	-0.01	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	-0.01	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	-0.01	-0.01	0.00	0.00	0.00	0.00
		1.9	9	0.00	-0.01	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	-0.01	0.00	0.00	0.00	0.00
			7	0.00	-0.01	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	-0.01	0.00	0.00	0.00	0.00
			10	0.00	-0.01	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	-0.01	0.00	0.00	0.00	0.00
			8	0.00	-0.01	0.00	0.00	0.00	0.00
			124	0.00	-0.01	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	2	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.01	0.00	0.00	0.00	0.00
			149	0.00	0.01	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	-0.01	0.00	0.00	0.00	0.00
			1	-0.01	-0.01	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			148	0.00	0.00	-0.01	0.00	0.00	0.00
			141	0.00	-0.02	-0.01	0.00	0.00	0.00
			4	0.00	-0.01	0.01	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	-0.01	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	-0.01	0.01	0.00	0.00	0.00
			151	0.00	0.00	0.01	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	-0.01	-0.01	0.00	0.00	0.00	0.00
		2.9	2	0.00	-0.01	0.00	0.00	0.00	0.00
			4	0.00	-0.01	0.00	0.00	0.00	0.00
			141	0.00	-0.01	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	-0.01	0.00	0.00	0.00	0.00
			145	0.00	-0.01	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	-0.01	0.00	0.00	0.00	0.00
			142	0.00	-0.01	0.00	0.00	0.00	0.00
			3	0.00	-0.01	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**-0.01 (1, 8)**	**-0.02 (1, 123)**	**-0.01 (1, 7)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.00 (1, 128)**	**0.01 (1, 129)**	**0.01 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
2	1	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	2	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	*Nr.*	*Mesh*	*N° Nodo*	*Mxx (kN*m)*	*Myy (kN*m)*	*Mxy (kN*m)*	*Mxz (kN*m)*	*Myz (kN*m)*	*Mzz (kN*m)*
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
3	1	1.1	128	0.03	-0.01	0.13	0.00	0.00	0.00
			129	-0.01	-0.03	-0.02	0.00	0.00	0.00
			7	-0.03	-0.08	-0.06	0.00	0.00	0.00
			123	-0.03	-0.18	0.10	0.00	0.00	0.00
		1.2	21	0.01	0.02	0.02	0.00	0.00	0.00
			129	0.03	0.07	0.03	0.00	0.00	0.00
			130	-0.01	0.06	0.01	0.00	0.00	0.00
			8	-0.03	-0.02	0.00	0.00	0.00	0.00
		1.3	21	0.01	0.05	0.00	0.00	0.00	0.00
			24	0.00	0.02	0.00	0.00	0.00	0.00
			9	0.00	-0.01	0.00	0.00	0.00	0.00
			7	0.01	0.02	0.01	0.00	0.00	0.00
		1.4	8	-0.06	-0.08	0.00	0.00	0.00	0.00
			130	-0.04	-0.05	-0.01	0.00	0.00	0.00
			131	0.04	-0.02	-0.08	0.00	0.00	0.00
			124	0.00	-0.15	-0.06	0.00	0.00	0.00
		1.5	24	0.00	0.01	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	-0.01	0.00	0.01	0.00	0.00	0.00
			134	0.00	0.01	0.01	0.00	0.00	0.00
		1.6	125	-0.05	-0.02	-0.03	0.00	0.00	0.00
			136	0.00	-0.01	-0.03	0.00	0.00	0.00
			24	0.01	0.02	0.00	0.00	0.00	0.00
			10	-0.03	0.01	-0.01	0.00	0.00	0.00
		1.7	10	0.00	0.02	0.00	0.00	0.00	0.00
			24	0.00	0.02	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.01	0.00	0.00	0.00
			8	-0.01	0.00	0.01	0.00	0.00	0.00
		1.8	135	-0.04	-0.09	0.02	0.00	0.00	0.00
			127	-0.01	0.01	0.03	0.00	0.00	0.00
			125	-0.02	0.00	0.01	0.00	0.00	0.00
			10	-0.05	-0.08	0.00	0.00	0.00	0.00
		1.9	9	-0.01	-0.05	0.00	0.00	0.00	0.00
			132	-0.02	-0.05	-0.02	0.00	0.00	0.00
			123	-0.04	-0.11	-0.03	0.00	0.00	0.00
			7	-0.03	-0.12	-0.01	0.00	0.00	0.00
		1.10	8	-0.02	-0.04	0.00	0.00	0.00	0.00
			133	0.00	-0.02	-0.02	0.00	0.00	0.00
			135	-0.01	-0.07	0.00	0.00	0.00	0.00
			10	-0.04	-0.09	0.01	0.00	0.00	0.00
		1.11	9	-0.02	-0.04	0.02	0.00	0.00	0.00
			24	0.01	0.02	0.00	0.00	0.00	0.00
			134	0.01	0.02	-0.01	0.00	0.00	0.00
			132	0.00	-0.04	-0.01	0.00	0.00	0.00
		1.12	133	-0.03	-0.06	0.01	0.00	0.00	0.00
			8	-0.03	-0.06	0.01	0.00	0.00	0.00
			124	-0.03	-0.06	0.01	0.00	0.00	0.00
		1.13	129	0.01	0.02	0.01	0.00	0.00	0.00
			21	0.01	0.02	0.01	0.00	0.00	0.00
			7	0.01	0.02	0.01	0.00	0.00	0.00
	2	2.1	139	-0.01	0.00	-0.01	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.01	0.00	0.00	0.00	0.00
			144	0.00	0.01	-0.01	0.00	0.00	0.00
		2.2	150	-0.01	0.06	-0.01	0.00	0.00	0.00
			149	0.02	0.07	-0.03	0.00	0.00	0.00
			31	0.01	0.03	-0.02	0.00	0.00	0.00
			3	-0.03	-0.02	0.01	0.00	0.00	0.00
		2.3	2	-0.02	-0.04	-0.02	0.00	0.00	0.00
			146	0.00	-0.04	0.01	0.00	0.00	0.00
			144	0.01	0.02	0.01	0.00	0.00	0.00
			28	0.00	0.02	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
		2.4	138	-0.02	0.00	-0.01	0.00	0.00	0.00
			140	0.00	0.01	-0.03	0.00	0.00	0.00
			145	-0.04	-0.09	-0.02	0.00	0.00	0.00
			1	-0.05	-0.08	0.00	0.00	0.00	0.00
		2.5	149	-0.01	-0.03	0.02	0.00	0.00	0.00
			148	0.03	-0.01	-0.13	0.00	0.00	0.00
			141	-0.03	-0.18	-0.10	0.00	0.00	0.00
			4	-0.03	-0.08	0.06	0.00	0.00	0.00
		2.6	28	0.01	0.02	0.00	0.00	0.00	0.00
			143	0.00	-0.01	0.03	0.00	0.00	0.00
			138	-0.05	-0.02	0.03	0.00	0.00	0.00
			1	-0.03	0.01	0.01	0.00	0.00	0.00
		2.7	3	-0.01	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.02	0.00	0.00	0.00	0.00
			1	0.00	0.02	0.00	0.00	0.00	0.00
		2.8	142	0.00	-0.15	0.06	0.00	0.00	0.00
			151	0.04	-0.02	0.08	0.00	0.00	0.00
			150	-0.04	-0.05	0.01	0.00	0.00	0.00
			3	-0.06	-0.08	0.00	0.00	0.00	0.00
		2.9	2	-0.01	-0.05	0.00	0.00	0.00	0.00
			4	-0.03	-0.12	0.01	0.00	0.00	0.00
			141	-0.04	-0.11	0.03	0.00	0.00	0.00
			146	-0.02	-0.05	0.02	0.00	0.00	0.00
		2.10	1	-0.04	-0.09	-0.01	0.00	0.00	0.00
			145	-0.01	-0.07	0.01	0.00	0.00	0.00
			147	0.01	-0.02	0.02	0.00	0.00	0.00
			3	-0.02	-0.04	0.00	0.00	0.00	0.00
		2.11	4	0.01	0.02	-0.01	0.00	0.00	0.00
			2	0.00	-0.01	0.00	0.00	0.00	0.00
			28	0.00	0.02	0.00	0.00	0.00	0.00
			31	0.01	0.05	0.00	0.00	0.00	0.00
		2.12	149	0.01	0.02	-0.01	0.00	0.00	0.00
			4	0.01	0.02	-0.01	0.00	0.00	0.00
			31	0.01	0.02	-0.01	0.00	0.00	0.00
		2.13	147	-0.03	-0.06	-0.01	0.00	0.00	0.00
			142	-0.03	-0.06	-0.01	0.00	0.00	0.00
			3	-0.03	-0.06	-0.01	0.00	0.00	0.00
Min (elemento, nodo)				**-0.06 (1, 8)**	**-0.18 (1, 123)**	**-0.13 (2, 148)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.04 (1, 131)**	**0.07 (1, 129)**	**0.13 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
4	1	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.01	0.00	0.00	0.00	0.00
			136	0.00	0.01	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	2	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.01	0.00	0.00	0.00	0.00
			138	0.00	0.01	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	*Nr.*	*Mesh*	*N° Nodo*	*Mxx (kN*m)*	*Myy (kN*m)*	*Mxy (kN*m)*	*Mxz (kN*m)*	*Myz (kN*m)*	*Mzz (kN*m)*
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.00 (1, 128)**	**0.01 (1, 125)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
7	1	1.1	128	-0.20	-0.74	-0.57	0.00	0.00	0.00
			129	0.13	-0.62	-0.10	0.00	0.00	0.00
			7	0.25	-0.43	0.02	0.00	0.00	0.00
			123	0.00	-0.21	-0.46	0.00	0.00	0.00
		1.2	21	-0.08	-0.52	0.05	0.00	0.00	0.00
			129	-0.28	-1.15	-0.03	0.00	0.00	0.00
			130	-0.08	-1.06	0.20	0.00	0.00	0.00
			8	0.20	-0.01	0.27	0.00	0.00	0.00
		1.3	21	-0.17	-0.56	-0.02	0.00	0.00	0.00
			24	-0.05	-0.16	-0.03	0.00	0.00	0.00
			9	0.04	0.13	-0.10	0.00	0.00	0.00
			7	-0.05	-0.18	-0.13	0.00	0.00	0.00
		1.4	8	0.20	-0.44	0.10	0.00	0.00	0.00
			130	0.14	-0.60	0.14	0.00	0.00	0.00
			131	-0.25	-0.72	0.46	0.00	0.00	0.00
			124	-0.08	-0.18	0.36	0.00	0.00	0.00
		1.5	24	-0.05	-0.02	0.02	0.00	0.00	0.00
			136	-0.05	-0.01	-0.01	0.00	0.00	0.00
			126	0.04	0.02	-0.01	0.00	0.00	0.00
			134	0.04	0.01	0.01	0.00	0.00	0.00
		1.6	125	-0.05	0.01	0.00	0.00	0.00	0.00
			136	-0.05	0.01	0.00	0.00	0.00	0.00
			24	-0.04	0.04	0.01	0.00	0.00	0.00
			10	-0.04	0.03	0.00	0.00	0.00	0.00
		1.7	10	-0.04	0.09	0.07	0.00	0.00	0.00
			24	0.01	0.06	0.00	0.00	0.00	0.00
			21	-0.14	-0.43	0.06	0.00	0.00	0.00
			8	-0.15	-0.26	0.12	0.00	0.00	0.00
		1.8	135	0.06	0.03	-0.03	0.00	0.00	0.00
			127	0.06	0.02	0.02	0.00	0.00	0.00
			125	-0.05	-0.01	0.02	0.00	0.00	0.00
			10	-0.07	-0.01	-0.02	0.00	0.00	0.00
		1.9	9	0.07	0.02	-0.04	0.00	0.00	0.00
			132	0.02	0.05	-0.22	0.00	0.00	0.00
			123	-0.10	-0.36	-0.24	0.00	0.00	0.00
			7	-0.08	-0.45	-0.11	0.00	0.00	0.00
		1.10	8	-0.05	0.02	0.01	0.00	0.00	0.00
			133	0.03	0.07	-0.02	0.00	0.00	0.00
			135	0.01	-0.02	0.02	0.00	0.00	0.00
			10	-0.08	-0.06	0.05	0.00	0.00	0.00
		1.11	9	-0.17	-0.04	0.01	0.00	0.00	0.00
			24	-0.06	-0.02	-0.04	0.00	0.00	0.00
			134	0.04	0.01	-0.04	0.00	0.00	0.00
			132	0.05	0.03	0.02	0.00	0.00	0.00
		1.12	133	-0.05	-0.33	0.23	0.00	0.00	0.00
			8	-0.05	-0.33	0.23	0.00	0.00	0.00
			124	-0.05	-0.33	0.23	0.00	0.00	0.00
		1.13	129	-0.06	-0.46	-0.09	0.00	0.00	0.00
			21	-0.06	-0.46	-0.09	0.00	0.00	0.00
			7	-0.06	-0.46	-0.09	0.00	0.00	0.00
	2	2.1	139	0.05	0.03	-0.01	0.00	0.00	0.00
			143	-0.07	-0.01	-0.02	0.00	0.00	0.00
			28	-0.07	-0.02	-0.05	0.00	0.00	0.00
			144	0.05	0.02	-0.04	0.00	0.00	0.00
		2.2	150	-0.12	-1.07	-0.13	0.00	0.00	0.00
			149	-0.39	-1.19	0.12	0.00	0.00	0.00
			31	-0.18	-0.50	0.02	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			3	0.18	0.07	-0.23	0.00	0.00	0.00
		2.3	2	-0.22	-0.04	-0.06	0.00	0.00	0.00
			146	0.08	0.05	-0.07	0.00	0.00	0.00
			144	0.07	0.03	0.00	0.00	0.00	0.00
			28	-0.07	-0.02	0.01	0.00	0.00	0.00
		2.4	138	-0.05	-0.01	0.01	0.00	0.00	0.00
			140	0.06	0.03	0.01	0.00	0.00	0.00
			145	0.07	0.04	0.07	0.00	0.00	0.00
			1	-0.07	0.00	0.06	0.00	0.00	0.00
		2.5	149	0.09	-0.64	0.03	0.00	0.00	0.00
			148	-0.15	-0.73	0.52	0.00	0.00	0.00
			141	0.04	-0.19	0.41	0.00	0.00	0.00
			4	0.19	-0.45	-0.09	0.00	0.00	0.00
		2.6	28	-0.05	0.06	0.03	0.00	0.00	0.00
			143	-0.06	0.00	0.02	0.00	0.00	0.00
			138	-0.05	0.01	0.03	0.00	0.00	0.00
			1	-0.04	0.06	0.03	0.00	0.00	0.00
		2.7	3	-0.17	-0.23	-0.07	0.00	0.00	0.00
			31	-0.17	-0.40	0.00	0.00	0.00	0.00
			28	-0.03	0.07	0.04	0.00	0.00	0.00
			1	-0.07	0.10	-0.03	0.00	0.00	0.00
		2.8	142	0.00	-0.13	-0.32	0.00	0.00	0.00
			151	-0.18	-0.70	-0.40	0.00	0.00	0.00
			150	0.10	-0.61	-0.06	0.00	0.00	0.00
			3	0.16	-0.44	-0.03	0.00	0.00	0.00
		2.9	2	0.03	0.02	-0.02	0.00	0.00	0.00
			4	-0.10	-0.47	0.02	0.00	0.00	0.00
			141	-0.04	-0.35	0.17	0.00	0.00	0.00
			146	0.09	0.08	0.18	0.00	0.00	0.00
		2.10	1	-0.11	-0.06	-0.01	0.00	0.00	0.00
			145	0.05	0.00	0.02	0.00	0.00	0.00
			147	0.07	0.08	0.10	0.00	0.00	0.00
			3	-0.07	0.01	0.06	0.00	0.00	0.00
		2.11	4	-0.09	-0.15	0.08	0.00	0.00	0.00
			2	-0.01	0.14	0.05	0.00	0.00	0.00
			28	-0.09	-0.13	-0.02	0.00	0.00	0.00
			31	-0.21	-0.51	-0.02	0.00	0.00	0.00
		2.12	149	-0.15	-0.44	0.02	0.00	0.00	0.00
			4	-0.15	-0.44	0.02	0.00	0.00	0.00
			31	-0.15	-0.44	0.02	0.00	0.00	0.00
		2.13	147	0.00	-0.32	-0.15	0.00	0.00	0.00
			142	0.00	-0.32	-0.15	0.00	0.00	0.00
			3	0.00	-0.32	-0.15	0.00	0.00	0.00
Min (elemento, nodo)				**-0.39 (2, 149)**	**-1.19 (2, 149)**	**-0.57 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.25 (1, 7)**	**0.14 (2, 2)**	**0.52 (2, 148)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
9	1	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	2	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
11	1	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	2	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
13	1	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	2	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
5 (CQC)	1	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	2	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
6 (CQC)	1	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	2	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per caso di carico (sistema di coordinate locale)									
Caso di carico	***Nr.***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
Min (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**
Max (elemento, nodo)				**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**	**0.00 (1, 128)**

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
1	1	1.1	128	0.00	0.00	0.01	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	-0.01	-0.01	0.00	0.00	0.00
			123	0.00	-0.02	0.01	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.01	0.00	0.00	0.00	0.00
			130	0.00	0.01	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	-0.01	-0.01	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	-0.01	0.00	0.00	0.00
			124	0.00	-0.01	-0.01	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	-0.01	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	-0.01	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	-0.01	-0.01	0.00	0.00	0.00	0.00
		1.9	9	0.00	-0.01	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	-0.01	0.00	0.00	0.00	0.00
			7	0.00	-0.01	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	-0.01	0.00	0.00	0.00	0.00
			10	0.00	-0.01	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	-0.01	0.00	0.00	0.00	0.00
			8	0.00	-0.01	0.00	0.00	0.00	0.00
			124	0.00	-0.01	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	2	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	3	1.1	128	0.03	-0.01	0.13	0.00	0.00	0.00
			129	-0.01	-0.03	-0.02	0.00	0.00	0.00
			7	-0.03	-0.08	-0.06	0.00	0.00	0.00
			123	-0.03	-0.18	0.10	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
		1.2	21	0.01	0.02	0.02	0.00	0.00	0.00
			129	0.03	0.07	0.03	0.00	0.00	0.00
			130	-0.01	0.06	0.01	0.00	0.00	0.00
			8	-0.03	-0.02	0.00	0.00	0.00	0.00
		1.3	21	0.01	0.05	0.00	0.00	0.00	0.00
			24	0.00	0.02	0.00	0.00	0.00	0.00
			9	0.00	-0.01	0.00	0.00	0.00	0.00
			7	0.01	0.02	0.01	0.00	0.00	0.00
		1.4	8	-0.06	-0.08	0.00	0.00	0.00	0.00
			130	-0.04	-0.05	-0.01	0.00	0.00	0.00
			131	0.04	-0.02	-0.08	0.00	0.00	0.00
			124	0.00	-0.15	-0.06	0.00	0.00	0.00
		1.5	24	0.00	0.01	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	-0.01	0.00	0.01	0.00	0.00	0.00
			134	0.00	0.01	0.01	0.00	0.00	0.00
		1.6	125	-0.05	-0.02	-0.03	0.00	0.00	0.00
			136	0.00	-0.01	-0.03	0.00	0.00	0.00
			24	0.01	0.02	0.00	0.00	0.00	0.00
			10	-0.03	0.01	-0.01	0.00	0.00	0.00
		1.7	10	0.00	0.02	0.00	0.00	0.00	0.00
			24	0.00	0.02	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.01	0.00	0.00	0.00
			8	-0.01	0.00	0.01	0.00	0.00	0.00
		1.8	135	-0.04	-0.09	0.02	0.00	0.00	0.00
			127	-0.01	0.01	0.03	0.00	0.00	0.00
			125	-0.02	0.00	0.01	0.00	0.00	0.00
			10	-0.05	-0.08	0.00	0.00	0.00	0.00
		1.9	9	-0.01	-0.05	0.00	0.00	0.00	0.00
			132	-0.02	-0.05	-0.02	0.00	0.00	0.00
			123	-0.04	-0.11	-0.03	0.00	0.00	0.00
			7	-0.03	-0.12	-0.01	0.00	0.00	0.00
		1.10	8	-0.02	-0.04	0.00	0.00	0.00	0.00
			133	0.00	-0.02	-0.02	0.00	0.00	0.00
			135	-0.01	-0.07	0.00	0.00	0.00	0.00
			10	-0.04	-0.09	0.01	0.00	0.00	0.00
		1.11	9	-0.02	-0.04	0.02	0.00	0.00	0.00
			24	0.01	0.02	0.00	0.00	0.00	0.00
			134	0.01	0.02	-0.01	0.00	0.00	0.00
			132	0.00	-0.04	-0.01	0.00	0.00	0.00
		1.12	133	-0.03	-0.06	0.01	0.00	0.00	0.00
			8	-0.03	-0.06	0.01	0.00	0.00	0.00
			124	-0.03	-0.06	0.01	0.00	0.00	0.00
		1.13	129	0.01	0.02	0.01	0.00	0.00	0.00
			21	0.01	0.02	0.01	0.00	0.00	0.00
			7	0.01	0.02	0.01	0.00	0.00	0.00
	4	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.01	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			136	0.00	0.01	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	7	1.1	128	-0.20	-0.74	-0.57	0.00	0.00	0.00
			129	0.13	-0.62	-0.10	0.00	0.00	0.00
			7	0.25	-0.43	0.02	0.00	0.00	0.00
			123	0.00	-0.21	-0.46	0.00	0.00	0.00
		1.2	21	-0.08	-0.52	0.05	0.00	0.00	0.00
			129	-0.28	-1.15	-0.03	0.00	0.00	0.00
			130	-0.08	-1.06	0.20	0.00	0.00	0.00
			8	0.20	-0.01	0.27	0.00	0.00	0.00
		1.3	21	-0.17	-0.56	-0.02	0.00	0.00	0.00
			24	-0.05	-0.16	-0.03	0.00	0.00	0.00
			9	0.04	0.13	-0.10	0.00	0.00	0.00
			7	-0.05	-0.18	-0.13	0.00	0.00	0.00
		1.4	8	0.20	-0.44	0.10	0.00	0.00	0.00
			130	0.14	-0.60	0.14	0.00	0.00	0.00
			131	-0.25	-0.72	0.46	0.00	0.00	0.00
			124	-0.08	-0.18	0.36	0.00	0.00	0.00
		1.5	24	-0.05	-0.02	0.02	0.00	0.00	0.00
			136	-0.05	-0.01	-0.01	0.00	0.00	0.00
			126	0.04	0.02	-0.01	0.00	0.00	0.00
			134	0.04	0.01	0.01	0.00	0.00	0.00
		1.6	125	-0.05	0.01	0.00	0.00	0.00	0.00
			136	-0.05	0.01	0.00	0.00	0.00	0.00
			24	-0.04	0.04	0.01	0.00	0.00	0.00
			10	-0.04	0.03	0.00	0.00	0.00	0.00
		1.7	10	-0.04	0.09	0.07	0.00	0.00	0.00
			24	0.01	0.06	0.00	0.00	0.00	0.00
			21	-0.14	-0.43	0.06	0.00	0.00	0.00
			8	-0.15	-0.26	0.12	0.00	0.00	0.00
		1.8	135	0.06	0.03	-0.03	0.00	0.00	0.00
			127	0.06	0.02	0.02	0.00	0.00	0.00
			125	-0.05	-0.01	0.02	0.00	0.00	0.00
			10	-0.07	-0.01	-0.02	0.00	0.00	0.00
		1.9	9	0.07	0.02	-0.04	0.00	0.00	0.00
			132	0.02	0.05	-0.22	0.00	0.00	0.00
			123	-0.10	-0.36	-0.24	0.00	0.00	0.00
			7	-0.08	-0.45	-0.11	0.00	0.00	0.00
		1.10	8	-0.05	0.02	0.01	0.00	0.00	0.00
			133	0.03	0.07	-0.02	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			135	0.01	-0.02	0.02	0.00	0.00	0.00
			10	-0.08	-0.06	0.05	0.00	0.00	0.00
		1.11	9	-0.17	-0.04	0.01	0.00	0.00	0.00
			24	-0.06	-0.02	-0.04	0.00	0.00	0.00
			134	0.04	0.01	-0.04	0.00	0.00	0.00
			132	0.05	0.03	0.02	0.00	0.00	0.00
		1.12	133	-0.05	-0.33	0.23	0.00	0.00	0.00
			8	-0.05	-0.33	0.23	0.00	0.00	0.00
			124	-0.05	-0.33	0.23	0.00	0.00	0.00
		1.13	129	-0.06	-0.46	-0.09	0.00	0.00	0.00
			21	-0.06	-0.46	-0.09	0.00	0.00	0.00
			7	-0.06	-0.46	-0.09	0.00	0.00	0.00
	9	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	11	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	13	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	5 (CQC)	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
	6 (CQC)	1.1	128	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
		1.2	21	0.00	0.00	0.00	0.00	0.00	0.00
			129	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.3	21	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			9	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.4	8	0.00	0.00	0.00	0.00	0.00	0.00
			130	0.00	0.00	0.00	0.00	0.00	0.00
			131	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.5	24	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			126	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
		1.6	125	0.00	0.00	0.00	0.00	0.00	0.00
			136	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.7	10	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
		1.8	135	0.00	0.00	0.00	0.00	0.00	0.00
			127	0.00	0.00	0.00	0.00	0.00	0.00
			125	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.9	9	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
			123	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
		1.10	8	0.00	0.00	0.00	0.00	0.00	0.00
			133	0.00	0.00	0.00	0.00	0.00	0.00
			135	0.00	0.00	0.00	0.00	0.00	0.00
			10	0.00	0.00	0.00	0.00	0.00	0.00
		1.11	9	0.00	0.00	0.00	0.00	0.00	0.00
			24	0.00	0.00	0.00	0.00	0.00	0.00
			134	0.00	0.00	0.00	0.00	0.00	0.00
			132	0.00	0.00	0.00	0.00	0.00	0.00
		1.12	133	0.00	0.00	0.00	0.00	0.00	0.00
			8	0.00	0.00	0.00	0.00	0.00	0.00
			124	0.00	0.00	0.00	0.00	0.00	0.00
		1.13	129	0.00	0.00	0.00	0.00	0.00	0.00
			21	0.00	0.00	0.00	0.00	0.00	0.00
			7	0.00	0.00	0.00	0.00	0.00	0.00
2	1	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.01	0.00	0.00	0.00	0.00
			149	0.00	0.01	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	-0.01	0.00	0.00	0.00	0.00
			1	-0.01	-0.01	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	-0.01	0.00	0.00	0.00
			141	0.00	-0.02	-0.01	0.00	0.00	0.00
			4	0.00	-0.01	0.01	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	-0.01	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	-0.01	0.01	0.00	0.00	0.00
			151	0.00	0.00	0.01	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	-0.01	-0.01	0.00	0.00	0.00	0.00
		2.9	2	0.00	-0.01	0.00	0.00	0.00	0.00
			4	0.00	-0.01	0.00	0.00	0.00	0.00
			141	0.00	-0.01	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	-0.01	0.00	0.00	0.00	0.00
			145	0.00	-0.01	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	-0.01	0.00	0.00	0.00	0.00
			142	0.00	-0.01	0.00	0.00	0.00	0.00
			3	0.00	-0.01	0.00	0.00	0.00	0.00
	2	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
	3	2.1	139	-0.01	0.00	-0.01	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.01	0.00	0.00	0.00	0.00
			144	0.00	0.01	-0.01	0.00	0.00	0.00
		2.2	150	-0.01	0.06	-0.01	0.00	0.00	0.00
			149	0.02	0.07	-0.03	0.00	0.00	0.00
			31	0.01	0.03	-0.02	0.00	0.00	0.00
			3	-0.03	-0.02	0.01	0.00	0.00	0.00
		2.3	2	-0.02	-0.04	-0.02	0.00	0.00	0.00
			146	0.00	-0.04	0.01	0.00	0.00	0.00
			144	0.01	0.02	0.01	0.00	0.00	0.00
			28	0.00	0.02	0.00	0.00	0.00	0.00
		2.4	138	-0.02	0.00	-0.01	0.00	0.00	0.00
			140	0.00	0.01	-0.03	0.00	0.00	0.00
			145	-0.04	-0.09	-0.02	0.00	0.00	0.00
			1	-0.05	-0.08	0.00	0.00	0.00	0.00
		2.5	149	-0.01	-0.03	0.02	0.00	0.00	0.00
			148	0.03	-0.01	-0.13	0.00	0.00	0.00
			141	-0.03	-0.18	-0.10	0.00	0.00	0.00
			4	-0.03	-0.08	0.06	0.00	0.00	0.00
		2.6	28	0.01	0.02	0.00	0.00	0.00	0.00
			143	0.00	-0.01	0.03	0.00	0.00	0.00
			138	-0.05	-0.02	0.03	0.00	0.00	0.00
			1	-0.03	0.01	0.01	0.00	0.00	0.00
		2.7	3	-0.01	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.02	0.00	0.00	0.00	0.00
			1	0.00	0.02	0.00	0.00	0.00	0.00
		2.8	142	0.00	-0.15	0.06	0.00	0.00	0.00
			151	0.04	-0.02	0.08	0.00	0.00	0.00
			150	-0.04	-0.05	0.01	0.00	0.00	0.00
			3	-0.06	-0.08	0.00	0.00	0.00	0.00
		2.9	2	-0.01	-0.05	0.00	0.00	0.00	0.00
			4	-0.03	-0.12	0.01	0.00	0.00	0.00
			141	-0.04	-0.11	0.03	0.00	0.00	0.00
			146	-0.02	-0.05	0.02	0.00	0.00	0.00
		2.10	1	-0.04	-0.09	-0.01	0.00	0.00	0.00
			145	-0.01	-0.07	0.01	0.00	0.00	0.00
			147	0.01	-0.02	0.02	0.00	0.00	0.00
			3	-0.02	-0.04	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
		2.11	4	0.01	0.02	-0.01	0.00	0.00	0.00
			2	0.00	-0.01	0.00	0.00	0.00	0.00
			28	0.00	0.02	0.00	0.00	0.00	0.00
			31	0.01	0.05	0.00	0.00	0.00	0.00
		2.12	149	0.01	0.02	-0.01	0.00	0.00	0.00
			4	0.01	0.02	-0.01	0.00	0.00	0.00
			31	0.01	0.02	-0.01	0.00	0.00	0.00
		2.13	147	-0.03	-0.06	-0.01	0.00	0.00	0.00
			142	-0.03	-0.06	-0.01	0.00	0.00	0.00
			3	-0.03	-0.06	-0.01	0.00	0.00	0.00
	4	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.01	0.00	0.00	0.00	0.00
			138	0.00	0.01	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
	7	2.1	139	0.05	0.03	-0.01	0.00	0.00	0.00
			143	-0.07	-0.01	-0.02	0.00	0.00	0.00
			28	-0.07	-0.02	-0.05	0.00	0.00	0.00
			144	0.05	0.02	-0.04	0.00	0.00	0.00
		2.2	150	-0.12	-1.07	-0.13	0.00	0.00	0.00
			149	-0.39	-1.19	0.12	0.00	0.00	0.00
			31	-0.18	-0.50	0.02	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			3	0.18	0.07	-0.23	0.00	0.00	0.00
		2.3	2	-0.22	-0.04	-0.06	0.00	0.00	0.00
			146	0.08	0.05	-0.07	0.00	0.00	0.00
			144	0.07	0.03	0.00	0.00	0.00	0.00
			28	-0.07	-0.02	0.01	0.00	0.00	0.00
		2.4	138	-0.05	-0.01	0.01	0.00	0.00	0.00
			140	0.06	0.03	0.01	0.00	0.00	0.00
			145	0.07	0.04	0.07	0.00	0.00	0.00
			1	-0.07	0.00	0.06	0.00	0.00	0.00
		2.5	149	0.09	-0.64	0.03	0.00	0.00	0.00
			148	-0.15	-0.73	0.52	0.00	0.00	0.00
			141	0.04	-0.19	0.41	0.00	0.00	0.00
			4	0.19	-0.45	-0.09	0.00	0.00	0.00
		2.6	28	-0.05	0.06	0.03	0.00	0.00	0.00
			143	-0.06	0.00	0.02	0.00	0.00	0.00
			138	-0.05	0.01	0.03	0.00	0.00	0.00
			1	-0.04	0.06	0.03	0.00	0.00	0.00
		2.7	3	-0.17	-0.23	-0.07	0.00	0.00	0.00
			31	-0.17	-0.40	0.00	0.00	0.00	0.00
			28	-0.03	0.07	0.04	0.00	0.00	0.00
			1	-0.07	0.10	-0.03	0.00	0.00	0.00
		2.8	142	0.00	-0.13	-0.32	0.00	0.00	0.00
			151	-0.18	-0.70	-0.40	0.00	0.00	0.00
			150	0.10	-0.61	-0.06	0.00	0.00	0.00
			3	0.16	-0.44	-0.03	0.00	0.00	0.00
		2.9	2	0.03	0.02	-0.02	0.00	0.00	0.00
			4	-0.10	-0.47	0.02	0.00	0.00	0.00
			141	-0.04	-0.35	0.17	0.00	0.00	0.00
			146	0.09	0.08	0.18	0.00	0.00	0.00
		2.10	1	-0.11	-0.06	-0.01	0.00	0.00	0.00
			145	0.05	0.00	0.02	0.00	0.00	0.00
			147	0.07	0.08	0.10	0.00	0.00	0.00
			3	-0.07	0.01	0.06	0.00	0.00	0.00
		2.11	4	-0.09	-0.15	0.08	0.00	0.00	0.00
			2	-0.01	0.14	0.05	0.00	0.00	0.00
			28	-0.09	-0.13	-0.02	0.00	0.00	0.00
			31	-0.21	-0.51	-0.02	0.00	0.00	0.00
		2.12	149	-0.15	-0.44	0.02	0.00	0.00	0.00
			4	-0.15	-0.44	0.02	0.00	0.00	0.00
			31	-0.15	-0.44	0.02	0.00	0.00	0.00
		2.13	147	0.00	-0.32	-0.15	0.00	0.00	0.00
			142	0.00	-0.32	-0.15	0.00	0.00	0.00
			3	0.00	-0.32	-0.15	0.00	0.00	0.00
	9	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
	11	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
	13	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
	5 (CQC)	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
	6 (CQC)	2.1	139	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
		2.2	150	0.00	0.00	0.00	0.00	0.00	0.00
			149	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.3	2	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
			144	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
		2.4	138	0.00	0.00	0.00	0.00	0.00	0.00
			140	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.5	149	0.00	0.00	0.00	0.00	0.00	0.00
			148	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
		2.6	28	0.00	0.00	0.00	0.00	0.00	0.00
			143	0.00	0.00	0.00	0.00	0.00	0.00
			138	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.7	3	0.00	0.00	0.00	0.00	0.00	0.00

Momenti elementi superficiali per elemento (sistema di coordinate locale)									
Nr.	***Caso di carico***	***Mesh***	***N° Nodo***	***Mxx (kN*m)***	***Myy (kN*m)***	***Mxy (kN*m)***	***Mxz (kN*m)***	***Myz (kN*m)***	***Mzz (kN*m)***
			31	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			1	0.00	0.00	0.00	0.00	0.00	0.00
		2.8	142	0.00	0.00	0.00	0.00	0.00	0.00
			151	0.00	0.00	0.00	0.00	0.00	0.00
			150	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.9	2	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			141	0.00	0.00	0.00	0.00	0.00	0.00
			146	0.00	0.00	0.00	0.00	0.00	0.00
		2.10	1	0.00	0.00	0.00	0.00	0.00	0.00
			145	0.00	0.00	0.00	0.00	0.00	0.00
			147	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00
		2.11	4	0.00	0.00	0.00	0.00	0.00	0.00
			2	0.00	0.00	0.00	0.00	0.00	0.00
			28	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.12	149	0.00	0.00	0.00	0.00	0.00	0.00
			4	0.00	0.00	0.00	0.00	0.00	0.00
			31	0.00	0.00	0.00	0.00	0.00	0.00
		2.13	147	0.00	0.00	0.00	0.00	0.00	0.00
			142	0.00	0.00	0.00	0.00	0.00	0.00
			3	0.00	0.00	0.00	0.00	0.00	0.00

Vincolo

Vincoli puntuali

Reazioni vincoli puntuali per caso di carico (sistema di coordinate globali)							
Caso di carico	***Nr.***	***FX(kN)***	***FY(kN)***	***FZ(kN)***	***MX(kN*m)***	***MY(kN*m)***	***MZ(kN*m)***
1	1(R)	-0.48	-0.03	-1.97	0.00	0.00	0.00
	2(R)	0.22	0.12	-1.11	0.00	0.00	0.00
	3(R)	0.27	-0.09	-1.97	0.00	0.00	0.00
	4(R)	-0.47	0.00	-1.97	0.00	0.00	0.00
	5(R)	0.21	0.00	-1.11	0.00	0.00	0.00
	6(R)	0.24	0.00	-1.97	0.00	0.00	0.00
Min (n° elementi)		**-0.48 (1(R))**	**-0.09 (3(R))**	**-1.97 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**0.27 (3(R))**	**0.12 (2(R))**	**-1.11 (2(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
2	1(R)	-0.01	-0.01	-0.32	0.00	0.00	0.00
	2(R)	0.00	0.02	-0.04	0.00	0.00	0.00
	3(R)	0.01	-0.01	-0.32	0.00	0.00	0.00
	4(R)	-0.01	0.00	-0.32	0.00	0.00	0.00
	5(R)	0.00	0.00	-0.04	0.00	0.00	0.00
	6(R)	0.01	0.00	-0.32	0.00	0.00	0.00
Min (n° elementi)		**-0.01 (1(R))**	**-0.01 (1(R))**	**-0.32 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**0.01 (3(R))**	**0.02 (2(R))**	**-0.04 (2(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
3	1(R)	-4.76	-0.01	-2.70	0.00	0.00	0.00
	2(R)	2.30	0.72	-3.00	0.00	0.00	0.00
	3(R)	2.62	-0.71	-2.70	0.00	0.00	0.00
	4(R)	-4.73	0.00	-2.70	0.00	0.00	0.00
	5(R)	2.16	0.00	-3.00	0.00	0.00	0.00
	6(R)	2.40	0.00	-2.70	0.00	0.00	0.00
Min (n° elementi)		**-4.76 (1(R))**	**-0.71 (3(R))**	**-3.00 (2(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**2.62 (3(R))**	**0.72 (2(R))**	**-2.70 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
4	1(R)	-0.36	-0.16	-0.45	0.00	0.00	0.00
	2(R)	0.01	0.33	0.90	0.00	0.00	0.00
	3(R)	0.35	-0.17	-0.45	0.00	0.00	0.00
	4(R)	-0.30	0.00	-0.45	0.00	0.00	0.00
	5(R)	0.01	0.00	0.89	0.00	0.00	0.00
	6(R)	0.29	0.00	-0.45	0.00	0.00	0.00
Min (n° elementi)		**-0.36 (1(R))**	**-0.17 (3(R))**	**-0.45 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**0.35 (3(R))**	**0.33 (2(R))**	**0.90 (2(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
7	1(R)	-327.48	-29.57	-0.63	0.00	0.00	0.00
	2(R)	-10.22	61.60	1.26	0.00	0.00	0.00

Reazioni vincoli puntuali per caso di carico (sistema di coordinate globali)							
Caso di carico	***Nr.***	***FX(kN)***	***FY(kN)***	***FZ(kN)***	***MX(kN*m)***	***MY(kN*m)***	***MZ(kN*m)***
	3(R)	338.27	-32.02	-0.63	0.00	0.00	0.00
	4(R)	-317.23	0.00	-0.52	0.00	0.00	0.00
	5(R)	-10.57	0.00	1.02	0.00	0.00	0.00
	6(R)	327.23	0.00	-0.51	0.00	0.00	0.00
Min (n° elementi)		**-327.48 (1(R))**	**-32.02 (3(R))**	**-0.63 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**338.27 (3(R))**	**61.60 (2(R))**	**1.26 (2(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
9	1(R)	-0.01	-0.01	-0.27	0.00	0.00	0.00
	2(R)	0.00	0.01	-0.03	0.00	0.00	0.00
	3(R)	0.01	0.00	-0.21	0.00	0.00	0.00
	4(R)	-0.01	0.00	-0.27	0.00	0.00	0.00
	5(R)	0.00	0.00	-0.03	0.00	0.00	0.00
	6(R)	0.01	0.00	-0.21	0.00	0.00	0.00
Min (n° elementi)		**-0.01 (1(R))**	**-0.01 (1(R))**	**-0.27 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**0.01 (3(R))**	**0.01 (2(R))**	**-0.03 (2(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
11	1(R)	0.20	0.22	0.78	0.00	0.00	0.00
	2(R)	0.19	0.00	-0.02	0.00	0.00	0.00
	3(R)	0.19	-0.21	-0.78	0.00	0.00	0.00
	4(R)	0.15	0.00	0.78	0.00	0.00	0.00
	5(R)	0.10	0.00	-0.02	0.00	0.00	0.00
	6(R)	0.13	0.00	-0.78	0.00	0.00	0.00
Min (n° elementi)		**0.10 (5(R))**	**-0.21 (3(R))**	**-0.78 (3(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**0.20 (1(R))**	**0.22 (1(R))**	**0.78 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
13	1(R)	-0.19	-0.22	-0.78	0.00	0.00	0.00
	2(R)	-0.19	0.00	-0.01	0.00	0.00	0.00
	3(R)	-0.20	0.22	0.78	0.00	0.00	0.00
	4(R)	-0.14	0.00	-0.78	0.00	0.00	0.00
	5(R)	-0.10	0.00	-0.01	0.00	0.00	0.00
	6(R)	-0.14	0.00	0.78	0.00	0.00	0.00
Min (n° elementi)		**-0.20 (3(R))**	**-0.22 (1(R))**	**-0.78 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**-0.10 (5(R))**	**0.22 (3(R))**	**0.78 (3(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
5 (CQC)	1(R)	0.43	0.47	1.66	0.00	0.00	0.00
	2(R)	0.43	0.00	0.00	0.00	0.00	0.00
	3(R)	0.42	0.46	1.66	0.00	0.00	0.00
	4(R)	0.30	0.00	1.65	0.00	0.00	0.00
	5(R)	0.25	0.00	0.00	0.00	0.00	0.00
	6(R)	0.29	0.00	1.65	0.00	0.00	0.00
Min (n° elementi)		**0.25 (5(R))**	**0.00 (2(R))**	**0.00 (2(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**0.43 (1(R))**	**0.47 (1(R))**	**1.66 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
6 (CQC)	1(R)	0.03	0.59	0.55	0.00	0.00	0.00
	2(R)	0.02	0.49	0.01	0.00	0.00	0.00
	3(R)	0.04	0.59	0.55	0.00	0.00	0.00
	4(R)	0.04	0.00	0.55	0.00	0.00	0.00
	5(R)	0.01	0.00	0.00	0.00	0.00	0.00
	6(R)	0.05	0.00	0.55	0.00	0.00	0.00
Min (n° elementi)		**0.01 (5(R))**	**0.00 (4(R))**	**0.00 (5(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**
Max (n° elementi)		**0.05 (6(R))**	**0.59 (1(R))**	**0.55 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**	**0.00 (1(R))**

Reazioni vincoli puntuali per elemento (sistema di coordinate globali)							
Nr.	***Caso di carico***	***FX(kN)***	***FY(kN)***	***FZ(kN)***	***MX(kN*m)***	***MY(kN*m)***	***MZ(kN*m)***
1(R)	1	-0.48	-0.03	-1.97	0.00	0.00	0.00
	2	-0.01	-0.01	-0.32	0.00	0.00	0.00
	3	-4.76	-0.01	-2.70	0.00	0.00	0.00
	4	-0.36	-0.16	-0.45	0.00	0.00	0.00
	7	-327.48	-29.57	-0.63	0.00	0.00	0.00
	9	-0.01	-0.01	-0.27	0.00	0.00	0.00
	11	0.20	0.22	0.78	0.00	0.00	0.00
	13	-0.19	-0.22	-0.78	0.00	0.00	0.00
	5 (CQC)	0.43	0.47	1.66	0.00	0.00	0.00
	6 (CQC)	0.03	0.59	0.55	0.00	0.00	0.00
2(R)	1	0.22	0.12	-1.11	0.00	0.00	0.00
	2	0.00	0.02	-0.04	0.00	0.00	0.00
	3	2.30	0.72	-3.00	0.00	0.00	0.00
	4	0.01	0.33	0.90	0.00	0.00	0.00
	7	-10.22	61.60	1.26	0.00	0.00	0.00
	9	0.00	0.01	-0.03	0.00	0.00	0.00
	11	0.19	0.00	-0.02	0.00	0.00	0.00

Reazioni vincoli puntuali per elemento (sistema di coordinate globali)							
Nr.	***Caso di carico***	***FX(kN)***	***FY(kN)***	***FZ(kN)***	***MX(kN*m)***	***MY(kN*m)***	***MZ(kN*m)***
	13	-0.19	0.00	-0.01	0.00	0.00	0.00
	5 (CQC)	0.43	0.00	0.00	0.00	0.00	0.00
	6 (CQC)	0.02	0.49	0.01	0.00	0.00	0.00
3(R)	1	0.27	-0.09	-1.97	0.00	0.00	0.00
	2	0.01	-0.01	-0.32	0.00	0.00	0.00
	3	2.62	-0.71	-2.70	0.00	0.00	0.00
	4	0.35	-0.17	-0.45	0.00	0.00	0.00
	7	338.27	-32.02	-0.63	0.00	0.00	0.00
	9	0.01	0.00	-0.21	0.00	0.00	0.00
	11	0.19	-0.21	-0.78	0.00	0.00	0.00
	13	-0.20	0.22	0.78	0.00	0.00	0.00
	5 (CQC)	0.42	0.46	1.66	0.00	0.00	0.00
	6 (CQC)	0.04	0.59	0.55	0.00	0.00	0.00
4(R)	1	-0.47	0.00	-1.97	0.00	0.00	0.00
	2	-0.01	0.00	-0.32	0.00	0.00	0.00
	3	-4.73	0.00	-2.70	0.00	0.00	0.00
	4	-0.30	0.00	-0.45	0.00	0.00	0.00
	7	-317.23	0.00	-0.52	0.00	0.00	0.00
	9	-0.01	0.00	-0.27	0.00	0.00	0.00
	11	0.15	0.00	0.78	0.00	0.00	0.00
	13	-0.14	0.00	-0.78	0.00	0.00	0.00
	5 (CQC)	0.30	0.00	1.65	0.00	0.00	0.00
	6 (CQC)	0.04	0.00	0.55	0.00	0.00	0.00
5(R)	1	0.21	0.00	-1.11	0.00	0.00	0.00
	2	0.00	0.00	-0.04	0.00	0.00	0.00
	3	2.16	0.00	-3.00	0.00	0.00	0.00
	4	0.01	0.00	0.89	0.00	0.00	0.00
	7	-10.57	0.00	1.02	0.00	0.00	0.00
	9	0.00	0.00	-0.03	0.00	0.00	0.00
	11	0.10	0.00	-0.02	0.00	0.00	0.00
	13	-0.10	0.00	-0.01	0.00	0.00	0.00
	5 (CQC)	0.25	0.00	0.00	0.00	0.00	0.00
	6 (CQC)	0.01	0.00	0.00	0.00	0.00	0.00
6(R)	1	0.24	0.00	-1.97	0.00	0.00	0.00
	2	0.01	0.00	-0.32	0.00	0.00	0.00
	3	2.40	0.00	-2.70	0.00	0.00	0.00
	4	0.29	0.00	-0.45	0.00	0.00	0.00
	7	327.23	0.00	-0.51	0.00	0.00	0.00
	9	0.01	0.00	-0.21	0.00	0.00	0.00
	11	0.13	0.00	-0.78	0.00	0.00	0.00
	13	-0.14	0.00	0.78	0.00	0.00	0.00
	5 (CQC)	0.29	0.00	1.65	0.00	0.00	0.00
	6 (CQC)	0.05	0.00	0.55	0.00	0.00	0.00

Somma delle reazioni vincolari e vincoli interni dei nodi (sistema di coordinate globali)									
Caso	***Centro di pressione***			***Risultante delle forze***			***Momenti risultanti***		
Nr.	***X (m)***	***Y (m)***	***Z (m)***	***FX(kN)***	***FY(kN)***	***FZ(kN)***	***MX(kN*m)***	***MY(kN*m)***	***MZ(kN*m)***
1	0.70	1.50	0.00	-0.00	0.00	-10.11	-0.00	0.00	0.00
2	0.70	1.50	0.00	0.00	0.00	-1.37	-0.00	0.00	-0.00
3	0.70	1.50	0.00	-0.00	0.00	-16.80	0.00	-0.00	0.00
4	0.00	0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	-0.00
9	0.61	1.50	0.00	-0.00	0.00	-1.03	0.00	-0.00	-0.00
11	0.00	1.50	2.29	0.96	-0.00	-0.03	-0.00	2.21	0.00
13	0.00	1.50	2.26	-0.96	0.00	-0.03	0.00	-2.17	-0.00
5 (CQC)	0.71	1.50	0.98	2.10	0.01	0.01	0.00	4.64	0.06
6 (CQC)	0.71	1.50	0.98	0.01	1.66	0.02	3.31	0.00	0.02

I momenti risultanti vengono calcolati per il punto di proiezione del centro di pressione sull'altitudine media degli appoggi.
Per i casi di carico sismico, la forza risultante viene calcolata per il punto di proiezione del centro delle masse dinamiche sull'altitudine media degli appoggi.
Se non esiste il centro di pressione, il torsore risultante è calcolato in (0, 0,0).

Contenuto:

Verifica Acciaio 2
Dati 2
Risultati 2

VERIFICA ACCIAIO

Dati

Ipotesi di verifica dell'acciaio

Le ipotesi di analisi degli elementi in acciaio sono:

- Dimensionamento eseguito secondo EC3 ().
- Il calcolo viene eseguito in flessione deviata.
- L'ottimizzazione dei profili è stata eseguita per ottenere un tasso di lavoro degli elementi inferiore a 100%.
- Numero di iterazioni per ciascun profilo determinato automaticamente
- Il calcolo viene eseguito per Elementi.
- L'ordinamento delle schede delle sezioni viene eseguito col criterio Inviluppo.
- La lunghezza d'inflessione è calcolata secondo il metodo $\eta 1$- $\eta 2$.

Casi di carico abilitati per la verifica dei profili				
Tipo di verifica	*Codice*	*Coeff. Verif. Resistenza*	*Coeff. Verif. Stabilità*	*Elenco dei casi / combinazioni*
Verifica delle frecce	ECELSCQ	-	1.000	258-402
Verifica delle frecce	ECELSQP	-	1.000	403-405
Verifica dei profili	ECELUSTR	1.050	1.050	101-245
Verifica dei profili	ECELUS	1.050	1.050	246-257

Coefficienti d'imperfezioni globali EC3 per ogni elemento (§5.3.2(3)-EN1993-1-1)								
Elemento N°	*Nome*	*Direzioni*	*Φ_0*	*h (m)*	*m*	*α_h*	*α_m*	*Φ*

Risultati

Verifica delle frecce: per elemento										
Elemento N°	*Nome*	*Mesh - Punto*	*Direzione*	*Lunghezza L (m)*	*Criterio*	*Freccia consentita*	*Freccia calcolata*	*Freccia calcolata (mm)*	*Caso/Combinazioni*	*Freccia(%)*
1	ARCARECCIO	1 - 1/4	y	1.42	1° criterio	L/500	L/4339	0.3	261	12%
2	ARCARECCIO	4 - 1/4	y	1.42	1° criterio	L/500	L/4766	0.3	261	10%
3	ARCARECCIO	1 - 1/4	y	1.42	1° criterio	L/500	L/4770	0.3	261	10%
4	ARCARECCIO	4 - 1/4	y	1.42	1° criterio	L/500	L/4341	0.3	261	12%
17	TRAVE	3 - 3/4	y	1.40	1° criterio	L/500	L/10000	0.0	261	2%
18	TRAVE	1 - 1/4	z	0.70	1° criterio	L/500	L/9919	0.0	260	5%
19	TRAVE	2 - 1/4	z	0.70	1° criterio	L/500	L/9948	0.0	260	5%
20	TRAVE	1 - 3/4	y	1.40	1° criterio	L/500	L/10000	0.0	261	1%
21	TRAVE	4 - 5/4	z	3.00	1° criterio	L/500	L/6334	0.5	259	8%
22	TRAVE	3 - 5/4	z	3.00	1° criterio	L/500	L/5633	0.5	259	9%
23	TRAVE	4 - 5/4	z	3.00	1° criterio	L/500	L/6308	0.5	259	8%
24	ARCARECCIO	1 - 1/4	z	1.42	1° criterio	L/500	L/5033	0.3	261	10%
25	ARCARECCIO	4 - 1/4	z	1.42	1° criterio	L/500	L/5041	0.3	261	10%
27	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/753	0.3	260	66%
28	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/847	0.2	262	59%

Verifica delle frecce: per elemento										
Elemento N°	**Nome**	**Mesh - Punto**	**Direzione**	**Lunghezza L (m)**	**Criterio**	**Freccia consentita**	**Freccia calcolata**	**Freccia calcolata (mm)**	**Caso/Combinazioni**	**Freccia(%)**
29	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/1054	0.2	260	47%
30	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/1643	0.1	260	30%
31	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/4758	0.0	260	11%
32	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/4696	0.0	260	11%
33	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/1636	0.1	260	31%
34	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/1051	0.2	260	48%
35	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/846	0.2	262	59%
36	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/752	0.3	260	67%
37	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/624	0.3	260	80%
38	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/719	0.3	262	70%
39	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/1463	0.1	260	34%
40	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/924	0.2	260	54%
41	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/625	0.3	260	80%
42	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/4302	0.0	260	12%
43	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/927	0.2	260	54%
44	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/717	0.3	262	70%
45	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/4248	0.0	260	12%
46	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/1456	0.1	260	34%
47	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/752	0.3	260	67%
48	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/848	0.2	262	59%
49	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/1643	0.1	260	30%
50	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/1051	0.2	260	48%
51	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/753	0.3	260	66%
52	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/4758	0.0	260	11%
53	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/1054	0.2	260	47%
54	trave curva	2 - 1/4	z	0.19	1° criterio	L/500	L/846	0.2	262	59%
55	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/4696	0.0	260	11%
56	trave curva	1 - 1/4	z	0.19	1° criterio	L/500	L/1636	0.1	260	31%

Scheda sezione - Elemento lineare no. 17 TRAVE

1) Sezione

Profilo	HEA160
Dimensioni(mm)	h = 152.0 b = 160.0 tw = 6.0 tf = 9.0 r = 15.0 r1 = 0.0
Sezioni(mm2)	Area = 3877.0 Avy = 3006.0 Avz = 1321.0
Momenti d'inerzia(mm4)	It = 121900 Iy = 1.673e+007 Iz = 6.156e+006
Momenti d'inerzia(mm6)	Iw = 3.1471e+010
Moduli di resistenza(mm3)	Wply = 245100 Wplz = 117600
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

Scheda sezione - Elemento lineare no. 17 TRAVE

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 261 : 1x[1 G]+1x[3 Q]+0.6x[7 tempo] L/10000 < L/500 (2 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 4/4 Fx < Npl : 230.14 < 1015.40 kN (23 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 4/4 Fy < Vply : 5.43 < 454.54 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.2 0/4 Fz < Vplz : 0.69 < 199.75 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 17.3 4/4 MyEd < MyRk : 0.25 < 64.19 kN*m (0 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 0/4 MzEd < MzRk : 2.50 < 30.80 kN*m (8 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08123 < 1 (8 %)
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: non eseguito (-)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.40 m λ_y = 0.245 Curva b α_y = 0.34 Φ_y = 0.54 χ_y = 0.984 Ncry = 17691.27 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 2.60 m λ_z = 0.751 Curva c α_z = 0.49 Φ_z = 0.92 χ_z = 0.693 Ncrz = 1892.60 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.40 m Lds = 1.40 m C1 = 2.570 C2 = 1.550 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 1361.69 kN*m λ_{LT} = 0.222 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.99 (| δ_x | = 0.0 mm at x = 0.35 m) C_{mz0} = 0.90 (| δ_x | = 0.0 mm at x = 1.05 m) NcrT = 7305.59 kN λ_{max} = 0.75 λ_0 = 0.36 $\lambda_{0limite}$ = 0.31 C_{my} = 0.99 C_{mz} = 0.90 C_{mLT} = 1.05 a_{LT} = 0.99 ε_y = 0.00 m_{uy} = 1.00 m_{uz} = 0.96 w_y = 1.11 w_z = 1.50 n_{pl} = 0.22 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.13 C_{zy} = 0.94 C_{zz} = 1.10
Coefficienti d'interazione (Annessi A)	kyy = 1.05 kyz = 0.63 kzy = 0.56 kzz = 0.90
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.23 + 0.00 + 0.05 = 0.28 < 1.00 (28%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.32 + 0.00 + 0.07 = 0.40 < 1.00 (40%)

Scheda sezione - Elemento lineare no. 18 TRAVE

1) Sezione

Profilo	HEA160
Dimensioni(mm)	h = 152.0 b = 160.0 tw = 6.0 tf = 9.0 r = 15.0 r1 = 0.0
Sezioni(mm2)	Area = 3877.0 Avy = 3006.0 Avz = 1321.0
Momenti d'inerzia(mm4)	It = 121900 Iy = 1.673e+007 Iz = 6.156e+006
Momenti d'inerzia(mm6)	Iw = 3.1471e+010
Moduli di resistenza(mm3)	Wply = 245100 Wplz = 117600
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/9919 < L/500 (5 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 Fx < Npl : 8.38 < 1015.40 kN (1 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 Fy < Vply : 0.63 < 454.54 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.1 0/4 Fz < Vplz : 3.37 < 199.75 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 MyEd < MyRk : 1.82 < 64.19 kN*m (3 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 MzEd < MzRk : 0.15 < 30.80 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.02839 < 1 (3 %)
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: non eseguito (-)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 6.81 m λ_y = 1.194 Curva b α_y = 0.34 Φ_y = 1.38 χ_y = 1.000 Ncry = 747.90 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.28 m λ_z = 0.370 Curva c α_z = 0.49 Φ_z = 0.61 χ_z = 1.000 Ncrz = 7787.41 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.70 m Lds = 0.70 m C1 = 1.520 C2 = 0.083 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 2932.20 kN*m λ_{LT} = 0.152 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 ($\lvert \delta_x \rvert$ = 0.0 mm at x = 0.35 m) C_{mz0} = 1.00 ($\lvert \delta_x \rvert$ = 0.0 mm at x = 0.23 m) NcrT = 24218.60 kN λ_{max} = 1.19 λ_{-0} = 0.19 $\lambda_{-0limite}$ = 0.25 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.99 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.11 w_z = 1.50 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.07 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.70 kzy = 0.52 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.01 + 0.03 + 0.00 = 0.04 < 1.00 (4%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.01 + 0.01 + 0.00 = 0.03 < 1.00 (3%)

Scheda sezione - Elemento lineare no. 19 TRAVE

1) Sezione

Profilo	HEA160
Dimensioni(mm)	h = 152.0 b = 160.0 tw = 6.0 tf = 9.0 r = 15.0 r1 = 0.0
Sezioni(mm2)	Area = 3877.0 Avy = 3006.0 Avz = 1321.0
Momenti d'inerzia(mm4)	It = 121900 Iy = 1.673e+007 Iz = 6.156e+006
Momenti d'inerzia(mm6)	Iw = 3.1471e+010
Moduli di resistenza(mm3)	Wply = 245100 Wplz = 117600
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/9948 < L/500 (5 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 Fx < Npl : 4.02 < 1015.40 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 Fy < Vply : 0.30 < 454.54 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 Fz < Vplz : 2.76 < 199.75 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 MyEd < MyRk : 1.80 < 64.19 kN*m (3 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 0/4 MzEd < MzRk : 0.11 < 30.80 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.02801 < 1 (3 %)
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: non eseguito (-)

5) Stabilità elementi

Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 6.81 m λ_y = 1.194 Curva b α_y = 0.34 Φ_y = 1.38 χ_y = 1.000 Ncry = 747.90 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.28 m λ_z = 0.370 Curva c α_z = 0.49 Φ_z = 0.61 χ_z = 1.000 Ncrz = 7787.41 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.70 m Lds = 0.70 m C1 = 1.131 C2 = 0.006 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 2182.45 kN*m λ_{LT} = 0.176 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 ($\lvert \delta_x \rvert$ = 0.0 mm at x = 0.35 m) C_{mz0} = 0.62 NcrT = 24218.60 kN λ_{max} = 1.19 λ_0 = 0.19 $\lambda_{0limite}$ = 0.21 C_{my} = 1.00 C_{mz} = 0.62 C_{mLT} = 1.00 a_{LT} = 0.99 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.11 w_z = 1.50 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.07 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.43 kzy = 0.52 kzz = 0.62
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.03 + 0.00 = 0.03 < 1.00 (3%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.01 + 0.00 = 0.02 < 1.00 (2%)

Scheda sezione - Elemento lineare no. 20 TRAVE

1) Sezione

Profilo	HEA160
Dimensioni(mm)	h = 152.0 b = 160.0 tw = 6.0 tf = 9.0 r = 15.0 r1 = 0.0
Sezioni(mm2)	Area = 3877.0 Avy = 3006.0 Avz = 1321.0
Momenti d'inerzia(mm4)	It = 121900 Iy = 1.673e+007 Iz = 6.156e+006
Momenti d'inerzia(mm6)	Iw = 3.1471e+010
Moduli di resistenza(mm3)	Wply = 245100 Wplz = 117600
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 261 : 1x[1 G]+1x[3 Q]+0.6x[7 tempo] L/10000 < L/500 (1 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.1 4/4 Fx < Npl : 232.56 < 1015.40 kN (23 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.2 4/4 Fy < Vply : 7.54 < 454.54 kN (2 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.2 0/4 Fz < Vplz : 0.73 < 199.75 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 20.3 4/4 MyEd < MyRk : 0.26 < 64.19 kN*m (0 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.1 0/4 MzEd < MzRk : 2.92 < 30.80 kN*m (9 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.09494 < 1 (9 %)
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: non eseguito (-)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.40 m λ_y = 0.245 Curva b α_y = 0.34 Φ_y = 0.54 χ_y = 0.984 Ncry = 17691.27 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.40 m λ_z = 0.405 Curva c α_z = 0.49 Φ_z = 0.63 χ_z = 0.895 Ncrz = 6509.71 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.40 m Lds = 1.40 m C1 = 2.570 C2 = 1.550 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 1361.69 kN*m λ_{LT} = 0.222 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.99 (| δ_x | = 0.0 mm at x = 0.35 m) C_{mz0} = 0.97 (| δ_x | = 0.0 mm at x = 0.23 m) NcrT = 7305.59 kN λ_{max} = 0.40 λ_0 = 0.36 $\lambda_{0limite}$ = 0.32 C_{my} = 0.99 C_{mz} = 0.97 C_{mLT} = 1.00 a_{LT} = 0.99 ε_y = 0.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.11 w_z = 1.50 n_{pl} = 0.23 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.03 C_{yz} = 1.19 C_{zy} = 1.02 C_{zz} = 1.16
Coefficienti d'interazione (Annessi A)	kyy = 0.98 kyz = 0.58 kzy = 0.51 kzz = 0.86
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.23 + 0.00 + 0.06 = 0.29 < 1.00 (29%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.25 + 0.00 + 0.08 = 0.33 < 1.00 (33%)

Scheda sezione - Elemento lineare no. 21 TRAVE

1) Sezione

Profilo	HEA160
Dimensioni(mm)	h = 152.0 b = 160.0 tw = 6.0 tf = 9.0 r = 15.0 r1 = 0.0
Sezioni(mm2)	Area = 3877.0 Avy = 3006.0 Avz = 1321.0
Momenti d'inerzia(mm4)	It = 121900 Iy = 1.673e+007 Iz = 6.156e+006
Momenti d'inerzia(mm6)	Iw = 3.1471e+010
Moduli di resistenza(mm3)	Wply = 245100 Wplz = 117600
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 259 : 1x[1 G]+1x[3 Q] L/6334 < L/500 (8 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.3 4/4 Fx < Npl : 20.01 < 1015.40 kN (2 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.8 4/4 Fy < Vply : 41.26 < 454.54 kN (9 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.1 0/4 Fz < Vplz : 6.54 < 199.75 kN (3 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.4 4/4 MyEd < MyRk : 2.75 < 64.19 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.8 4/4 MzEd < MzRk : 2.85 < 30.80 kN*m (9 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.8 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.09268 < 1 (9 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 21.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.00 = 0.00 kN*m (0 %) Torsione non verificata per questo tipo di sezione

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.8 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 3.00 m λ_y = 0.526 Curva b α_y = 0.34 Φ_y = 0.69 χ_y = 0.872 Ncry = 3852.76 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 3.00 m λ_z = 0.867 Curva c α_z = 0.49 Φ_z = 1.04 χ_z = 0.620 Ncrz = 1417.67 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 3.00 m Lds = 3.00 m C1 = 2.570 C2 = 1.550 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 400.07 kN*m λ_{LT} = 0.410 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.7 mm at x = 1.50 m) C_{mz0} = 0.99 (| δ_x | = 0.2 mm at x = 0.75 m) NcrT = 2895.68 kN λ_{max} = 0.87 λ_0 = 0.66 $\lambda_{0limite}$ = 0.32 C_{my} = 1.00 C_{mz} = 0.99 C_{mLT} = 1.00 a_{LT} = 0.99 ε_y = 0.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.11 w_z = 1.50 n_{pl} = 0.01 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 0.99 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.69 kzy = 0.52 kzz = 0.99
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.02 + 0.00 + 0.06 = 0.08 < 1.00 (8%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.02 + 0.00 + 0.09 = 0.12 < 1.00 (12%)

Scheda sezione - Elemento lineare no. 22 TRAVE

1) Sezione

Profilo	HEA160
Dimensioni(mm)	h = 152.0 b = 160.0 tw = 6.0 tf = 9.0 r = 15.0 r1 = 0.0
Sezioni(mm2)	Area = 3877.0 Avy = 3006.0 Avz = 1321.0
Momenti d'inerzia(mm4)	It = 121900 Iy = 1.673e+007 Iz = 6.156e+006
Momenti d'inerzia(mm6)	Iw = 3.1471e+010
Moduli di resistenza(mm3)	Wply = 245100 Wplz = 117600
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 259 : 1x[1 G]+1x[3 Q] L/5633 < L/500 (9 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.6 4/4 Fx < Npl : 24.74 < 1015.40 kN (2 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.4 4/4 Fy < Vply : 0.78 < 454.54 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.6 4/4 Fz < Vplz : 4.58 < 199.75 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.4 4/4 MyEd < MyRk : 2.82 < 64.19 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.1 0/4 MzEd < MzRk : 0.31 < 30.80 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.4 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04400 < 1 (4 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 22.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.00 = 0.00 kN*m (0 %) Torsione non verificata per questo tipo di sezione

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.3 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 3.00 m λ_y = 0.526 Curva b α_y = 0.34 Φ_y = 0.69 χ_y = 0.872 Ncry = 3852.76 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 3.00 m λ_z = 0.867 Curva c α_z = 0.49 Φ_z = 1.04 χ_z = 0.620 Ncrz = 1417.67 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 3.00 m Lds = 3.00 m C1 = 2.570 C2 = 1.550 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 400.07 kN*m λ_{LT} = 0.410 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.8 mm at x = 1.50 m) C_{mz0} = 0.99 (| δ_x | = 0.0 mm at x = 0.87 m) NcrT = 2895.68 kN λ_{max} = 0.87 λ_0 = 0.66 $\lambda_{0limite}$ = 0.32 C_{my} = 1.00 C_{mz} = 0.99 C_{mLT} = 1.00 a_{LT} = 0.99 ε_y = 3.07 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.11 w_z = 1.50 n_{pl} = 0.02 b_{LT} = 0.00 c_{LT} = 0.03 d_{LT} = 0.00 e_{LT} = 0.07 C_{yy} = 1.00 C_{yz} = 0.99 C_{zy} = 0.99 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.01 kyz = 0.70 kzy = 0.52 kzz = 0.99
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.02 + 0.04 + 0.00 = 0.07 < 1.00 (7%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.03 + 0.02 + 0.00 = 0.05 < 1.00 (5%)

Scheda sezione - Elemento lineare no. 23 TRAVE

1) Sezione

Profilo	HEA160
Dimensioni(mm)	h = 152.0 b = 160.0 tw = 6.0 tf = 9.0 r = 15.0 r1 = 0.0
Sezioni(mm2)	Area = 3877.0 Avy = 3006.0 Avz = 1321.0
Momenti d'inerzia(mm4)	It = 121900 Iy = 1.673e+007 Iz = 6.156e+006
Momenti d'inerzia(mm6)	Iw = 3.1471e+010
Moduli di resistenza(mm3)	Wply = 245100 Wplz = 117600
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 259 : 1x[1 G]+1x[3 Q] L/6308 < L/500 (8 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.2 4/4 Fx < Npl : 24.51 < 1015.40 kN (2 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.8 4/4 Fy < Vply : 49.00 < 454.54 kN (11 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.1 0/4 Fz < Vplz : 6.36 < 199.75 kN (3 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.4 4/4 MyEd < MyRk : 2.79 < 64.19 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.8 4/4 MzEd < MzRk : 2.92 < 30.80 kN*m (9 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.8 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.09494 < 1 (9 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 23.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.00 = 0.00 kN*m (0 %) Torsione non verificata per questo tipo di sezione

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.8 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 3.00 m λ_y = 0.526 Curva b α_y = 0.34 Φ_y = 0.69 χ_y = 0.872 Ncry = 3852.76 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 3.00 m λ_z = 0.867 Curva c α_z = 0.49 Φ_z = 1.04 χ_z = 0.620 Ncrz = 1417.67 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 3.00 m Lds = 3.00 m C1 = 2.570 C2 = 1.550 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 400.07 kN*m λ_{LT} = 0.410 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.7 mm at x = 1.50 m) C_{mz0} = 0.99 (| δ_x | = 0.2 mm at x = 1.00 m) NcrT = 2895.68 kN λ_{max} = 0.87 λ_0 = 0.66 $\lambda_{0limite}$ = 0.32 C_{my} = 1.00 C_{mz} = 0.99 C_{mLT} = 1.00 a_{LT} = 0.99 ε_y = 0.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.11 w_z = 1.50 n_{pl} = 0.01 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 0.99 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.69 kzy = 0.52 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.02 + 0.00 + 0.07 = 0.08 < 1.00 (8%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.02 + 0.00 + 0.09 = 0.12 < 1.00 (12%)

Scheda sezione - Elemento lineare no. 5 MONTANTI

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.5 4/4 Fx < Npl : 2.65 < 385.00 kN (1 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.5 4/4 Fy < Vply : 0.57 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.1 4/4 Fz < Vplz : 1.12 < 111.14 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.2 4/4 MyEd < MyRk : 1.09 < 10.76 kN*m (10 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.5 4/4 MzEd < MzRk : 0.55 < 10.76 kN*m (5 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.2 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.10163 < 1 (10 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.2 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.15 < 7.52 kN*m (2 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.3 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 4.80 m λ_y = 1.812 Curva c α_y = 0.49 Φ_y = 2.54 χ_y = 0.232 Ncry = 123.16 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 2.82 m λ_z = 1.063 Curva c α_z = 0.49 Φ_z = 1.28 χ_z = 0.504 Ncrz = 357.69 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 2.46 m Lds = 2.46 m C1 = 1.148 C2 = 0.505 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 329.31 kN*m λ_{LT} = 0.185 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 1.7 mm at x = 1.09 m) C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 1.97 m) NcrT = 94031.30 kN λ_{max} = 1.81 λ_0 = 0.20 $\lambda_{0limite}$ = 0.21 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 33.30 m_{uy} = 0.99 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 0.99 C_{zy} = 0.99 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.61 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.02 + 0.10 + 0.01 = 0.12 < 1.00 (12%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.01 + 0.06 + 0.01 = 0.08 < 1.00 (8%)

Scheda sezione - Elemento lineare no. 6 MONTANTI

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.5 4/4 Fx < Npl : 2.66 < 385.00 kN (1 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.5 4/4 Fy < Vply : 0.57 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.2 4/4 Fz < Vplz : 1.12 < 111.14 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.2 4/4 MyEd < MyRk : 1.09 < 10.76 kN*m (10 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.5 4/4 MzEd < MzRk : 0.55 < 10.76 kN*m (5 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.2 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.10158 < 1 (10 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.2 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.15 < 7.52 kN*m (2 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.3 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 3.27 m λ_y = 1.233 Curva c α_y = 0.49 Φ_y = 1.51 χ_y = 0.418 Ncry = 265.77 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 2.82 m λ_z = 1.063 Curva c α_z = 0.49 Φ_z = 1.28 χ_z = 0.504 Ncrz = 357.69 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 2.46 m Lds = 2.46 m C1 = 1.148 C2 = 0.505 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 329.29 kN*m λ_{LT} = 0.185 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 ($\lvert \delta_x \rvert$ = 1.7 mm at x = 1.09 m) C_{mz0} = 1.00 ($\lvert \delta_x \rvert$ = 0.0 mm at x = 1.97 m) NcrT = 94031.30 kN λ_{max} = 1.23 λ_0 = 0.20 $\lambda_{0limite}$ = 0.21 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 33.18 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.01 + 0.10 + 0.01 = 0.11 < 1.00 (11%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.01 + 0.06 + 0.01 = 0.08 < 1.00 (8%)

Scheda sezione - Elemento lineare no. 7 MONTANTI

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.3 0/4 Fx < Npl : 2.58 < 385.00 kN (1 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 7.5 4/4 Fy < Vply : 0.27 < 111.14 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.5 4/4 Fz < Vplz : 2.42 < 111.14 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.3 0/4 MyEd < MyRk : 1.86 < 10.76 kN*m (17 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 7.5 4/4 MzEd < MzRk : 0.22 < 10.76 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.3 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.17245 < 1 (17 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 7.3 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.001 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.3 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 2.78 m λ_y = 1.048 Curva c α_y = 0.49 Φ_y = 1.26 χ_y = 1.000 Ncry = 367.95 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 2.68 m λ_z = 1.009 Curva c α_z = 0.49 Φ_z = 1.21 χ_z = 1.000 Ncrz = 396.79 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 2.46 m Lds = 2.46 m C1 = 1.233 C2 = 0.746 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 353.73 kN*m λ_{LT} = 0.179 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 2.1 mm at x = 0.96 m) C_{mz0} = 0.79 NcrT = 94031.30 kN λ_{max} = 1.05 λ_0 = 0.20 $\lambda_{0limite}$ = 0.22 C_{my} = 1.00 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.47 kzy = 0.60 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.17 + 0.00 = 0.17 < 1.00 (17%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.10 + 0.00 = 0.10 < 1.00 (10%)

Scheda sezione - Elemento lineare no. 8 MONTANTI

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.3 0/4 Fx < Npl : 2.56 < 385.00 kN (1 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 8.5 4/4 Fy < Vply : 0.27 < 111.14 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.5 4/4 Fz < Vplz : 2.42 < 111.14 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.3 0/4 MyEd < MyRk : 1.86 < 10.76 kN*m (17 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 248 : 1x[1 G]+1x[6 EY]+0.6x[3 Q], Mesh n° 8.5 4/4 MzEd < MzRk : 0.22 < 10.76 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.3 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.17245 < 1 (17 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 8.5 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.001 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.3 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 4.05 m λ_y = 1.528 Curva c α_y = 0.49 Φ_y = 1.99 χ_y = 1.000 Ncry = 173.12 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 2.68 m λ_z = 1.009 Curva c α_z = 0.49 Φ_z = 1.21 χ_z = 1.000 Ncrz = 396.79 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 2.46 m Lds = 2.46 m C1 = 1.234 C2 = 0.746 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 353.84 kN*m λ_{LT} = 0.179 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 2.1 mm at x = 0.96 m) C_{mz0} = 0.79 NcrT = 94031.30 kN λ_{max} = 1.53 λ_0 = 0.20 $\lambda_{0limite}$ = 0.22 C_{my} = 1.00 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.47 kzy = 0.60 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.17 + 0.00 = 0.17 < 1.00 (17%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.10 + 0.00 = 0.10 < 1.00 (10%)

Scheda sezione - Elemento lineare no. 9 MONTANTI

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.5 4/4 Fx < Npl : 2.66 < 385.00 kN (1 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.3 4/4 Fy < Vply : 0.57 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.1 4/4 Fz < Vplz : 1.12 < 111.14 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.2 4/4 MyEd < MyRk : 1.09 < 10.76 kN*m (10 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.5 4/4 MzEd < MzRk : 0.55 < 10.76 kN*m (5 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.2 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.10156 < 1 (10 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.2 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.15 < 7.52 kN*m (2 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.3 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 3.58 m λ_y = 1.349 Curva c α_y = 0.49 Φ_y = 1.69 χ_y = 0.369 Ncry = 222.01 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 2.86 m λ_z = 1.079 Curva c α_z = 0.49 Φ_z = 1.30 χ_z = 0.495 Ncrz = 347.16 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 2.46 m Lds = 2.46 m C1 = 1.148 C2 = 0.506 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 329.35 kN*m λ_{LT} = 0.185 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 ($\lvert \delta_x \rvert$ = 1.7 mm at x = 1.09 m) C_{mz0} = 1.00 ($\lvert \delta_x \rvert$ = 0.0 mm at x = 1.97 m) NcrT = 94031.30 kN λ_{max} = 1.35 λ_0 = 0.20 $\lambda_{0limite}$ = 0.21 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 33.10 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 0.99 C_{zy} = 0.99 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.61 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.01 + 0.10 + 0.01 = 0.11 < 1.00 (11%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.01 + 0.06 + 0.01 = 0.08 < 1.00 (8%)

Scheda sezione - Elemento lineare no. 10 MONTANTI

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.5 4/4 Fx < Npl : 2.65 < 385.00 kN (1 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.5 4/4 Fy < Vply : 0.57 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.1 4/4 Fz < Vplz : 1.12 < 111.14 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.2 4/4 MyEd < MyRk : 1.09 < 10.76 kN*m (10 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.5 4/4 MzEd < MzRk : 0.55 < 10.76 kN*m (5 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.2 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.4.3) : 0.10153 < 1 (10 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.2 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.15 < 7.52 kN*m (2 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.3 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 5.32 m λ_y = 2.008 Curva c α_y = 0.49 Φ_y = 2.96 χ_y = 0.195 Ncry = 100.21 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 2.86 m λ_z = 1.079 Curva c α_z = 0.49 Φ_z = 1.30 χ_z = 0.495 Ncrz = 347.16 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 2.46 m Lds = 2.46 m C1 = 1.148 C2 = 0.506 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 329.35 kN*m λ_{LT} = 0.185 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 ($\lvert \delta_x \rvert$ = 1.7 mm at x = 1.09 m) C_{mz0} = 1.00 ($\lvert \delta_x \rvert$ = 0.0 mm at x = 1.97 m) NcrT = 94031.30 kN λ_{max} = 2.01 λ_{-0} = 0.20 $\lambda_{-0limite}$ = 0.21 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 33.13 m_{uy} = 0.99 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 0.99 C_{zy} = 0.99 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.61 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.02 + 0.10 + 0.01 = 0.12 < 1.00 (12%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.01 + 0.06 + 0.01 = 0.08 < 1.00 (8%)

Scheda sezione - Elemento lineare no. 11 CORRENTE ORIZZ

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.6 4/4 Fx < Npl : 0.89 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.1 4/4 Fy < Vply : 0.68 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 11.4 4/4 Fz < Vplz : 0.08 < 111.14 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.3 4/4 MyEd < MyRk : 0.08 < 10.76 kN*m (1 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.4 0/4 MzEd < MzRk : 0.41 < 10.76 kN*m (4 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.4 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.03837 < 1 (4 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.3 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.06 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 3.47 m λ_y = 1.309 Curva c α_y = 0.49 Φ_y = 1.63 χ_y = 1.000 Ncry = 236.07 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 3.24 m λ_z = 1.222 Curva c α_z = 0.49 Φ_z = 1.50 χ_z = 1.000 Ncrz = 270.58 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 2.84 m Lds = 2.84 m C1 = 1.690 C2 = 1.500 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 419.80 kN*m λ_{LT} = 0.164 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.1 mm at x = 1.42 m) C_{mz0} = 1.00 (| δ_x | = 0.6 mm at x = 1.42 m) NcrT = 94031.30 kN λ_{max} = 1.31 λ_0 = 0.21 $\lambda_{0limite}$ = 0.26 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.01 + 0.02 = 0.03 < 1.00 (3%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.00 + 0.04 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 12 CORRENTE ORIZZ

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.2 4/4 Fx < Npl : 0.13 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.3 4/4 Fy < Vply : 0.78 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.1 0/4 Fz < Vplz : 2.27 < 111.14 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.2 2/4 MyEd < MyRk : 0.44 < 10.76 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.3 4/4 MzEd < MzRk : 0.49 < 10.76 kN*m (5 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.3 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04548 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 12.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.04 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.91 m λ_y = 0.721 Curva c α_y = 0.49 Φ_y = 0.89 χ_y = 0.712 Ncry = 777.28 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.87 m λ_z = 0.704 Curva c α_z = 0.49 Φ_z = 0.87 χ_z = 0.722 Ncrz = 816.03 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 1.226 C2 = 0.859 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 608.99 kN*m λ_{LT} = 0.136 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.3 mm at x = 0.71 m) C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 0.35 m) NcrT = 94031.30 kN λ_{max} = 0.72 λ_0 = 0.15 $\lambda_{0limite}$ = 0.22 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 200.53 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.01 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.01 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 13 CORRENTE ORIZZ

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.3 4/4 Fx < Npl : 0.13 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.3 4/4 Fy < Vply : 0.77 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.1 0/4 Fz < Vplz : 2.27 < 111.14 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.2 2/4 MyEd < MyRk : 0.44 < 10.76 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.3 4/4 MzEd < MzRk : 0.49 < 10.76 kN*m (5 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.3 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04532 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 13.3 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.04 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.91 m λ_y = 0.721 Curva c α_y = 0.49 Φ_y = 0.89 χ_y = 0.712 Ncry = 777.28 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.87 m λ_z = 0.704 Curva c α_z = 0.49 Φ_z = 0.87 χ_z = 0.722 Ncrz = 816.03 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 1.226 C2 = 0.859 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 608.99 kN*m λ_{LT} = 0.136 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.3 mm at x = 0.71 m) C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 0.35 m) NcrT = 94031.30 kN λ_{max} = 0.72 λ_0 = 0.15 $\lambda_{0limite}$ = 0.22 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 200.74 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.01 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.01 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 14 CORRENTE ORIZZ

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.3 4/4 Fx < Npl : 0.13 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.1 0/4 Fy < Vply : 0.77 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.3 4/4 Fz < Vplz : 2.27 < 111.14 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.2 2/4 MyEd < MyRk : 0.44 < 10.76 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.1 0/4 MzEd < MzRk : 0.49 < 10.76 kN*m (5 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04533 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 14.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.04 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.3 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.91 m λ_y = 0.721 Curva c α_y = 0.49 Φ_y = 0.89 χ_y = 0.712 Ncry = 777.28 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.87 m λ_z = 0.704 Curva c α_z = 0.49 Φ_z = 0.87 χ_z = 0.722 Ncrz = 816.03 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 1.226 C2 = 0.859 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 608.99 kN*m λ_{LT} = 0.136 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.3 mm at x = 0.71 m) C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 1.06 m) NcrT = 94031.30 kN λ_{max} = 0.72 λ_0 = 0.15 $\lambda_{0limite}$ = 0.22 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 200.84 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.01 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.01 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 15 CORRENTE ORIZZ

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.3 4/4 Fx < Npl : 0.13 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.1 0/4 Fy < Vply : 0.78 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.3 4/4 Fz < Vplz : 2.27 < 111.14 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.2 2/4 MyEd < MyRk : 0.45 < 10.76 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.1 0/4 MzEd < MzRk : 0.49 < 10.76 kN*m (5 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04547 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 15.3 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.04 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.3 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.91 m λ_y = 0.721 Curva c α_y = 0.49 Φ_y = 0.89 χ_y = 0.712 Ncry = 777.28 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.87 m λ_z = 0.704 Curva c α_z = 0.49 Φ_z = 0.87 χ_z = 0.722 Ncrz = 816.03 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 1.226 C2 = 0.859 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 608.99 kN*m λ_{LT} = 0.136 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.3 mm at x = 0.71 m) C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 1.06 m) NcrT = 94031.30 kN λ_{max} = 0.72 λ_0 = 0.15 $\lambda_{0limite}$ = 0.22 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 200.69 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.01 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.01 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 16 CORRENTE ORIZZ

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.6 4/4 Fx < Npl : 0.89 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.6 4/4 Fy < Vply : 0.68 < 111.14 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 16.4 4/4 Fz < Vplz : 0.08 < 111.14 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.3 4/4 MyEd < MyRk : 0.08 < 10.76 kN*m (1 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.4 0/4 MzEd < MzRk : 0.42 < 10.76 kN*m (4 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.4 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.03862 < 1 (4 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.2 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.06 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.6 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 3.47 m λ_y = 1.309 Curva c α_y = 0.49 Φ_y = 1.63 χ_y = 1.000 Ncry = 236.07 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 3.24 m λ_z = 1.222 Curva c α_z = 0.49 Φ_z = 1.50 χ_z = 1.000 Ncrz = 270.58 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 2.84 m Lds = 2.84 m C1 = 1.690 C2 = 1.500 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 419.80 kN*m λ_{LT} = 0.164 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.1 mm at x = 1.42 m) C_{mz0} = 1.00 (| δ_x | = 0.6 mm at x = 1.42 m) NcrT = 94031.30 kN λ_{max} = 1.31 λ_0 = 0.21 $\lambda_{0limite}$ = 0.26 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.01 + 0.02 = 0.03 < 1.00 (3%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.00 + 0.04 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 1 ARCARECCIO

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 261 : 1x[1 G]+1x[3 Q]+0.6x[7 tempo] L/4339 < L/500 (12 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.2 4/4 Fx < Npl : 0.61 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.1 0/4 Fy < Vply : 0.36 < 111.14 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 256 : 1x[1 G]-1x[5 EX], Mesh n° 1.1 4/4 Fz < Vplz : 0.07 < 111.14 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 1.1 0/4 MyEd < MyRk : 0.03 < 10.76 kN*m (0 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.3 4/4 MzEd < MzRk : 0.23 < 10.76 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.3 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.02112 < 1 (2 %)
Torsione (4.2.4.1.2.5)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 1.1 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.02 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.3 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.42 m λ_y = 0.536 Curva c α_y = 0.49 Φ_y = 0.73 χ_y = 0.823 Ncry = 1408.20 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.42 m λ_z = 0.536 Curva c α_z = 0.49 Φ_z = 0.73 χ_z = 0.823 Ncrz = 1408.20 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 1.000 C2 = 1.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 496.80 kN*m λ_{LT} = 0.151 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.79 C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 0.95 m) NcrT = 94031.30 kN λ_{max} = 0.54 λ_0 = 0.15 $\lambda_{0limite}$ = 0.20 C_{my} = 0.79 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 0.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.79 kyz = 0.60 kzy = 0.47 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \leq 1.00$ 0.00 + 0.00 + 0.01 = 0.01 < 1.00 (1%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \leq 1.00$ 0.00 + 0.00 + 0.02 = 0.02 < 1.00 (2%)

Scheda sezione - Elemento lineare no. 2 ARCARECCIO

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 261 : 1x[1 G]+1x[3 Q]+0.6x[7 tempo] L/4766 < L/500 (10 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.2 4/4 Fx < Npl : 1.03 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.3 4/4 Fy < Vply : 0.30 < 111.14 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.3 4/4 Fz < Vplz : 0.45 < 111.14 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.3 4/4 MyEd < MyRk : 0.28 < 10.76 kN*m (3 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.1 0/4 MzEd < MzRk : 0.21 < 10.76 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.3 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.02619 < 1 (3 %)
Torsione (4.2.4.1.2.5)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 2.1 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.42 m λ_y = 0.536 Curva c α_y = 0.49 Φ_y = 0.73 χ_y = 0.823 Ncry = 1408.20 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.42 m λ_z = 0.536 Curva c α_z = 0.49 Φ_z = 0.73 χ_z = 0.823 Ncrz = 1408.20 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 2.635 C2 = 0.078 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 1308.86 kN*m λ_{LT} = 0.093 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.0 mm at x = 0.35 m) C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 0.47 m) NcrT = 94031.30 kN λ_{max} = 0.54 λ_{-0} = 0.15 $\lambda_{-0limite}$ = 0.32 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 10.97 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.01 = 0.04 < 1.00 (4%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.01 + 0.02 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 3 ARCARECCIO

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 261 : 1x[1 G]+1x[3 Q]+0.6x[7 tempo] L/4770 < L/500 (10 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 4/4 Fx < Npl : 1.03 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 0/4 Fy < Vply : 0.30 < 111.14 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 0/4 Fz < Vplz : 0.45 < 111.14 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 0/4 MyEd < MyRk : 0.28 < 10.76 kN*m (3 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.3 4/4 MzEd < MzRk : 0.21 < 10.76 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.02618 < 1 (3 %)
Torsione (4.2.4.1.2.5)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 3.3 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.3 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.42 m λ_y = 0.536 Curva c α_y = 0.49 Φ_y = 0.73 χ_y = 0.823 Ncry = 1408.20 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.42 m λ_z = 0.536 Curva c α_z = 0.49 Φ_z = 0.73 χ_z = 0.823 Ncrz = 1408.20 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 2.635 C2 = 0.079 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 1309.01 kN*m λ_{LT} = 0.093 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.0 mm at x = 1.06 m) C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 0.95 m) NcrT = 94031.30 kN λ_{max} = 0.54 λ_{-0} = 0.15 $\lambda_{-0limite}$ = 0.32 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 10.95 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.01 = 0.04 < 1.00 (4%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.01 + 0.02 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 4 ARCARECCIO

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 261 : 1x[1 G]+1x[3 Q]+0.6x[7 tempo] L/4341 < L/500 (12 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.1 4/4 Fx < Npl : 0.61 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.3 4/4 Fy < Vply : 0.36 < 111.14 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 256 : 1x[1 G]-1x[5 EX], Mesh n° 4.3 4/4 Fz < Vplz : 0.07 < 111.14 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 4.3 4/4 MyEd < MyRk : 0.03 < 10.76 kN*m (0 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.1 0/4 MzEd < MzRk : 0.23 < 10.76 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.02112 < 1 (2 %)
Torsione (4.2.4.1.2.5)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 4.3 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.02 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.42 m λ_y = 0.536 Curva c α_y = 0.49 Φ_y = 0.73 χ_y = 0.823 Ncry = 1408.20 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.42 m λ_z = 0.536 Curva c α_z = 0.49 Φ_z = 0.73 χ_z = 0.823 Ncrz = 1408.20 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 1.000 C2 = 1.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 496.80 kN*m λ_{LT} = 0.151 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.79 C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 0.47 m) NcrT = 94031.30 kN λ_{max} = 0.54 λ_0 = 0.15 $\lambda_{0limite}$ = 0.20 C_{my} = 0.79 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 0.02 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.79 kyz = 0.60 kzy = 0.47 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \leq 1.00$ 0.00 + 0.00 + 0.01 = 0.01 < 1.00 (1%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \leq 1.00$ 0.00 + 0.00 + 0.02 = 0.02 < 1.00 (2%)

Scheda sezione - Elemento lineare no. 24 ARCARECCIO

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 261 : 1x[1 G]+1x[3 Q]+0.6x[7 tempo] L/5033 < L/500 (10 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 4/4 Fx < Npl : 1.04 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 0/4 Fy < Vply : 0.48 < 111.14 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 0/4 Fz < Vplz : 0.27 < 111.14 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.3 4/4 MyEd < MyRk : 0.19 < 10.76 kN*m (2 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 0/4 MzEd < MzRk : 0.29 < 10.76 kN*m (3 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.02699 < 1 (3 %)
Torsione (4.2.4.1.2.5)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 24.3 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.04 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.3 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.42 m λ_y = 0.536 Curva c α_y = 0.49 Φ_y = 0.73 χ_y = 0.823 Ncry = 1408.20 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.42 m λ_z = 0.536 Curva c α_z = 0.49 Φ_z = 0.73 χ_z = 0.823 Ncrz = 1408.20 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 1.970 C2 = 0.086 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 978.58 kN*m λ_{LT} = 0.107 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 ($\lvert \delta_x \rvert$ = 0.0 mm at x = 0.95 m) C_{mz0} = 1.00 ($\lvert \delta_x \rvert$ = 0.0 mm at x = 1.06 m) NcrT = 94031.30 kN λ_{max} = 0.54 λ_{-0} = 0.15 $\lambda_{-0limite}$ = 0.28 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 8.04 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.02 = 0.04 < 1.00 (4%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.01 + 0.03 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 25 ARCARECCIO

1) Sezione

Profilo	RHS80x5
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 7.5 r1 = 5.0
Sezioni(mm2)	Area = 1470.0 Avy = 735.0 Avz = 735.0
Momenti d'inerzia(mm4)	It = 2.17e+006 Iy = 1.37e+006 Iz = 1.37e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 41100 Wplz = 41100
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 261 : 1x[1 G]+1x[3 Q]+0.6x[7 tempo] L/5041 < L/500 (10 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 Fx < Npl : 1.04 < 385.00 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 Fy < Vply : 0.48 < 111.14 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 Fz < Vplz : 0.27 < 111.14 kN (0 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.1 0/4 MyEd < MyRk : 0.19 < 10.76 kN*m (2 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 MzEd < MzRk : 0.29 < 10.76 kN*m (3 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.02697 < 1 (3 %)
Torsione (4.2.4.1.2.5)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 25.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.04 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.42 m λ_y = 0.536 Curva c α_y = 0.49 Φ_y = 0.73 χ_y = 0.823 Ncry = 1408.20 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.42 m λ_z = 0.536 Curva c α_z = 0.49 Φ_z = 0.73 χ_z = 0.823 Ncrz = 1408.20 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 1.42 m Lds = 1.42 m C1 = 1.971 C2 = 0.086 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 978.98 kN*m λ_{LT} = 0.107 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.0 mm at x = 0.47 m) C_{mz0} = 1.00 (| δ_x | = 0.0 mm at x = 0.35 m) NcrT = 94031.30 kN λ_{max} = 0.54 λ_{-0} = 0.15 $\lambda_{-0limite}$ = 0.28 C_{my} = 1.00 C_{mz} = 1.00 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 8.04 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.20 w_z = 1.20 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.60 kzy = 0.60 kzz = 1.00
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.02 = 0.04 < 1.00 (4%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.01 + 0.03 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 27 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/753 < L/500 (66 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 27.1 0/4 Fx < Npl : 1.19 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 27.1 4/4 Fy < Vply : 1.33 < 105.85 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 27.1 0/4 Fz < Vplz : 1.34 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 27.1 4/4 MyEd < MyRk : 0.45 < 10.40 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 27.1 0/4 MzEd < MzRk : 0.19 < 10.40 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 27.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04356 < 1 (4 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 27.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.10 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 27.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.08 m λ_y = 0.411 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 0.892 Ncry = 2344.62 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.95 m λ_z = 0.362 Curva c α_z = 0.49 Φ_z = 0.61 χ_z = 0.917 Ncrz = 3014.04 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.098 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4002.68 kN*m λ_{LT} = 0.052 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.96 C_{mz0} = 0.80 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.96 C_{mz} = 0.80 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 21.98 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.96 kyz = 0.48 kzy = 0.58 kzz = 0.80
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.04 < 1.00 (4%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.03 + 0.00 = 0.03 < 1.00 (3%)

Scheda sezione - Elemento lineare no. 28 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 262 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.6x[7 tempo] L/847 < L/500 (59 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 28.1 0/4 Fx < Npl : 1.05 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 Fy < Vply : 1.33 < 105.85 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 0/4 Fz < Vplz : 1.30 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 MyEd < MyRk : 0.54 < 10.40 kN*m (5 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 MzEd < MzRk : 0.31 < 10.40 kN*m (3 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.05150 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.10 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.12 m λ_z = 0.428 Curva c α_z = 0.49 Φ_z = 0.65 χ_z = 1.000 Ncrz = 2160.03 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.261 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4610.75 kN*m λ_{LT} = 0.049 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.90 C_{mz0} = 0.75 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.22 C_{my} = 0.90 C_{mz} = 0.75 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.90 kyz = 0.45 kzy = 0.54 kzz = 0.75
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.03 + 0.01 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 29 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1054 < L/500 (47 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 Fx < Npl : 0.88 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 Fy < Vply : 0.30 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 0/4 Fz < Vplz : 0.95 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 MyEd < MyRk : 0.74 < 10.40 kN*m (7 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 MzEd < MzRk : 0.08 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.07156 < 1 (7 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.91 m λ_z = 0.346 Curva c α_z = 0.49 Φ_z = 0.60 χ_z = 1.000 Ncrz = 3299.70 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.124 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4107.25 kN*m λ_{LT} = 0.052 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.95 C_{mz0} = 0.69 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.95 C_{mz} = 0.69 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.95 kyz = 0.41 kzy = 0.57 kzz = 0.69
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.07 + 0.00 = 0.07 < 1.00 (7%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 30 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1643 < L/500 (30 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 Fx < Npl : 1.10 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 Fy < Vply : 0.30 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 30.1 0/4 Fz < Vplz : 0.89 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 MyEd < MyRk : 0.87 < 10.40 kN*m (8 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 MzEd < MzRk : 0.14 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}} < 1$ (6.12) : (NTC2018 - 4.2.43) : 0.08358 < 1 (8 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 0.19 m λ_y = 0.072 Curva - α_y = 0.00 Φ_y = 1.00 χ_y = 1.000 Ncry = 75888.09 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.19 m λ_z = 0.072 Curva - α_z = 0.00 Φ_z = 1.00 χ_z = 1.000 Ncrz = 75888.09 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.071 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3914.78 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.97 C_{mz0} = 0.82 NcrT = 96775.10 kN λ_{max} = 0.07 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.97 C_{mz} = 0.82 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.97 kyz = 0.49 kzy = 0.58 kzz = 0.82
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.08 + 0.00 = 0.09 < 1.00 (9%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.06 < 1.00 (6%)

Scheda sezione - Elemento lineare no. 31 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/4758 < L/500 (11 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 Fx < Npl : 1.24 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 Fy < Vply : 0.30 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 31.1 0/4 Fz < Vplz : 0.81 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 MyEd < MyRk : 0.93 < 10.40 kN*m (9 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 MzEd < MzRk : 0.19 < 10.40 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08954 < 1 (9 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.05 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.87 m λ_z = 0.333 Curva c α_z = 0.49 Φ_z = 0.59 χ_z = 1.000 Ncrz = 3574.86 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.032 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3771.31 kN*m λ_{LT} = 0.054 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.99 C_{mz0} = 0.90 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.20 C_{my} = 0.99 C_{mz} = 0.90 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.99 kyz = 0.54 kzy = 0.59 kzz = 0.90
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.09 + 0.01 = 0.10 < 1.00 (10%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.07 < 1.00 (7%)

Scheda sezione - Elemento lineare no. 32 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/4696 < L/500 (11 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4 Fx < Npl : 1.23 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 4/4 Fy < Vply : 0.31 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 32.1 4/4 Fz < Vplz : 0.81 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4 MyEd < MyRk : 0.93 < 10.40 kN*m (9 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4 MzEd < MzRk : 0.19 < 10.40 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08954 < 1 (9 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.05 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.87 m λ_z = 0.333 Curva c α_z = 0.49 Φ_z = 0.59 χ_z = 1.000 Ncrz = 3574.86 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.032 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3771.69 kN*m λ_{LT} = 0.054 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.99 C_{mz0} = 0.90 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.20 C_{my} = 0.99 C_{mz} = 0.90 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.99 kyz = 0.54 kzy = 0.59 kzz = 0.90
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.09 + 0.01 = 0.10 < 1.00 (10%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.07 < 1.00 (7%)

Scheda sezione - Elemento lineare no. 33 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1636 < L/500 (31 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4 Fx < Npl : 1.10 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 4/4 Fy < Vply : 0.31 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 33.1 4/4 Fz < Vplz : 0.89 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4 MyEd < MyRk : 0.87 < 10.40 kN*m (8 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4 MzEd < MzRk : 0.14 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08356 < 1 (8 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 0.19 m λ_y = 0.072 Curva - α_y = 0.00 Φ_y = 1.00 χ_y = 1.000 Ncry = 75888.09 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.19 m λ_z = 0.072 Curva - α_z = 0.00 Φ_z = 1.00 χ_z = 1.000 Ncrz = 75888.09 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.071 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3915.24 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.97 C_{mz0} = 0.82 NcrT = 96775.10 kN λ_{max} = 0.07 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.97 C_{mz} = 0.82 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.97 kyz = 0.49 kzy = 0.58 kzz = 0.82
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.08 + 0.00 = 0.09 < 1.00 (9%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.06 < 1.00 (6%)

Scheda sezione - Elemento lineare no. 34 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1051 < L/500 (48 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4 Fx < Npl : 0.88 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 4/4 Fy < Vply : 0.31 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 4/4 Fz < Vplz : 0.96 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4 MyEd < MyRk : 0.74 < 10.40 kN*m (7 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4 MzEd < MzRk : 0.08 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.07153 < 1 (7 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.91 m λ_z = 0.346 Curva c α_z = 0.49 Φ_z = 0.60 χ_z = 1.000 Ncrz = 3299.70 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.140 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4167.19 kN*m λ_{LT} = 0.051 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.95 C_{mz0} = 0.69 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.95 C_{mz} = 0.69 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.95 kyz = 0.41 kzy = 0.57 kzz = 0.69
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.07 + 0.00 = 0.07 < 1.00 (7%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 35 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 262 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.6x[7 tempo] L/846 < L/500 (59 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 35.1 4/4 Fx < Npl : 1.05 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 4/4 Fy < Vply : 1.34 < 105.85 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 4/4 Fz < Vplz : 1.30 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 0/4 MyEd < MyRk : 0.53 < 10.40 kN*m (5 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 0/4 MzEd < MzRk : 0.31 < 10.40 kN*m (3 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.05145 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.10 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.12 m λ_z = 0.428 Curva c α_z = 0.49 Φ_z = 0.65 χ_z = 1.000 Ncrz = 2160.03 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.262 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4612.65 kN*m λ_{LT} = 0.049 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.90 C_{mz0} = 0.74 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.22 C_{my} = 0.90 C_{mz} = 0.74 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.90 kyz = 0.45 kzy = 0.54 kzz = 0.74
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.03 + 0.01 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 36 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/752 < L/500 (67 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 36.1 4/4 Fx < Npl : 1.20 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 36.1 4/4 Fy < Vply : 1.34 < 105.85 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 36.1 4/4 Fz < Vplz : 1.34 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 36.1 0/4 MyEd < MyRk : 0.45 < 10.40 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 36.1 4/4 MzEd < MzRk : 0.19 < 10.40 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 36.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04356 < 1 (4 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 36.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.10 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 36.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.07 m λ_y = 0.410 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 0.892 Ncry = 2351.73 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.87 m λ_z = 0.333 Curva c α_z = 0.49 Φ_z = 0.59 χ_z = 0.932 Ncrz = 3574.86 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.098 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4015.25 kN*m λ_{LT} = 0.052 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.96 C_{mz0} = 0.80 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.96 C_{mz} = 0.80 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 21.84 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.96 kyz = 0.48 kzy = 0.58 kzz = 0.80
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.04 < 1.00 (4%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.03 + 0.00 = 0.03 < 1.00 (3%)

Scheda sezione - Elemento lineare no. 37 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/624 < L/500 (80 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 37.1 0/4 Fx < Npl : 0.99 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 37.1 4/4 Fy < Vply : 0.19 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 37.1 4/4 Fz < Vplz : 1.76 < 105.85 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 37.1 0/4 MyEd < MyRk : 0.52 < 10.40 kN*m (5 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 37.1 0/4 MzEd < MzRk : 0.02 < 10.40 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 37.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04986 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 37.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.008 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 37.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 0.81 m λ_y = 0.308 Curva c α_y = 0.49 Φ_y = 0.57 χ_y = 0.945 Ncry = 4184.73 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.67 m λ_z = 0.257 Curva c α_z = 0.49 Φ_z = 0.55 χ_z = 0.971 Ncrz = 6016.11 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.140 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4167.19 kN*m λ_{LT} = 0.051 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.95 C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.31 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.95 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 780.61 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.95 kyz = 0.47 kzy = 0.57 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.00 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.03 + 0.00 = 0.03 < 1.00 (3%)

Scheda sezione - Elemento lineare no. 38 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 262 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.6x[7 tempo] L/719 < L/500 (70 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 4/4 Fx < Npl : 1.42 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 38.1 4/4 Fy < Vply : 0.18 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 0/4 Fz < Vplz : 1.43 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 4/4 MyEd < MyRk : 0.73 < 10.40 kN*m (7 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 38.1 4/4 MzEd < MzRk : 0.05 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.06997 < 1 (7 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 38.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.01 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.07 m λ_y = 0.410 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 1.000 Ncry = 2351.73 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.84 m λ_z = 0.320 Curva c α_z = 0.49 Φ_z = 0.58 χ_z = 1.000 Ncrz = 3878.48 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.202 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4395.40 kN*m λ_{LT} = 0.050 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.92 C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.22 C_{my} = 0.92 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.92 kyz = 0.47 kzy = 0.55 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.06 + 0.00 = 0.07 < 1.00 (7%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 39 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1463 < L/500 (34 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 39.1 4/4 Fx < Npl : 1.73 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 39.1 4/4 Fy < Vply : 0.05 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 39.1 0/4 Fz < Vplz : 0.73 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 39.1 4/4 MyEd < MyRk : 1.00 < 10.40 kN*m (10 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 39.1 4/4 MzEd < MzRk : 0.01 < 10.40 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 39.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.09580 < 1 (10 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 39.1 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.002 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 39.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 0.19 m λ_y = 0.072 Curva - α_y = 0.00 Φ_y = 1.00 χ_y = 1.000 Ncry = 75888.09 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.19 m λ_z = 0.072 Curva - α_z = 0.00 Φ_z = 1.00 χ_z = 1.000 Ncrz = 75888.09 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.060 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3876.48 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.97 C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.07 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.97 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.97 kyz = 0.47 kzy = 0.58 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.09 + 0.00 = 0.10 < 1.00 (10%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.06 + 0.00 = 0.06 < 1.00 (6%)

Scheda sezione - Elemento lineare no. 40 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/924 < L/500 (54 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 0/4 Fx < Npl : 1.49 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 40.1 4/4 Fy < Vply : 0.06 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 4/4 Fz < Vplz : 1.11 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 0/4 MyEd < MyRk : 0.87 < 10.40 kN*m (8 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 40.1 4/4 MzEd < MzRk : 0.006 < 10.40 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08393 < 1 (8 %)
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: non eseguito (-)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.07 m λ_y = 0.410 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 1.000 Ncry = 2351.73 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.69 m λ_z = 0.265 Curva c α_z = 0.49 Φ_z = 0.55 χ_z = 1.000 Ncrz = 5621.66 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.122 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4100.76 kN*m λ_{LT} = 0.052 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.95 C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.95 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.95 kyz = 0.47 kzy = 0.57 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.08 + 0.00 = 0.08 < 1.00 (8%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.00 = 0.05 < 1.00 (5%)

Scheda sezione - Elemento lineare no. 41 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/625 < L/500 (80 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 41.1 4/4 Fx < Npl : 1.00 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 41.1 4/4 Fy < Vply : 0.19 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 41.1 0/4 Fz < Vplz : 1.75 < 105.85 kN (2 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 41.1 4/4 MyEd < MyRk : 0.52 < 10.40 kN*m (5 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 41.1 4/4 MzEd < MzRk : 0.02 < 10.40 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 41.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04985 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 41.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.008 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 41.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 0.83 m λ_y = 0.318 Curva c α_y = 0.49 Φ_y = 0.58 χ_y = 0.940 Ncry = 3924.51 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.72 m λ_z = 0.276 Curva c α_z = 0.49 Φ_z = 0.56 χ_z = 0.961 Ncrz = 5197.84 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.140 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4155.98 kN*m λ_{LT} = 0.051 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.95 C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.32 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.95 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 910.89 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.95 kyz = 0.47 kzy = 0.57 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.00 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.03 + 0.00 = 0.03 < 1.00 (3%)

Scheda sezione - Elemento lineare no. 42 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/4302 < L/500 (12 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 42.1 4/4 Fx < Npl : 1.84 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 42.1 4/4 Fy < Vply : 0.04 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 42.1 0/4 Fz < Vplz : 0.59 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 42.1 4/4 MyEd < MyRk : 1.03 < 10.40 kN*m (10 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 42.1 4/4 MzEd < MzRk : 0.02 < 10.40 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 42.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.09873 < 1 (10 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 42.1 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.006 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 42.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.07 m λ_y = 0.410 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 1.000 Ncry = 2351.73 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.67 m λ_z = 0.257 Curva c α_z = 0.49 Φ_z = 0.55 χ_z = 1.000 Ncrz = 6016.11 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.014 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3708.23 kN*m λ_{LT} = 0.054 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.0 mm at x = 0.09 m) C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.20 C_{my} = 1.00 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.47 kzy = 0.60 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.10 + 0.00 = 0.10 < 1.00 (10%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.06 + 0.00 = 0.06 < 1.00 (6%)

Scheda sezione - Elemento lineare no. 43 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/927 < L/500 (54 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 4/4 Fx < Npl : 1.48 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 43.1 4/4 Fy < Vply : 0.06 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 0/4 Fz < Vplz : 1.11 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 4/4 MyEd < MyRk : 0.87 < 10.40 kN*m (8 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 43.1 0/4 MzEd < MzRk : 0.006 < 10.40 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08395 < 1 (8 %)
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, Mx < Wt • $\frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: non eseguito (-)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.07 m λ_y = 0.410 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 1.000 Ncry = 2351.73 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.69 m λ_z = 0.265 Curva c α_z = 0.49 Φ_z = 0.55 χ_z = 1.000 Ncrz = 5621.66 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.122 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4100.32 kN*m λ_{LT} = 0.052 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.95 C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.95 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.95 kyz = 0.47 kzy = 0.57 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.08 + 0.00 = 0.08 < 1.00 (8%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.00 = 0.05 < 1.00 (5%)

Scheda sezione - Elemento lineare no. 44 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 262 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.6x[7 tempo] L/717 < L/500 (70 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 0/4 Fx < Npl : 1.43 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 44.1 4/4 Fy < Vply : 0.18 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 4/4 Fz < Vplz : 1.43 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 0/4 MyEd < MyRk : 0.73 < 10.40 kN*m (7 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 44.1 0/4 MzEd < MzRk : 0.05 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.07000 < 1 (7 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 44.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.01 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.07 m λ_y = 0.410 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 1.000 Ncry = 2351.73 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.84 m λ_z = 0.320 Curva c α_z = 0.49 Φ_z = 0.58 χ_z = 1.000 Ncrz = 3878.48 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.202 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4395.15 kN*m λ_{LT} = 0.050 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.92 C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.22 C_{my} = 0.92 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.92 kyz = 0.47 kzy = 0.55 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.06 + 0.00 = 0.07 < 1.00 (7%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 45 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/4248 < L/500 (12 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 45.1 0/4 Fx < Npl : 1.84 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 45.1 4/4 Fy < Vply : 0.04 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 45.1 4/4 Fz < Vplz : 0.59 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 45.1 0/4 MyEd < MyRk : 1.03 < 10.40 kN*m (10 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 45.1 0/4 MzEd < MzRk : 0.02 < 10.40 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 45.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.09873 < 1 (10 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 45.1 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.006 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 45.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.07 m λ_y = 0.410 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 1.000 Ncry = 2351.73 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.67 m λ_z = 0.257 Curva c α_z = 0.49 Φ_z = 0.55 χ_z = 1.000 Ncrz = 6016.11 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.015 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3708.48 kN*m λ_{LT} = 0.054 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 1.00 (| δ_x | = 0.0 mm at x = 0.09 m) C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.20 C_{my} = 1.00 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 1.00 kyz = 0.47 kzy = 0.60 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \leq 1.00$ 0.00 + 0.10 + 0.00 = 0.10 < 1.00 (10%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \leq 1.00$ 0.00 + 0.06 + 0.00 = 0.06 < 1.00 (6%)

Scheda sezione - Elemento lineare no. 46 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1456 < L/500 (34 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 46.1 0/4 Fx < Npl : 1.73 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 46.1 4/4 Fy < Vply : 0.05 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 46.1 4/4 Fz < Vplz : 0.73 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 46.1 0/4 MyEd < MyRk : 1.00 < 10.40 kN*m (10 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 46.1 0/4 MzEd < MzRk : 0.01 < 10.40 kN*m (0 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 46.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}} < 1$ (6.12) : (NTC2018 - 4.2.43) : 0.09579 < 1 (10 %)
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 46.1 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.002 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 46.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 0.19 m λ_y = 0.072 Curva - α_y = 0.00 Φ_y = 1.00 χ_y = 1.000 Ncry = 75888.09 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.19 m λ_z = 0.072 Curva - α_z = 0.00 Φ_z = 1.00 χ_z = 1.000 Ncrz = 75888.09 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.061 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3876.76 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.97 C_{mz0} = 0.79 NcrT = 96775.10 kN λ_{max} = 0.07 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.97 C_{mz} = 0.79 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.97 kyz = 0.47 kzy = 0.58 kzz = 0.79
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \leq 1.00$ 0.00 + 0.09 + 0.00 = 0.10 < 1.00 (10%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \leq 1.00$ 0.00 + 0.06 + 0.00 = 0.06 < 1.00 (6%)

Scheda sezione - Elemento lineare no. 47 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/752 < L/500 (67 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 47.1 4/4 Fx < Npl : 1.20 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 47.1 4/4 Fy < Vply : 1.34 < 105.85 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 47.1 4/4 Fz < Vplz : 1.34 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 47.1 0/4 MyEd < MyRk : 0.45 < 10.40 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 47.1 4/4 MzEd < MzRk : 0.19 < 10.40 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 47.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04356 < 1 (4 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 47.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.10 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 47.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.07 m λ_y = 0.410 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 1.000 Ncry = 2351.73 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.87 m λ_z = 0.333 Curva c α_z = 0.49 Φ_z = 0.59 χ_z = 1.000 Ncrz = 3574.86 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.064 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3890.37 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.97 C_{mz0} = 0.74 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.97 C_{mz} = 0.74 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.97 kyz = 0.45 kzy = 0.58 kzz = 0.74
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.01 = 0.03 < 1.00 (3%)

Scheda sezione - Elemento lineare no. 48 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 262 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.6x[7 tempo] L/848 < L/500 (59 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 48.1 0/4 Fx < Npl : 1.05 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4 Fy < Vply : 1.33 < 105.85 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 0/4 Fz < Vplz : 1.30 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4 MyEd < MyRk : 0.54 < 10.40 kN*m (5 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4 MzEd < MzRk : 0.31 < 10.40 kN*m (3 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.05150 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4 $Mx < Wt \cdot \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.10 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 48.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 0.808 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.12 m λ_z = 0.428 Curva c α_z = 0.49 Φ_z = 0.65 χ_z = 0.882 Ncrz = 2160.03 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.053 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3848.51 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.98 C_{mz0} = 0.81 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.98 C_{mz} = 0.81 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 33.32 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.98 kyz = 0.48 kzy = 0.59 kzz = 0.81
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.06 < 1.00 (6%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \cdot \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \cdot \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \cdot \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \cdot \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.03 + 0.01 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 49 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1643 < L/500 (30 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 Fx < Npl : 1.10 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 Fy < Vply : 0.30 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 49.1 0/4 Fz < Vplz : 0.89 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 MyEd < MyRk : 0.87 < 10.40 kN*m (8 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 MzEd < MzRk : 0.13 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08358 < 1 (8 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 0.19 m λ_y = 0.072 Curva - α_y = 0.00 Φ_y = 1.00 χ_y = 1.000 Ncry = 75888.09 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.19 m λ_z = 0.072 Curva - α_z = 0.00 Φ_z = 1.00 χ_z = 1.000 Ncrz = 75888.09 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.071 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3914.78 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.97 C_{mz0} = 0.82 NcrT = 96775.10 kN λ_{max} = 0.07 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.97 C_{mz} = 0.82 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.97 kyz = 0.49 kzy = 0.58 kzz = 0.82
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.08 + 0.00 = 0.09 < 1.00 (9%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.06 < 1.00 (6%)

Scheda sezione - Elemento lineare no. 50 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1051 < L/500 (48 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4 Fx < Npl : 0.88 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 4/4 Fy < Vply : 0.31 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 4/4 Fz < Vplz : 0.96 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4 MyEd < MyRk : 0.74 < 10.40 kN*m (7 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4 MzEd < MzRk : 0.08 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.07153 < 1 (7 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.91 m λ_z = 0.346 Curva c α_z = 0.49 Φ_z = 0.60 χ_z = 1.000 Ncrz = 3299.70 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.140 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4167.19 kN*m λ_{LT} = 0.051 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.95 C_{mz0} = 0.69 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.95 C_{mz} = 0.69 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.95 kyz = 0.41 kzy = 0.57 kzz = 0.69
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.07 + 0.00 = 0.07 < 1.00 (7%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 51 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/753 < L/500 (66 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 51.1 0/4 Fx < Npl : 1.19 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 51.1 4/4 Fy < Vply : 1.33 < 105.85 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 51.1 0/4 Fz < Vplz : 1.34 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 51.1 4/4 MyEd < MyRk : 0.45 < 10.40 kN*m (4 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 51.1 0/4 MzEd < MzRk : 0.19 < 10.40 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 51.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.04355 < 1 (4 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 51.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.10 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 51.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.08 m λ_y = 0.411 Curva c α_y = 0.49 Φ_y = 0.64 χ_y = 1.000 Ncry = 2344.62 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.95 m λ_z = 0.362 Curva c α_z = 0.49 Φ_z = 0.61 χ_z = 1.000 Ncrz = 3014.04 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.066 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3885.68 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.97 C_{mz0} = 0.74 NcrT = 96775.10 kN λ_{max} = 0.41 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.97 C_{mz} = 0.74 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.97 kyz = 0.45 kzy = 0.58 kzz = 0.74
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.05 < 1.00 (5%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.02 + 0.01 = 0.03 < 1.00 (3%)

Scheda sezione - Elemento lineare no. 52 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/4758 < L/500 (11 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 Fx < Npl : 1.24 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 Fy < Vply : 0.30 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 52.1 0/4 Fz < Vplz : 0.81 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 MyEd < MyRk : 0.93 < 10.40 kN*m (9 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 MzEd < MzRk : 0.19 < 10.40 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08954 < 1 (9 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.05 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.87 m λ_z = 0.333 Curva c α_z = 0.49 Φ_z = 0.59 χ_z = 1.000 Ncrz = 3574.86 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.032 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3771.31 kN*m λ_{LT} = 0.054 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.99 C_{mz0} = 0.90 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.20 C_{my} = 0.99 C_{mz} = 0.90 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.99 kyz = 0.54 kzy = 0.59 kzz = 0.90
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.09 + 0.01 = 0.10 < 1.00 (10%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.07 < 1.00 (7%)

Scheda sezione - Elemento lineare no. 53 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1054 < L/500 (47 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 Fx < Npl : 0.88 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 Fy < Vply : 0.30 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 0/4 Fz < Vplz : 0.95 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 MyEd < MyRk : 0.74 < 10.40 kN*m (7 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 MzEd < MzRk : 0.08 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.07156 < 1 (7 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.91 m λ_z = 0.346 Curva c α_z = 0.49 Φ_z = 0.60 χ_z = 1.000 Ncrz = 3299.70 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.124 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 4107.25 kN*m λ_{LT} = 0.052 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.95 C_{mz0} = 0.69 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.95 C_{mz} = 0.69 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.95 kyz = 0.41 kzy = 0.57 kzz = 0.69
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.07 + 0.00 = 0.07 < 1.00 (7%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.04 + 0.00 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 54 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 262 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.6x[7 tempo] L/846 < L/500 (59 %)

4) Resistenza sezioni

Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 54.1 4/4 Fx < Npl : 1.05 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 4/4 Fy < Vply : 1.34 < 105.85 kN (1 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 4/4 Fz < Vplz : 1.30 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 0/4 MyEd < MyRk : 0.53 < 10.40 kN*m (5 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 0/4 MzEd < MzRk : 0.31 < 10.40 kN*m (3 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.05145 < 1 (5 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.10 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 54.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 0.808 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 1.12 m λ_z = 0.428 Curva c α_z = 0.49 Φ_z = 0.65 χ_z = 0.882 Ncrz = 2160.03 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.053 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3848.58 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.98 C_{mz0} = 0.81 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.98 C_{mz} = 0.81 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 33.28 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.98 kyz = 0.48 kzy = 0.59 kzz = 0.81
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.06 < 1.00 (6%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.03 + 0.01 = 0.04 < 1.00 (4%)

Scheda sezione - Elemento lineare no. 55 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/4696 < L/500 (11 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4 Fx < Npl : 1.23 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 4/4 Fy < Vply : 0.31 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 55.1 4/4 Fz < Vplz : 0.81 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4 MyEd < MyRk : 0.93 < 10.40 kN*m (9 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4 MzEd < MzRk : 0.19 < 10.40 kN*m (2 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08953 < 1 (9 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.05 < 7.52 kN*m (1 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 1.47 m λ_y = 0.562 Curva c α_y = 0.49 Φ_y = 0.75 χ_y = 1.000 Ncry = 1253.56 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.87 m λ_z = 0.333 Curva c α_z = 0.49 Φ_z = 0.59 χ_z = 1.000 Ncrz = 3574.86 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.032 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3771.69 kN*m λ_{LT} = 0.054 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.99 C_{mz0} = 0.90 NcrT = 96775.10 kN λ_{max} = 0.56 λ_0 = 0.05 $\lambda_{0limite}$ = 0.20 C_{my} = 0.99 C_{mz} = 0.90 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.99 kyz = 0.54 kzy = 0.59 kzz = 0.90
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.09 + 0.01 = 0.10 < 1.00 (10%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.07 < 1.00 (7%)

Scheda sezione - Elemento lineare no. 56 trave curva

1) Sezione

Profilo	SHS80x5C
Dimensioni(mm)	h = 80.0 w = 80.0 Spessore = 5.0 r = 10.0 r1 = 5.0
Sezioni(mm2)	Area = 1440.0 Avy = 700.0 Avz = 700.0
Momenti d'inerzia(mm4)	It = 2.18e+006 Iy = 1.31e+006 Iz = 1.31e+006
Momenti d'inerzia(mm6)	Iw = 0
Moduli di resistenza(mm3)	Wply = 39700 Wplz = 39700
Materiale	S275 E = 2.1414e+006 kg/cm² Nu = 0.3 G = 823931 kg/cm²
Qualità	fy = 2804.22 kg/cm² fu = 4384.78 kg/cm²

2) Classificazione della sezione

Classe	Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

3) Frecce

1° criterio	Caso n° 260 : 1x[1 G]+1x[4 Cat. C2 (carico orizz. lineare aule univeristarie)] L/1636 < L/500 (31 %)

4) Resistenza sezioni

Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4 Fx < Npl : 1.10 < 377.14 kN (0 %)
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 4/4 Fy < Vply : 0.31 < 105.85 kN (0 %)
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 56.1 4/4 Fz < Vplz : 0.89 < 105.85 kN (1 %)
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4 MyEd < MyRk : 0.87 < 10.40 kN*m (8 %)
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4 MzEd < MzRk : 0.14 < 10.40 kN*m (1 %)
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4 $\frac{M_{Ed}}{M_{c,Rd}}$ < 1 (6.12) : (NTC2018 - 4.2.43) : 0.08356 < 1 (8 %)
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 4/4 $Mx < Wt \bullet \frac{\frac{Fy}{\sqrt{3}}}{\gamma_{M0}}$: 0.03 < 7.52 kN*m (0 %)

5) Stabilità elementi

Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4
Instabilità /yy (4.2.4.1.3.1)	Lfz = 0.19 m λ_y = 0.072 Curva - α_y = 0.00 Φ_y = 1.00 χ_y = 1.000 Ncry = 75888.09 kN
Instabilità /zz (4.2.4.1.3.1)	Lfy = 0.19 m λ_z = 0.072 Curva - α_z = 0.00 Φ_z = 1.00 χ_z = 1.000 Ncrz = 75888.09 kN
Instabilità flesso-torsionale (4.2.4.1.3.2)	Ldi = 0.19 m Lds = 0.19 m C1 = 1.071 C2 = 0.000 zg = 0.00 m kz = 1.000 kw = 1.000 Mcr = 3915.24 kN*m λ_{LT} = 0.053 Curva - α_{LT} = 1.00 Φ_{LT} = 1.00 χ_{LT} = 1.000
Termini ausiliari (Annessi A)	C_{my0} = 0.97 C_{mz0} = 0.82 NcrT = 96775.10 kN λ_{max} = 0.07 λ_0 = 0.05 $\lambda_{0limite}$ = 0.21 C_{my} = 0.97 C_{mz} = 0.82 C_{mLT} = 1.00 a_{LT} = 0.00 ε_y = 1.00 m_{uy} = 1.00 m_{uz} = 1.00 w_y = 1.21 w_z = 1.21 n_{pl} = 0.00 b_{LT} = 0.00 c_{LT} = 0.00 d_{LT} = 0.00 e_{LT} = 0.00 C_{yy} = 1.00 C_{yz} = 1.00 C_{zy} = 1.00 C_{zz} = 1.00
Coefficienti d'interazione (Annessi A)	kyy = 0.97 kyz = 0.49 kzy = 0.58 kzz = 0.82
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_y \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{yy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{yz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.08 + 0.00 = 0.09 < 1.00 (9%)
Verifica (4.2.4.1.3)	$\frac{N_{Ed}}{\chi_z \bullet \frac{N_{Rk}}{\gamma_{M1}}} + k_{zy} \bullet \frac{M_{y,Ed} + \Delta M_{y,Ed}}{\chi_{LT} \bullet \frac{M_{y,Rk}}{\gamma_{M1}}} + k_{zz} \bullet \frac{M_{z,Ed} + \Delta M_{z,Ed}}{\frac{M_{z,Rk}}{\gamma_{M1}}} \le 1.00$ 0.00 + 0.05 + 0.01 = 0.06 < 1.00 (6%)

Dettagli sulla sezione e sulla classificazione - 17 TRAVE

Sezione Profilo: HEA160

1) Resistenza sezioni

Dettagli sulla sezione e sulla classificazione - 17 TRAVE	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.2 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 17.3 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, non eseguito (-)
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 17.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 18 TRAVE	
Sezione Profilo: HEA160	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, non eseguito (-)
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 18.2 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 19 TRAVE	
Sezione Profilo: HEA160	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, non eseguito (-)
2) Stabilità elementi	
Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 19.1 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 20 TRAVE	
Sezione Profilo: HEA160	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.1 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.2 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.2 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 20.3 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, non eseguito (-)
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 20.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 21 TRAVE	
Sezione Profilo: HEA160	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.3 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.8 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.4 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.8 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.8 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 21.1 4/4 Torsione non verificata per questo tipo di sezione
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 21.8 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 22 TRAVE	
Sezione Profilo: HEA160	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.6 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.4 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.6 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.4 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.4 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 22.1 4/4 Torsione non verificata per questo tipo di sezione
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 22.3 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 23 TRAVE	
Sezione Profilo: HEA160	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.2 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.8 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.1 0/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.4 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.8 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.8 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 23.1 4/4 Torsione non verificata per questo tipo di sezione
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 23.8 4/4 Ala inferiore : Classe 1 Centro : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 5 MONTANTI	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.2 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 5.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 6 MONTANTI	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.2 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 6.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 7 MONTANTI	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 7.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 7.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 7.3 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 7.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 8 MONTANTI	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 8.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 248 : 1x[1 G]+1x[6 EY]+0.6x[3 Q], Mesh n° 8.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 8.5 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 8.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 9 MONTANTI	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.2 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 9.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 10 MONTANTI	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.5 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.2 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 10.3 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 11 CORRENTE ORIZZ	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.6 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 11.4 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.4 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.4 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.3 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 11.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 12 CORRENTE ORIZZ	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.2 2/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 12.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 12.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 13 CORRENTE ORIZZ	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.2 2/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 13.3 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 13.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 14 CORRENTE ORIZZ	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.2 2/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 14.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 14.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 15 CORRENTE ORIZZ	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.2 2/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 15.3 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 15.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 16 CORRENTE ORIZZ	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.6 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.6 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 16.4 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.4 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.4 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.2 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 16.6 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 1 ARCARECCIO	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 256 : 1x[1 G]-1x[5 EX], Mesh n° 1.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 1.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 1.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 1.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 2 ARCARECCIO	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.2 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 2.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 2.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 3 ARCARECCIO	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 3.3 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 3.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 4 ARCARECCIO	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 256 : 1x[1 G]-1x[5 EX], Mesh n° 4.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 4.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 4.3 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 4.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 24 ARCARECCIO	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 24.3 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 24.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 25 ARCARECCIO	
Sezione Profilo: RHS80x5	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.3 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 25.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 25.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 27 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 27.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 27.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 27.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 27.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 27.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 27.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 27.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 27.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 28 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 28.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 28.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 29 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 29.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 30 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 30.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 30.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 31 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 31.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 31.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 32 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 32.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 32.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 33 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 33.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 33.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 34 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 34.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 35 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 35.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 35.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 36 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 36.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 36.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 36.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 36.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 36.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 36.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 36.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 36.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 37 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 37.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 37.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 37.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 37.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 37.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 37.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 37.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 37.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 38 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 38.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 38.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 38.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 38.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 39 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 39.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 39.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 39.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 39.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 39.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 39.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 39.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 39.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 40 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 40.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 40.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, non eseguito (-)
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 40.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 41 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 41.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 41.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 41.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 41.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 41.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 41.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 41.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 41.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 42 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 42.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 42.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 42.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 42.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 42.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 42.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 42.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 42.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 43 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 43.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 43.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° -, Mesh n° -, non eseguito (-)
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 43.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 44 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 44.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 44.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 44.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 44.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 45 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 45.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 45.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 45.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 45.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 45.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 45.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 45.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 45.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 46 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 46.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 46.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 46.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 46.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 46.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 46.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 257 : 1x[1 G]-1x[6 EY], Mesh n° 46.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 46.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 47 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 47.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 47.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 47.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 47.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 47.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 47.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 47.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 47.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 48 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 48.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 48.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 48.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 49 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 49.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 49.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 50 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 50.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 51 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 51.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 51.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 51.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 51.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 51.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 51.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 51.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 246 : 1x[1 G]+1x[5 EX]+0.6x[3 Q], Mesh n° 51.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 52 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 52.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 52.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 53 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 196 : 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 53.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 54 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (4.2.4.1.2.1)	Caso n° 252 : 1x[1 G]-1x[5 EX]+0.6x[3 Q], Mesh n° 54.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 54.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 253 : 1x[1 G]-1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 54.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 55 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 55.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 55.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

Dettagli sulla sezione e sulla classificazione - 56 trave curva	
Sezione Profilo: SHS80x5C	
1) Resistenza sezioni	
Trazione Compressione (6.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione y (4.2.4.1.2.4)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Taglio in direzione z (4.2.4.1.2.4)	Caso n° 247 : 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)], Mesh n° 56.1 4/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /yy (4.2.4.1.2.3)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione /zz (4.2.4.1.2.3)	Caso n° 244 : 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Flessione deviata (4.2.4.1.2.8)	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1
Torsione (4.2.4.1.2.5)	Caso n° 245 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 4/4
2) Stabilità elementi	
Caso sfavorevole	Caso n° 197 : 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-], Mesh n° 56.1 0/4 Ala inferiore : Classe 1 Anima destra : Classe 1 Anima sinistra : Classe 1 Ala superiore : Classe 1 Sezione : Classe 1

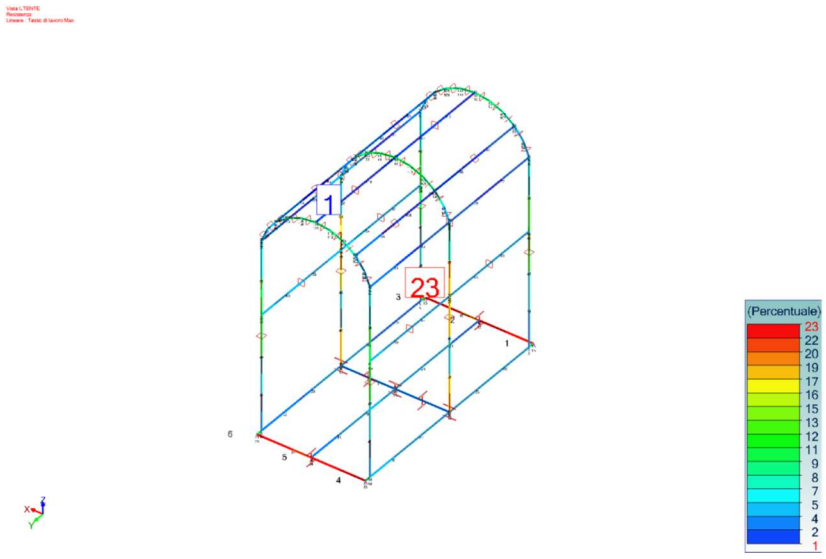
Tasso di lavoro massimo: per elemento

Id	*Nome*	*Sezione*	*Caso*	*Verificato*	*Xy* *Xz*	*XLT*	*Tasso di lavoro N (%)*	*Tasso di lavoro My (%)*	*Tasso di lavoro Mz (%)*	*Tasso di lavoro (%)*
1	ARCARECCIO	RHS80x5	244	6.61 6.62	0.82 0.82	1.00	0 0	0 0	1 2	1 2
2	ARCARECCIO	RHS80x5	244	6.61 6.62	0.82 0.82	1.00	0 0	2 1	1 2	4 4
3	ARCARECCIO	RHS80x5	244	6.61 6.62	0.82 0.82	1.00	0 0	2 1	1 2	4 4
4	ARCARECCIO	RHS80x5	244	6.61 6.62	0.82 0.82	1.00	0 0	0 0	1 2	1 2
5	MONTANTI	RHS80x5	245	6.61 6.62	0.23 0.50	1.00	2 1	10 6	1 1	12 8
6	MONTANTI	RHS80x5	245	6.61 6.62	0.42 0.50	1.00	1 1	10 6	1 1	11 8
7	MONTANTI	RHS80x5	197	6.61 6.62	1.00 1.00	1.00	0 0	17 10	0 0	17 10
8	MONTANTI	RHS80x5	197	6.61 6.62	1.00 1.00	1.00	0 0	17 10	0 0	17 10
9	MONTANTI	RHS80x5	197	6.61 6.62	0.37 0.50	1.00	1 1	10 6	1 1	11 8
10	MONTANTI	RHS80x5	197	6.61 6.62	0.19 0.50	1.00	2 1	10 6	1 1	12 8
11	CORRENTE ORIZZ	RHS80x5	244	6.61 6.62	1.00 1.00	1.00	0 0	1 0	2 4	3 4
12	CORRENTE ORIZZ	RHS80x5	197	6.61 6.62	0.71 0.72	1.00	0 0	4 2	1 1	5 4
13	CORRENTE ORIZZ	RHS80x5	197	6.61 6.62	0.71 0.72	1.00	0 0	4 2	1 1	5 4
14	CORRENTE ORIZZ	RHS80x5	197	6.61 6.62	0.71 0.72	1.00	0 0	4 2	1 1	5 4
15	CORRENTE ORIZZ	RHS80x5	197	6.61 6.62	0.71 0.72	1.00	0 0	4 2	1 1	5 4
16	CORRENTE ORIZZ	RHS80x5	244	6.61 6.62	1.00 1.00	1.00	0 0	1 0	2 4	3 4
17	TRAVE	HEA160	244	6.61 6.62	0.98 0.69	1.00	23 32	0 0	5 7	28 40
18	TRAVE	HEA160	244	6.61 6.62	1.00 1.00	1.00	1 1	3 1	0 0	4 3
19	TRAVE	HEA160	245	6.61 6.62	1.00 1.00	1.00	0 0	3 1	0 0	3 2
20	TRAVE	HEA160	244	6.61 6.62	0.98 0.89	1.00	23 25	0 0	6 8	29 33

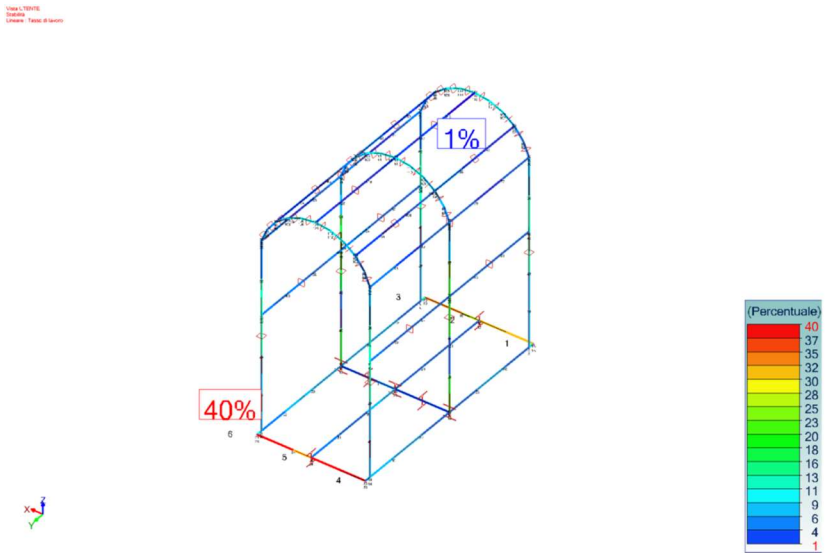
Tasso di lavoro massimo: per elemento										
Id	Nome	Sezione	Caso	Verificato	Xy Xz	XLT	Tasso di lavoro N (%)	Tasso di lavoro My (%)	Tasso di lavoro Mz (%)	Tasso di lavoro (%)
21	TRAVE	HEA160	244	6.61 6.62	0.87 0.62	1.00	2 2	0 0	6 9	8 12
22	TRAVE	HEA160	244	6.61 6.62	0.87 0.62	1.00	2 3	4 2	0 0	7 5
23	TRAVE	HEA160	244	6.61 6.62	0.87 0.62	1.00	2 2	0 0	7 9	8 12
24	ARCARECCIO	RHS80x5	244	6.61 6.62	0.82 0.82	1.00	0 0	2 1	2 3	4 4
25	ARCARECCIO	RHS80x5	244	6.61 6.62	0.82 0.82	1.00	0 0	2 1	2 3	4 4
27	trave curva	SHS80x5C	253	6.61 6.62	0.89 0.92	1.00	0 0	4 3	0 0	4 3
28	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	5 3	1 1	5 4
29	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	7 4	0 0	7 4
30	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	8 5	0 1	9 6
31	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	9 5	1 1	10 7
32	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	9 5	1 1	10 7
33	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	8 5	0 1	9 6
34	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	7 4	0 0	7 4
35	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	5 3	1 1	5 4
36	trave curva	SHS80x5C	253	6.61 6.62	0.89 0.93	1.00	0 0	4 3	0 0	4 3
37	trave curva	SHS80x5C	253	6.61 6.62	0.95 0.97	1.00	0 0	5 3	0 0	5 3
38	trave curva	SHS80x5C	245	6.61 6.62	1.00 1.00	1.00	0 0	6 4	0 0	7 4
39	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	9 6	0 0	10 6
40	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	8 5	0 0	8 5
41	trave curva	SHS80x5C	253	6.61 6.62	0.94 0.96	1.00	0 0	5 3	0 0	5 3
42	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	10 6	0 0	10 6
43	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	8 5	0 0	8 5
44	trave curva	SHS80x5C	245	6.61 6.62	1.00 1.00	1.00	0 0	6 4	0 0	7 4
45	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	10 6	0 0	10 6
46	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	9 6	0 0	10 6
47	trave curva	SHS80x5C	246	6.61 6.62	1.00 1.00	1.00	0 0	4 2	0 1	5 3
48	trave curva	SHS80x5C	253	6.61 6.62	0.81 0.88	1.00	0 0	5 3	1 1	6 4
49	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	8 5	0 1	9 6
50	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	7 4	0 0	7 4
51	trave curva	SHS80x5C	246	6.61 6.62	1.00 1.00	1.00	0 0	4 2	0 1	5 3
52	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	9 5	1 1	10 7
53	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	7 4	0 0	7 4
54	trave curva	SHS80x5C	253	6.61 6.62	0.81 0.88	1.00	0 0	5 3	1 1	6 4
55	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	9 5	1 1	10 7
56	trave curva	SHS80x5C	197	6.61 6.62	1.00 1.00	1.00	0 0	8 5	0 1	9 6

Frecce massime: per elemento								
Id	Nome	Sezione	Lunghezza L (m)	Frecce (ratio)	Frecce (mm)	Freccia(%)	Criterio	Caso
1	ARCARECCIO	RHS80x5	1.42	L/4339	0.3	12 %	1st	261
2	ARCARECCIO	RHS80x5	1.42	L/4766	0.3	10 %	1st	261
3	ARCARECCIO	RHS80x5	1.42	L/4770	0.3	10 %	1st	261
4	ARCARECCIO	RHS80x5	1.42	L/4341	0.3	12 %	1st	261
17	TRAVE	HEA160	1.40	L/10000	0.0	2 %	1st	261
18	TRAVE	HEA160	0.70	L/9919	0.0	5 %	1st	260
19	TRAVE	HEA160	0.70	L/9948	0.0	5 %	1st	260
20	TRAVE	HEA160	1.40	L/10000	0.0	1 %	1st	261
21	TRAVE	HEA160	3.00	L/6334	0.5	8 %	1st	259
22	TRAVE	HEA160	3.00	L/5633	0.5	9 %	1st	259
23	TRAVE	HEA160	3.00	L/6308	0.5	8 %	1st	259
24	ARCARECCIO	RHS80x5	1.42	L/5033	0.3	10 %	1st	261

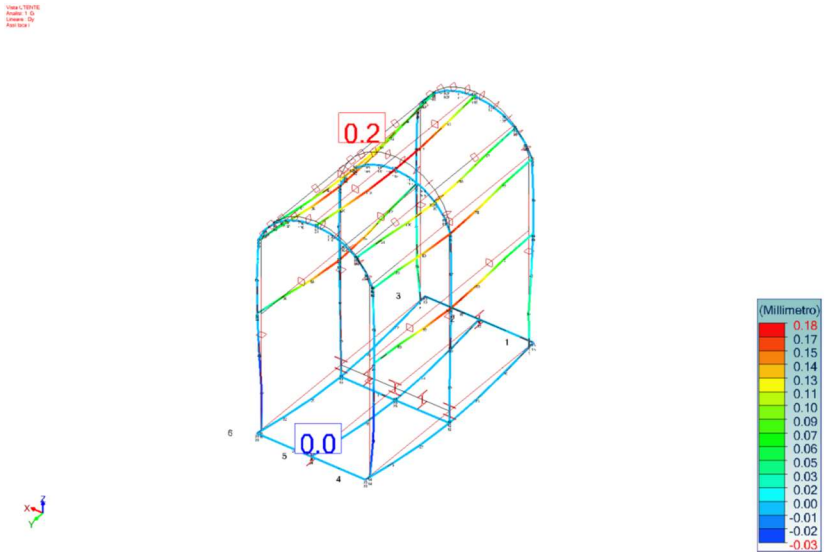
Frecce massime: per elemento								
Id	**Nome**	**Sezione**	**Lunghezza L (m)**	**Frecce (ratio)**	**Frecce (mm)**	**Freccia(%)**	**Criterio**	**Caso**
25	ARCARECCIO	RHS80x5	1.42	L/5041	0.3	10 %	1st	261
27	trave curva	SHS80x5C	0.19	L/753	0.3	66 %	1st	260
28	trave curva	SHS80x5C	0.19	L/847	0.2	59 %	1st	262
29	trave curva	SHS80x5C	0.19	L/1054	0.2	47 %	1st	260
30	trave curva	SHS80x5C	0.19	L/1643	0.1	30 %	1st	260
31	trave curva	SHS80x5C	0.19	L/4758	0.0	11 %	1st	260
32	trave curva	SHS80x5C	0.19	L/4696	0.0	11 %	1st	260
33	trave curva	SHS80x5C	0.19	L/1636	0.1	31 %	1st	260
34	trave curva	SHS80x5C	0.19	L/1051	0.2	48 %	1st	260
35	trave curva	SHS80x5C	0.19	L/846	0.2	59 %	1st	262
36	trave curva	SHS80x5C	0.19	L/752	0.3	67 %	1st	260
37	trave curva	SHS80x5C	0.19	L/624	0.3	80 %	1st	260
38	trave curva	SHS80x5C	0.19	L/719	0.3	70 %	1st	262
39	trave curva	SHS80x5C	0.19	L/1463	0.1	34 %	1st	260
40	trave curva	SHS80x5C	0.19	L/924	0.2	54 %	1st	260
41	trave curva	SHS80x5C	0.19	L/625	0.3	80 %	1st	260
42	trave curva	SHS80x5C	0.19	L/4302	0.0	12 %	1st	260
43	trave curva	SHS80x5C	0.19	L/927	0.2	54 %	1st	260
44	trave curva	SHS80x5C	0.19	L/717	0.3	70 %	1st	262
45	trave curva	SHS80x5C	0.19	L/4248	0.0	12 %	1st	260
46	trave curva	SHS80x5C	0.19	L/1456	0.1	34 %	1st	260
47	trave curva	SHS80x5C	0.19	L/752	0.3	67 %	1st	260
48	trave curva	SHS80x5C	0.19	L/848	0.2	59 %	1st	262
49	trave curva	SHS80x5C	0.19	L/1643	0.1	30 %	1st	260
50	trave curva	SHS80x5C	0.19	L/1051	0.2	48 %	1st	260
51	trave curva	SHS80x5C	0.19	L/753	0.3	66 %	1st	260
52	trave curva	SHS80x5C	0.19	L/4758	0.0	11 %	1st	260
53	trave curva	SHS80x5C	0.19	L/1054	0.2	47 %	1st	260
54	trave curva	SHS80x5C	0.19	L/846	0.2	59 %	1st	262
55	trave curva	SHS80x5C	0.19	L/4696	0.0	11 %	1st	260
56	trave curva	SHS80x5C	0.19	L/1636	0.1	31 %	1st	260



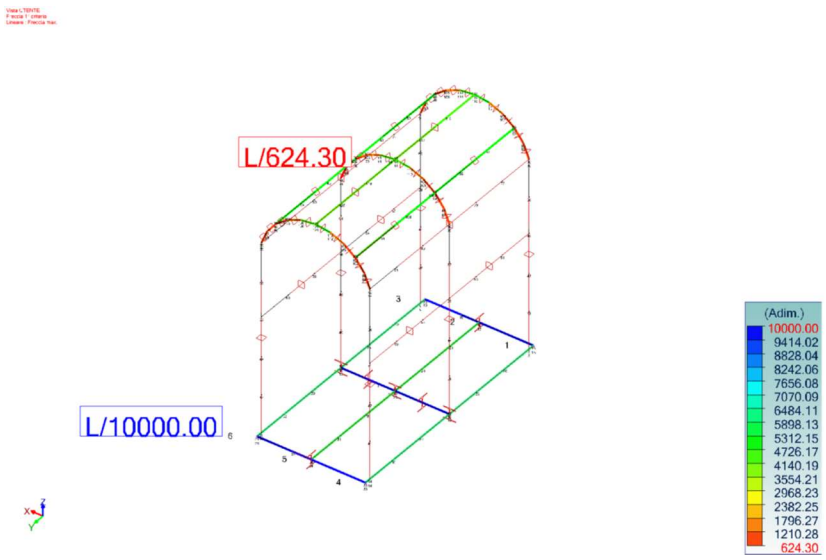
1 Resistenza Tasso di lavoro Max



2 Stabilità Tasso di lavoro



3 Spostamenti Dy - 1



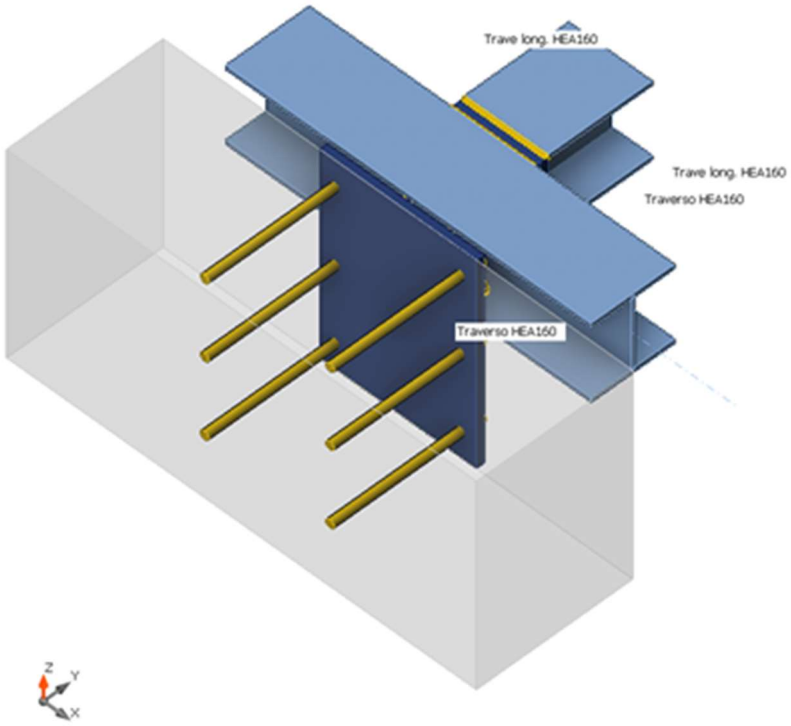
4 Freccia 1° criterio Freccia max.

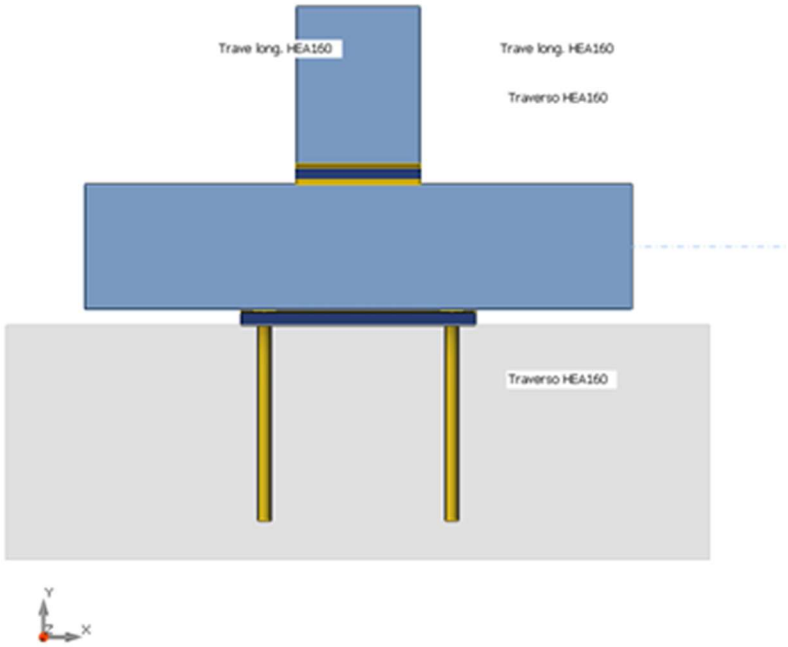
Geometria

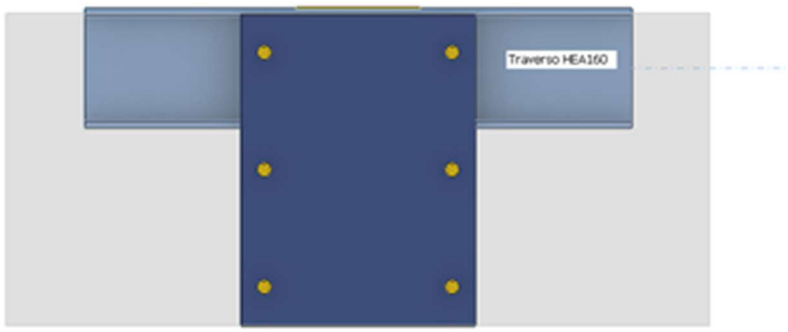
Nome	Sezione	β – Direzione [°]	γ - Pendenza [°]	α - Rotazione [°]	Offset ex [mm]	Offset ey [mm]	Offset ez [mm]
Traverso HEA160	81619 - HEA160	-180,0	0,0	0,0	0	0	0
Trave long. HEA160	81619 - HEA160	-90,0	0,0	0,0	0	0	0

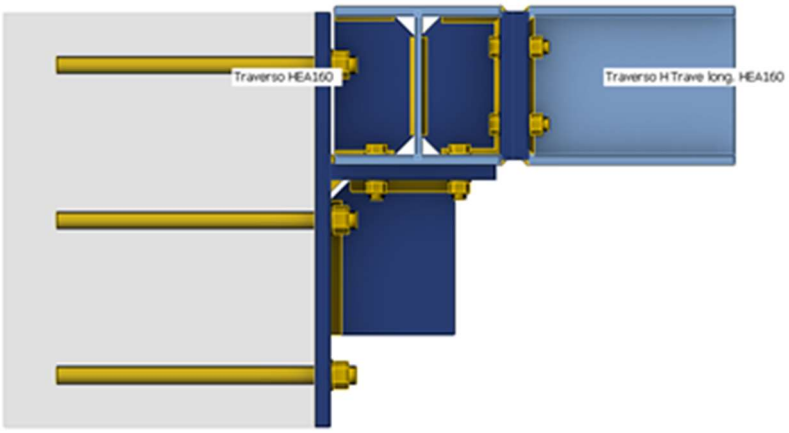
Vincoli e forze

Nome	Appoggio	Forze in	X [mm]
Traverso HEA160 / inizio		Posizione	0
Traverso HEA160 / fine		Posizione	0
Trave long. HEA160 / inizio		Posizione	0




Trave long. HEA160
Trave long. HEA160
Traverso HEA160
Traverso HEA160


Traverso HEA160

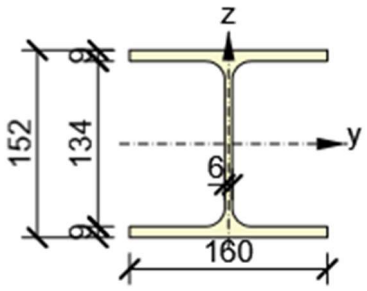




Sezioni

Nome	Materiale
81619 - HEA160	S275

Sezioni

Nome	Materiale	Disegno
81619 - HEA160	S275	

Ancoraggi / Bulloni

Nome	Diametro [mm]	f_y [MPa]	f_u [MPa]	Superficie lorda [mm^2]
M12 8.8	12	640,0	800,0	113
M16 8.8	16	640,0	800,0	201

Effetti del carico (forze in equilibrio)

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]

102 - 1.3x[1 G]+1.5x[3 Q]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
104 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
105 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
106 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
108 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
110 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
112 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
114 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3

116 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
118 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
120 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
122 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
123 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
124 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
125 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
126 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1

127 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
128 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
129 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
130 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
131 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
132 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
133 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
134 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1

135 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
136 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
137 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
138 - 1.3x[1 G]+1.5x[3 Q]+0.75x[2 NN]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
140 - 1.3x[1 G]+1.5x[3 Q]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
142 - 1.3x[1 G]+1.5x[3 Q]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
144 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[2 NN]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
145 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[2 NN]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2

146 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
147 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
148 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
149 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
150 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[2 NN]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
152 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[2 NN]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
154 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[2 NN]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
156 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[2 NN]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3

158 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[2 NN]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
160 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[2 NN]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
162 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[2 NN]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
164 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[2 NN]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
166 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
168 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
170 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
172 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3

174 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
176 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
178 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
180 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
182 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
184 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
186 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
188 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3

190 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
192 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
194 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
196 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	4,9	-1,5	-0,3	0,0	0,0	0,1
	Traverso HEA160 / Fine	-4,9	1,5	0,3	0,0	0,0	-0,1
	Trave long. HEA160 / Inizio	-1,8	-0,7	-4,5	0,0	0,0	0,3
198 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[2 NN]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
199 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[2 NN]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
200 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[2 NN]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
201 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[2 NN]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2

202 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[2 NN]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
203 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[2 NN]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
204 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[2 NN]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
205 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[2 NN]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
206 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[2 NN]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
207 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[2 NN]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
208 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[2 NN]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
209 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[2 NN]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2

210 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[2 NN]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
211 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[2 NN]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
212 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[2 NN]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
213 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[2 NN]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
214 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
215 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
216 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
217 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2

218 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
219 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
220 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
221 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
222 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
223 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
224 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
225 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2

226 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
227 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
228 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
229 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
230 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
231 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
232 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
233 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2

234 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
235 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
236 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
237 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
238 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
239 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
240 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
241 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2

242 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
243 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	234,5	-6,0	0,0	0,0	0,0	-0,7
	Traverso HEA160 / Fine	-234,5	6,0	0,0	0,0	0,0	0,7
	Trave long. HEA160 / Inizio	-24,7	-0,1	-4,6	0,0	0,0	0,1
245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	Traverso HEA160 / Inizio	229,8	-4,7	0,4	0,0	-0,1	-0,8
	Traverso HEA160 / Fine	-229,8	4,7	-0,4	0,0	0,1	0,8
	Trave long. HEA160 / Inizio	-23,3	0,6	-0,8	0,0	0,0	-0,2
246 - 1x[1 G]+1x[5 EX]+0.6x[3 Q]	Traverso HEA160 / Inizio	2,0	-0,6	-0,4	0,0	-0,1	0,1
	Traverso HEA160 / Fine	-2,0	0,6	0,4	0,0	0,1	-0,1
	Trave long. HEA160 / Inizio	-0,8	-0,3	-2,2	0,0	0,0	0,1
247 - 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]	Traverso HEA160 / Inizio	0,2	-0,1	-0,2	0,0	-0,1	0,0
	Traverso HEA160 / Fine	-0,2	0,1	0,2	0,0	0,1	0,0
	Trave long. HEA160 / Inizio	-0,2	-0,1	-0,7	0,0	0,0	0,0
252 - 1x[1 G]-1x[5 EX]+0.6x[3 Q]	Traverso HEA160 / Inizio	2,2	-0,6	0,1	0,0	0,1	0,1
	Traverso HEA160 / Fine	-2,2	0,6	-0,1	0,0	-0,1	-0,1
	Trave long. HEA160 / Inizio	-0,8	-0,3	-2,2	0,0	0,0	0,1

Forze non equilibrate

Nome	X [kN]	Y [kN]	Z [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
102 - 1.3x[1 G]+1.5x[3 Q]	-0,7	1,8	-4,5	0,0	0,0	0,3
104 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]	-0,1	24,7	-4,6	0,0	0,0	0,1

105 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]	0,6	23,3	-0,8	0,0	0,0	-0,2
106 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]	-0,7	1,8	-4,5	0,0	0,0	0,3
108 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]	-0,7	1,8	-4,5	0,0	0,0	0,3
110 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]	-0,7	1,8	-4,5	0,0	0,0	0,3
112 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]	-0,7	1,8	-4,5	0,0	0,0	0,3
114 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]	-0,7	1,8	-4,5	0,0	0,0	0,3
116 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]	-0,7	1,8	-4,5	0,0	0,0	0,3
118 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]	-0,7	1,8	-4,5	0,0	0,0	0,3
120 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]	-0,7	1,8	-4,5	0,0	0,0	0,3
122 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]	-0,1	24,7	-4,6	0,0	0,0	0,1
123 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]	0,6	23,3	-0,8	0,0	0,0	-0,2
124 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]	-0,1	24,7	-4,6	0,0	0,0	0,1
125 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]	0,6	23,3	-0,8	0,0	0,0	-0,2
126 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]	-0,1	24,7	-4,6	0,0	0,0	0,1
127 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]	0,6	23,3	-0,8	0,0	0,0	-0,2
128 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]	-0,1	24,7	-4,6	0,0	0,0	0,1
129 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]	0,6	23,3	-0,8	0,0	0,0	-0,2
130 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]	-0,1	24,7	-4,6	0,0	0,0	0,1
131 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]	0,6	23,3	-0,8	0,0	0,0	-0,2
132 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]	-0,1	24,7	-4,6	0,0	0,0	0,1
133 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]	0,6	23,3	-0,8	0,0	0,0	-0,2
134 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]	-0,1	24,7	-4,6	0,0	0,0	0,1
135 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]	0,6	23,3	-0,8	0,0	0,0	-0,2
136 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]	-0,1	24,7	-4,6	0,0	0,0	0,1
137 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]	0,6	23,3	-0,8	0,0	0,0	-0,2
138 - 1.3x[1 G]+1.5x[3 Q]+0.75x[2 NN]	-0,7	1,8	-4,5	0,0	0,0	0,3
140 - 1.3x[1 G]+1.5x[3 Q]+0.75x[8 AccuNeveX+]	-0,7	1,8	-4,5	0,0	0,0	0,3
142 - 1.3x[1 G]+1.5x[3 Q]+0.75x[9 AccuNeveX-]	-0,7	1,8	-4,5	0,0	0,0	0,3
144 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[2 NN]	-0,1	24,7	-4,6	0,0	0,0	0,1
145 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[2 NN]	0,6	23,3	-0,8	0,0	0,0	-0,2
146 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[8 AccuNeveX+]	-0,1	24,7	-4,6	0,0	0,0	0,1
147 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[8 AccuNeveX+]	0,6	23,3	-0,8	0,0	0,0	-0,2
148 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[9 AccuNeveX-]	-0,1	24,7	-4,6	0,0	0,0	0,1
149 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[9 AccuNeveX-]	0,6	23,3	-0,8	0,0	0,0	-0,2
150 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[2 NN]	-0,7	1,8	-4,5	0,0	0,0	0,3
152 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[2 NN]	-0,7	1,8	-4,5	0,0	0,0	0,3
154 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[2 NN]	-0,7	1,8	-4,5	0,0	0,0	0,3
156 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[2 NN]	-0,7	1,8	-4,5	0,0	0,0	0,3
158 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[2 NN]	-0,7	1,8	-4,5	0,0	0,0	0,3
160 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[2 NN]	-0,7	1,8	-4,5	0,0	0,0	0,3
162 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[2 NN]	-0,7	1,8	-4,5	0,0	0,0	0,3
164 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[2 NN]	-0,7	1,8	-4,5	0,0	0,0	0,3
166 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	-0,7	1,8	-4,5	0,0	0,0	0,3
168 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	-0,7	1,8	-4,5	0,0	0,0	0,3
170 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	-0,7	1,8	-4,5	0,0	0,0	0,3
172 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	-0,7	1,8	-4,5	0,0	0,0	0,3
174 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	-0,7	1,8	-4,5	0,0	0,0	0,3
176 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	-0,7	1,8	-4,5	0,0	0,0	0,3
178 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	-0,7	1,8	-4,5	0,0	0,0	0,3
180 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	-0,7	1,8	-4,5	0,0	0,0	0,3

182 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	-0,7	1,8	-4,5	0,0	0,0	0,3
184 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	-0,7	1,8	-4,5	0,0	0,0	0,3
186 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	-0,7	1,8	-4,5	0,0	0,0	0,3
188 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	-0,7	1,8	-4,5	0,0	0,0	0,3
190 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	-0,7	1,8	-4,5	0,0	0,0	0,3
192 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	-0,7	1,8	-4,5	0,0	0,0	0,3
194 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	-0,7	1,8	-4,5	0,0	0,0	0,3
196 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	-0,7	1,8	-4,5	0,0	0,0	0,3
198 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[2 NN]	-0,1	24,7	-4,6	0,0	0,0	0,1
199 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[2 NN]	0,6	23,3	-0,8	0,0	0,0	-0,2
200 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[2 NN]	-0,1	24,7	-4,6	0,0	0,0	0,1
201 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[2 NN]	0,6	23,3	-0,8	0,0	0,0	-0,2
202 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[2 NN]	-0,1	24,7	-4,6	0,0	0,0	0,1
203 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[2 NN]	0,6	23,3	-0,8	0,0	0,0	-0,2
204 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[2 NN]	-0,1	24,7	-4,6	0,0	0,0	0,1
205 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[2 NN]	0,6	23,3	-0,8	0,0	0,0	-0,2
206 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[2 NN]	-0,1	24,7	-4,6	0,0	0,0	0,1
207 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[2 NN]	0,6	23,3	-0,8	0,0	0,0	-0,2
208 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[2 NN]	-0,1	24,7	-4,6	0,0	0,0	0,1
209 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[2 NN]	0,6	23,3	-0,8	0,0	0,0	-0,2
210 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[2 NN]	-0,1	24,7	-4,6	0,0	0,0	0,1
211 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[2 NN]	0,6	23,3	-0,8	0,0	0,0	-0,2
212 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[2 NN]	-0,1	24,7	-4,6	0,0	0,0	0,1
213 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[2 NN]	0,6	23,3	-0,8	0,0	0,0	-0,2
214 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	-0,1	24,7	-4,6	0,0	0,0	0,1
215 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	0,6	23,3	-0,8	0,0	0,0	-0,2
216 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	-0,1	24,7	-4,6	0,0	0,0	0,1
217 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	0,6	23,3	-0,8	0,0	0,0	-0,2
218 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	-0,1	24,7	-4,6	0,0	0,0	0,1
219 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	0,6	23,3	-0,8	0,0	0,0	-0,2
220 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	-0,1	24,7	-4,6	0,0	0,0	0,1
221 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	0,6	23,3	-0,8	0,0	0,0	-0,2
222 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	-0,1	24,7	-4,6	0,0	0,0	0,1
223 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	0,6	23,3	-0,8	0,0	0,0	-0,2
224 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	-0,1	24,7	-4,6	0,0	0,0	0,1
225 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	0,6	23,3	-0,8	0,0	0,0	-0,2
226 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	-0,1	24,7	-4,6	0,0	0,0	0,1
227 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	0,6	23,3	-0,8	0,0	0,0	-0,2
228 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	-0,1	24,7	-4,6	0,0	0,0	0,1

229 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	0,6	23,3	-0,8	0,0	0,0	-0,2
230 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	-0,1	24,7	-4,6	0,0	0,0	0,1
231 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	0,6	23,3	-0,8	0,0	0,0	-0,2
232 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	-0,1	24,7	-4,6	0,0	0,0	0,1
233 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	0,6	23,3	-0,8	0,0	0,0	-0,2
234 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	-0,1	24,7	-4,6	0,0	0,0	0,1
235 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	0,6	23,3	-0,8	0,0	0,0	-0,2
236 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	-0,1	24,7	-4,6	0,0	0,0	0,1
237 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	0,6	23,3	-0,8	0,0	0,0	-0,2
238 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	-0,1	24,7	-4,6	0,0	0,0	0,1
239 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	0,6	23,3	-0,8	0,0	0,0	-0,2
240 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	-0,1	24,7	-4,6	0,0	0,0	0,1
241 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	0,6	23,3	-0,8	0,0	0,0	-0,2
242 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	-0,1	24,7	-4,6	0,0	0,0	0,1
243 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	0,6	23,3	-0,8	0,0	0,0	-0,2
244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	-0,1	24,7	-4,6	0,0	0,0	0,1
245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	0,6	23,3	-0,8	0,0	0,0	-0,2
246 - 1x[1 G]+1x[5 EX]+0.6x[3 Q]	-0,3	0,8	-2,2	0,0	0,0	0,1
247 - 1x[1 G]+1x[5 EX]+0.6x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]	-0,1	0,2	-0,7	0,0	0,0	0,0
252 - 1x[1 G]-1x[5 EX]+0.6x[3 Q]	-0,3	0,8	-2,2	0,0	0,0	0,1

Blocco di fondazione

Elemento	Valore	Unità
CB 1		
Dimensioni	900 x 400	mm
Altezza	300	mm
Ancoraggio	M16 8.8	
Lunghezza di ancoraggio	250	mm
Trasferimento dello sforzo di taglio	Ancoraggi	

Verifica

Riassunto

Nome	Valore	Verifica Stato
Analisi	100,0%	OK
Piastre	0,0 < 5,0%	OK
Bulloni	31,5 < 100%	OK
Ancoraggi	43,8 < 100%	OK
Saldature	51,9 < 100%	OK
Blocco di calcestruzzo	18,7 < 100%	OK

Stabilità	Non calcolato	

Piastre

Nome	t_p [mm]	Carichi	σ_{Ed} [MPa]	ε_{Pl} [%]	$\sigma_{c,Ed}$ [MPa]	Stato
Traverso HEA160-bfl 1	9,0	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	222,4	0,0	8,8	OK
Traverso HEA160-tfl 1	9,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	96,7	0,0	0,0	OK
Traverso HEA160-w 1	6,0	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	99,2	0,0	0,0	OK
Trave long. HEA160-bfl 1	9,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	43,1	0,0	0,0	OK
Trave long. HEA160-tfl 1	9,0	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	31,6	0,0	0,0	OK
Trave long. HEA160-w 1	6,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	26,1	0,0	0,0	OK
SEP1a	12,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	137,2	0,0	14,8	OK
SEP1b	15,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	76,3	0,0	14,8	OK
IRR	10,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	48,3	0,0	0,0	OK
IRR1	10,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	25,2	0,0	0,0	OK
SP1	15,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	112,4	0,0	12,3	OK
SP2	15,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	94,7	0,0	0,0	OK
SP3	15,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	155,3	0,0	0,0	OK

Dati Progetto

Materiale	f_y [MPa]	ε_{lim} [%]
S275	275,0	5,0

Risultati dettagliati per Traverso HEA160-bfl 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

$f_{yk} =$ 275,0 MPa – tensione di snervamento caratteristica

$\gamma_{M0} =$ 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per Traverso HEA160-tfl 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

$f_{yk} =$ 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per Traverso HEA160-w 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per Trave long. HEA160-bfl 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per Trave long. HEA160-tfl 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per Trave long. HEA160-w 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per SEP1a

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per SEP1b

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

$f_{yk} =$ 275,0 MPa – tensione di snervamento caratteristica

$\gamma_{M0} =$ 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per IRR

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

$f_{yk} =$ 275,0 MPa – tensione di snervamento caratteristica

$\gamma_{M0} =$ 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per IRR1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

$f_{yk} =$ 275,0 MPa – tensione di snervamento caratteristica

$\gamma_{M0} =$ 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per SP1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

$f_{yk} =$ 275,0 MPa – tensione di snervamento caratteristica

$\gamma_{M0} =$ 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per SP2

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

$f_{yk} =$ 275,0 MPa – tensione di snervamento caratteristica

$\gamma_{M0} =$ 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per SP3

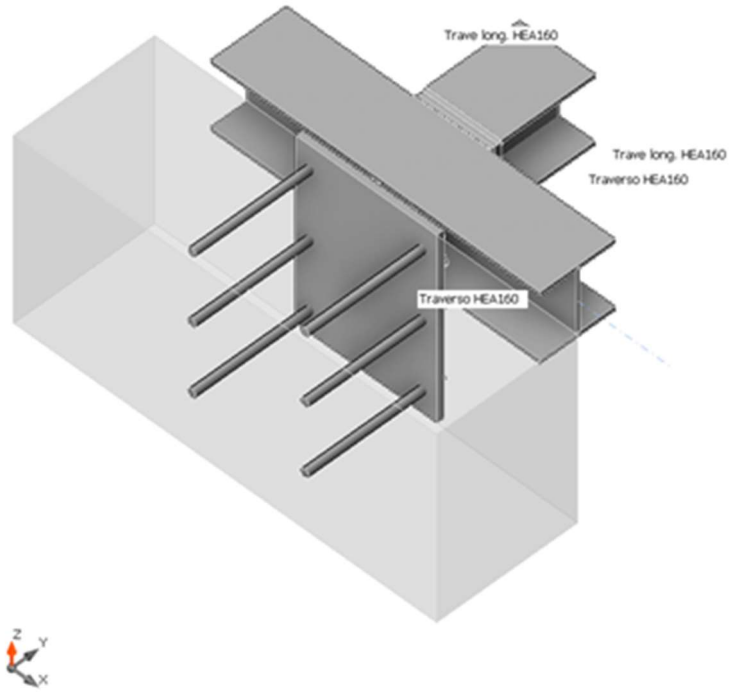
Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

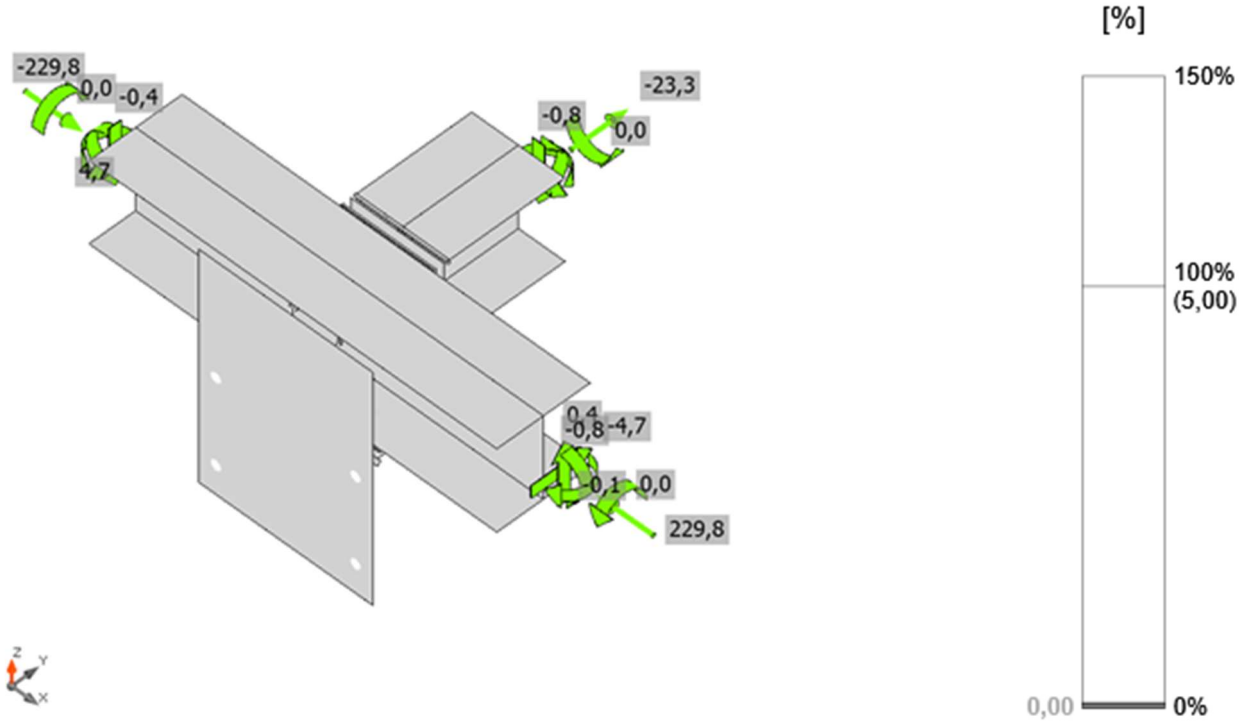
Dove:

$f_{yk} =$ 275,0 MPa – tensione di snervamento caratteristica

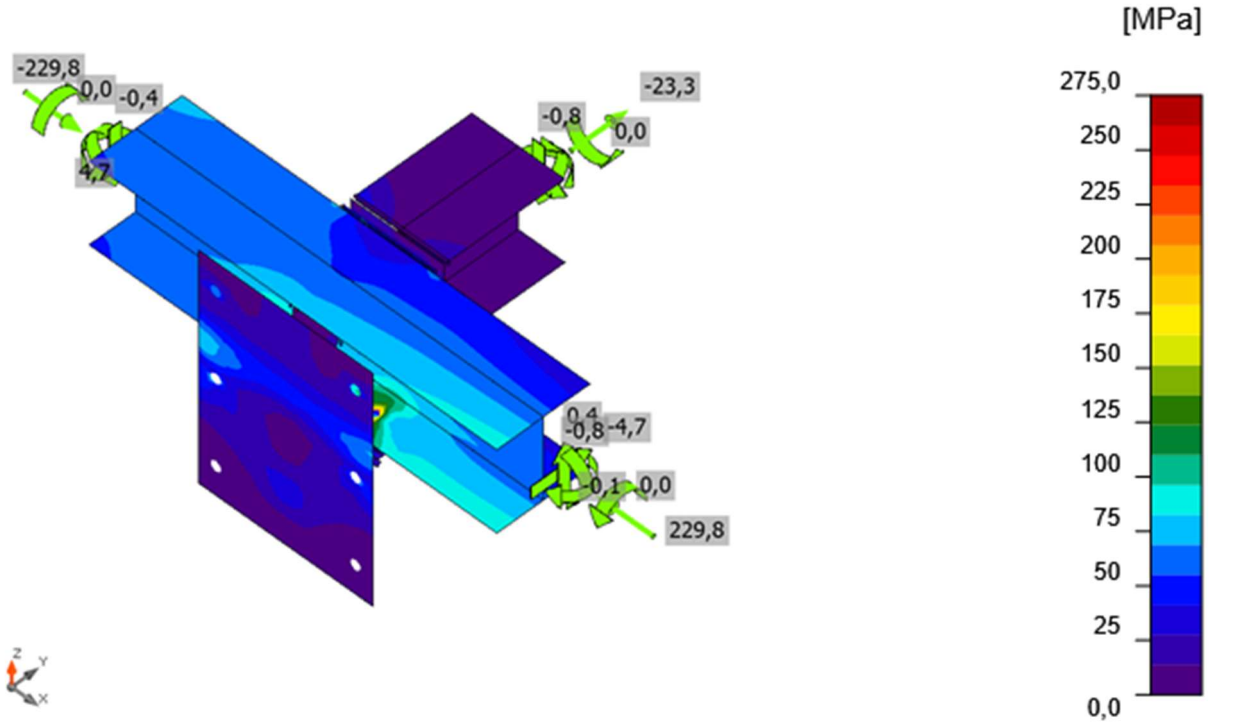
$\gamma_{M0} =$ 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1



Verifica globale, 245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]



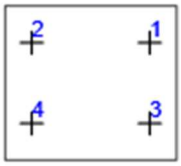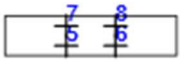
Verifica deformazione, 245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]



Sforzo equivalente, 245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]

Bulloni

Forma	Elemento	Classe	Carichi	$F_{t,Ed}$ [kN]	$F_{v,Ed}$ [kN]	$F_{b,Rd}$ [kN]	Ut_t [%]	Ut_s [%]	Ut_{ts} [%]	Dettagli costruttivi	Stato

	B1	M12 8.8 - 1	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x [7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	7,7	0,3	123,8	15,8	0,8	12,1	OK	OK
	B2	M12 8.8 - 1	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x [7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	6,3	0,3	81,0	13,0	1,0	10,3	OK	OK
	B3	M12 8.8 - 1	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	10,8	1,2	108,0	22,2	3,8	19,7	OK	OK
	B4	M12 8.8 - 1	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	11,0	1,0	108,0	22,7	3,0	19,3	OK	OK
	B5	M12 8.8 - 2	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	2,6	6,1	92,9	5,3	18,8	22,6	OK	OK
	B6	M12 8.8 - 2	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x [7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	2,8	6,1	92,9	5,7	18,7	22,8	OK	OK
	B7	M12 8.8 - 2	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	7,3	6,7	92,9	15,0	20,7	31,5	OK	OK
	B8	M12 8.8 - 2	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x [7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	7,5	6,6	92,9	15,4	20,5	31,5	OK	OK

Dati Progetto

Classe	$F_{t,Rd}$ [kN]	$B_{p,Rd}$ [kN]	$F_{v,Rd}$ [kN]
M12 8.8 - 1	48,6	148,0	32,4
M12 8.8 - 2	48,6	111,0	32,4

Risultati dettagliati per B1

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2 f_{ub} A_s}{\gamma_{M2}} =$ 48,6 kN ≥ $F_{t,Ed} =$ 7,7 kN

Dove:

$k_2 =$ 0,90 – Fattore

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$A_s =$ 84 mm^2 – Area soggetta alla trazione del bullone

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0,6 \pi d_m t_p f_u}{\gamma_{M2}} =$ 148,0 kN ≥ $F_{t,Ed} =$ 7,7 kN

Dove:

$d_m =$ 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

$t_p =$ 12 mm – Spessore della piastra

$f_u =$ 430,0 MPa – Resistenza Ultima

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p \alpha_v f_{ub} A}{\gamma_{M2}} =$ 32,4 kN ≥ $F_{v,Ed} =$ 0,3 kN

Dove:

$\beta_p =$ 1,00 – Fattore di riduzione per spessoramento

$\alpha_v =$ 0,60 – Fattore di riduzione dello sforzo di taglio

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$A =$ 84 mm^2 – Area soggetta alla trazione del bullone

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 123,8 kN ≥ $F_{b,Ed} =$ 0,3 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 1,00 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

$e_2 =$ 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

$p_2 =$ ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

$d_0 =$ 13 mm – Diametro del foro del bullone

$e_1 =$ 109 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

$p_1 =$ 75 mm – Distanza tra i bulloni nella direzione della forza di taglio

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$f_u =$ 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 12 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd}\,;\,B_{p,Rd})}$ = 0,16 ≤ 1,0

Dove:

$F_{t,Ed}$ = 7,7 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 148,0 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}\,;\,\frac{F_{b,Ed}}{F_{b,Rd}})$ = 0,01 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,3 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,3 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 123,8 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}}$ = 0,12 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,3 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 7,7 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- Duttilità, capacità rotazionale: Piastra SEP1a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)

Risultati dettagliati per B2

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2 f_{ub} A_s}{\gamma_{M2}}$ = 48,6 kN ≥ $F_{t,Ed}$ = 6,3 kN

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0,6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}} =$ 148,0 kN ≥ $F_{t,Ed} =$ 6,3 kN

Dove:

$d_m =$ 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

$t_p =$ 12 mm – Spessore della piastra

$f_u =$ 430,0 MPa – Resistenza Ultima

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}} =$ 32,4 kN ≥ $F_{v,Ed} =$ 0,3 kN

Dove:

$\beta_p =$ 1,00 – Fattore di riduzione per spessoramento

$\alpha_v =$ 0,60 – Fattore di riduzione dello sforzo di taglio

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$A =$ 84 mm^2 – Area soggetta alla trazione del bullone

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1\,\alpha_b f_u\,dt}{\gamma_{M2}} =$ 81,0 kN ≥ $F_{b,Ed} =$ 0,3 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 0,65 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

$e_2 =$ 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

$p_2 =$ ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

$d_0 =$ 13 mm – Diametro del foro del bullone

$e_1 =$ 26 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

$p_1 =$ ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$f_u =$ 430,0 MPa – Resistenza ultima della piastra

$d =$ 12 mm – Diametro nominale del fissaggio

$t =$ 12 mm – Spessore della piastra

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd}\,;\,B_{p,Rd})} =$ 0,13 ≤ 1,0

Dove:

$F_{t,Ed} =$ 6,3 kN – Forza a trazione

$F_{t,Rd} =$ 48,6 kN – Resistenza a trazione

$B_{p,Rd} =$ 148,0 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,01 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,3 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,3 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 81,0 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1,4\,F_{t,Rd}} =$ 0,10 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,3 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 6,3 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- Duttilità, capacità rotazionale: Piastra SEP1a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)

Risultati dettagliati per B3

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2 f_{ub} A_s}{\gamma_{M2}} =$ 48,6 kN ≥ $F_{t,Ed} =$ 10,8 kN

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0,6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}} =$ 148,0 kN ≥ $F_{t,Ed} =$ 10,8 kN

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 12 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}} =$ 32,4 kN ≥ $F_{v,Ed} =$ 1,2 kN

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}}$ = 108,0 kN ≥ $F_{b,Ed}$ = 1,2 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5)$ = 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1)$ = 0,87 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = 110 mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 34 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 12 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd}; B_{p,Rd})}$ = 0,22 ≤ 1,0

Dove:

$F_{t,Ed}$ = 10,8 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 148,0 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}})$ = 0,04 ≤ 1,0

Dove:

$F_{v,Ed}$ = 1,2 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 1,2 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 108,0 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1,4\,F_{t,Rd}}$ = 0,20 ≤ 1,0

Dove:

$F_{v,Ed}$ = 1,2 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 10,8 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- Duttilità, capacità rotazionale: Piastra SEP1a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)

Risultati dettagliati per B4

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2 f_{ub} A_s}{\gamma_{M2}} =$ 48,6 kN ≥ $F_{t,Ed} =$ 11,0 kN

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0,6 \pi d_m t_p f_u}{\gamma_{M2}} =$ 148,0 kN ≥ $F_{t,Ed} =$ 11,0 kN

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 12 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p \alpha_v f_{ub} A}{\gamma_{M2}} =$ 32,4 kN ≥ $F_{v,Ed} =$ 1,0 kN

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 108,0 kN ≥ $F_{b,Ed} =$ 1,0 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) = 0,87$ – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

$e_2 = 25$ mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

$p_2 = \infty$ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

$d_0 = 13$ mm – Diametro del foro del bullone

$e_1 = 34$ mm – Distanza dal bordo della piastra nella direzione della forza di taglio

$p_1 = \infty$ mm – Distanza tra i bulloni nella direzione della forza di taglio

$f_{ub} = 800,0$ MPa – Resistenza ultima alla trazione del bullone

$f_u = 430,0$ MPa – Resistenza ultima della piastra

$d = 12$ mm – Diametro nominale del fissaggio

$t = 12$ mm – Spessore della piastra

$\gamma_{M2} = 1,25$ – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd}; B_{p,Rd})} = 0,23 \leq 1,0$

Dove:

$F_{t,Ed} = 11,0$ kN – Forza a trazione

$F_{t,Rd} = 48,6$ kN – Resistenza a trazione

$B_{p,Rd} = 148,0$ kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) = 0,03 \leq 1,0$

Dove:

$F_{v,Ed} = 1,0$ kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd} = 32,4$ kN – Resistenza a taglio

$F_{b,Ed} = 1,0$ kN – Bearing force (per piastra decisiva)

$F_{b,Rd} = 108,0$ kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1,4\,F_{t,Rd}} = 0,19 \leq 1,0$

Dove:

$F_{v,Ed} = 1,0$ kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd} = 32,4$ kN – Resistenza a taglio

$F_{t,Ed} = 11,0$ kN – Forza a trazione

$F_{t,Rd} = 48,6$ kN – Resistenza a trazione

Verifica Dettagli costruttivi

- Duttilità, capacità rotazionale: Piastra SEP1a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)

Risultati dettagliati per B5

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2 f_{ub} A_s}{\gamma_{M2}} =$ 48,6 kN ≥ $F_{t,Ed} =$ 2,6 kN

Dove:

$k_2 =$ 0,90 – Fattore

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$A_s =$ 84 mm^2 – Area soggetta alla trazione del bullone

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0,6 \pi d_m t_p f_u}{\gamma_{M2}} =$ 111,0 kN ≥ $F_{t,Ed} =$ 2,6 kN

Dove:

$d_m =$ 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

$t_p =$ 9 mm – Spessore della piastra

$f_u =$ 430,0 MPa – Resistenza Ultima

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p \alpha_v f_{ub} A}{\gamma_{M2}} =$ 32,4 kN ≥ $F_{v,Ed} =$ 6,1 kN

Dove:

$\beta_p =$ 1,00 – Fattore di riduzione per spessoramento

$\alpha_v =$ 0,60 – Fattore di riduzione dello sforzo di taglio

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$A =$ 84 mm^2 – Area soggetta alla trazione del bullone

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 92,9 kN ≥ $F_{b,Ed} =$ 6,1 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 1,00 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

$e_2 =$ ∞ mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

$p_2 =$ ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

$d_0 =$ 13 mm – Diametro del foro del bullone

$e_1 =$ 120 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

$p_1 =$ 80 mm – Distanza tra i bulloni nella direzione della forza di taglio

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$f_u =$ 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 9 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd}\,;\,B_{p,Rd})}$ = 0,05 ≤ 1,0

Dove:

$F_{t,Ed}$ = 2,6 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 111,0 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}\,;\,\frac{F_{b,Ed}}{F_{b,Rd}})$ = 0,19 ≤ 1,0

Dove:

$F_{v,Ed}$ = 6,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 6,1 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 92,9 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}}$ = 0,23 ≤ 1,0

Dove:

$F_{v,Ed}$ = 6,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 2,6 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Risultati dettagliati per B6

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2 f_{ub} A_s}{\gamma_{M2}}$ = 48,6 kN ≥ $F_{t,Ed}$ = 2,8 kN

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0{,}6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}}$ = 111,0 kN ≥ $F_{t,Ed}$ = 2,8 kN

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 9 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p \alpha_v f_{ub} A}{\gamma_{M2}} =$ 32,4 kN ≥ $F_{v,Ed} =$ 6,1 kN

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 92,9 kN ≥ $F_{b,Ed} =$ 6,1 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 1,00 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = ∞ mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 120 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = 80 mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 9 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd}; B_{p,Rd})} =$ 0,06 ≤ 1,0

Dove:

$F_{t,Ed}$ = 2,8 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 111,0 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,19 ≤ 1,0

Dove:

$F_{v,Ed}$ = 6,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 6,1 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 92,9 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1,4\,F_{t,Rd}}$ = 0,23 ≤ 1,0

Dove:

$F_{v,Ed}$ = 6,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 2,8 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Risultati dettagliati per B7

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2 f_{ub} A_s}{\gamma_{M2}}$ = 48,6 kN ≥ $F_{t,Ed}$ = 7,3 kN

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0,6\,\pi\,d_m\,t_p f_u}{\gamma_{M2}}$ = 111,0 kN ≥ $F_{t,Ed}$ = 7,3 kN

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 9 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}}$ = 32,4 kN ≥ $F_{v,Ed}$ = 6,7 kN

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1\,\alpha_b f_u\,dt}{\gamma_{M2}}$ = 92,9 kN ≥ $F_{b,Ed}$ = 6,7 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) = 2{,}50$ – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) = 1{,}00$ – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

$e_2 = \infty$ mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

$p_2 = \infty$ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

$d_0 = 13$ mm – Diametro del foro del bullone

$e_1 = 40$ mm – Distanza dal bordo della piastra nella direzione della forza di taglio

$p_1 = \infty$ mm – Distanza tra i bulloni nella direzione della forza di taglio

$f_{ub} = 800{,}0$ MPa – Resistenza ultima alla trazione del bullone

$f_u = 430{,}0$ MPa – Resistenza ultima della piastra

$d = 12$ mm – Diametro nominale del fissaggio

$t = 9$ mm – Spessore della piastra

$\gamma_{M2} = 1{,}25$ – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd}; B_{p,Rd})} = 0{,}15 \leq 1{,}0$

Dove:

$F_{t,Ed} = 7{,}3$ kN – Forza a trazione

$F_{t,Rd} = 48{,}6$ kN – Resistenza a trazione

$B_{p,Rd} = 111{,}0$ kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) = 0{,}21 \leq 1{,}0$

Dove:

$F_{v,Ed} = 6{,}7$ kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd} = 32{,}4$ kN – Resistenza a taglio

$F_{b,Ed} = 6{,}7$ kN – Bearing force (per piastra decisiva)

$F_{b,Rd} = 92{,}9$ kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}} = 0{,}31 \leq 1{,}0$

Dove:

$F_{v,Ed} = 6{,}7$ kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd} = 32{,}4$ kN – Resistenza a taglio

$F_{t,Ed} = 7{,}3$ kN – Forza a trazione

$F_{t,Rd} = 48{,}6$ kN – Resistenza a trazione

Risultati dettagliati per B8

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2 f_{ub} A_s}{\gamma_{M2}} =$ 48,6 kN ≥ $F_{t,Ed} =$ 7,5 kN

Dove:

$k_2 =$ 0,90 – Fattore

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$A_s =$ 84 mm^2 – Area soggetta alla trazione del bullone

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0,6 \pi d_m t_p f_u}{\gamma_{M2}} =$ 111,0 kN ≥ $F_{t,Ed} =$ 7,5 kN

Dove:

$d_m =$ 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

$t_p =$ 9 mm – Spessore della piastra

$f_u =$ 430,0 MPa – Resistenza Ultima

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p \alpha_v f_{ub} A}{\gamma_{M2}} =$ 32,4 kN ≥ $F_{v,Ed} =$ 6,6 kN

Dove:

$\beta_p =$ 1,00 – Fattore di riduzione per spessoramento

$\alpha_v =$ 0,60 – Fattore di riduzione dello sforzo di taglio

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$A =$ 84 mm^2 – Area soggetta alla trazione del bullone

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 92,9 kN ≥ $F_{b,Ed} =$ 6,6 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 1,00 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

$e_2 =$ ∞ mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

$p_2 =$ ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

$d_0 =$ 13 mm – Diametro del foro del bullone

$e_1 =$ 40 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

$p_1 =$ ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

$f_{ub} =$ 800,0 MPa – Resistenza ultima alla trazione del bullone

$f_u =$ 430,0 MPa – Resistenza ultima della piastra

$d =$ 12 mm – Diametro nominale del fissaggio

$t =$ 9 mm – Spessore della piastra

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd}\,;\,B_{p,Rd})}$ = 0,15 ≤ 1,0

Dove:

$F_{t,Ed}$ = 7,5 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 111,0 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}\,;\,\frac{F_{b,Ed}}{F_{b,Rd}})$ = 0,20 ≤ 1,0

Dove:

$F_{v,Ed}$ = 6,6 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 6,6 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 92,9 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}}$ = 0,32 ≤ 1,0

Dove:

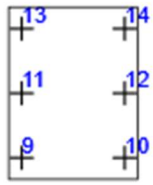
$F_{v,Ed}$ = 6,6 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 7,5 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Ancoraggi

Forma	Elemento	Carichi	N_{Ed} [kN]	V_{Ed} [kN]	$V_{Rd,c}$ [kN]	$V_{Rd,cp}$ [kN]	Ut_t [%]	Ut_s [%]	Ut_{ts} [%]	Dettagli costruttivi	Stato
	A9	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	0,0	0,8	5,2	103,1	0,0	43,6	28,8	OK	OK
	A10	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	0,0	0,8	5,2	103,1	0,0	43,8	29,0	OK	OK
	A11	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	15,2	0,7	28,8	103,1	21,4	7,9	4,6	OK	OK

	A12	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[1 7 VY-D]+0.75x[9 AccuNeveX-]	15,7	0,7	0,0	103,1	22,1	4,5	4,9	OK	OK
	A13	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[1 7 VY-D]+0.75x[9 AccuNeveX-]	7,9	0,8	28,8	103,1	11,1	7,9	2,2	OK	OK
	A14	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[1 7 VY-D]+0.75x[9 AccuNeveX-]	8,0	0,8	0,0	103,1	11,3	4,5	1,3	OK	OK

Dati Progetto

Classe	$N_{Rd,s}$ [kN]	$V_{Rd,s}$ [kN]
M16 8.8 - 3	71,2	50,2

Risultati dettagliati per A9

Resistenza a trazione dell'ancoraggio (EN 1992-4 – 7.2.1.3)

$N_{Rd,s} = \frac{N_{Rk,s}}{\gamma_{Ms}} =$ 71,2 kN ≥ $N_{Ed} =$ 0,0 kN

$N_{Rk,s} = c \cdot A_s \cdot f_{uk} =$ 106,8 kN

Dove:

$c = 0,85$ – fattore di riduzione per taglio filettatura

$A_s =$ 157 mm² – area soggetta alla trazione

$f_{uk} =$ 800,0 MPa – resistenza alla trazione minima del bullone

$\gamma_{Ms} = 1,50$ – coefficiente di sicurezza per acciaio

$\gamma_{Ms} = 1,2 \cdot \frac{f_{uk}}{f_{yk}} \geq 1,4$

, dove:

$f_{yk} =$

640,0 MPa – tensione di snervamento minima del bullone

Resistenza a taglio (EN 1992-4 – 7.2.2.3.1)

$V_{Rd,s} =$ 50,2 kN ≥ $V_{Ed} =$ 0,8 kN

$V_{Rk,s} = k_7 \cdot V^0_{Rk,s} =$ 62,8 kN

Dove:

$k_7 = 1,00$ – coefficiente di duttilità dell'acciaio dell'ancoraggio

$k_7 = \begin{cases} 0,8, & A < 0,08 \\ 1.0, & A \geq 0,08 \end{cases}$

, dove:

$A =$

0,12 – allungamento della classe del bullone al rottura

$V^0_{Rk,s}$ = 62,8 kN – la resistenza caratteristica a taglio

$V^0_{Rk,s} = k_6 \cdot A_s \cdot f_{uk}$

, dove:

k_6 =

0,50 – coefficiente per resistenza all'ancoraggio a taglio

A_s =

157 mm² – area soggetta alla trazione

f_{uk} =

800,0 MPa – resistenza alla rottura specificata dell'acciaio dell'ancoraggio

γ_{Ms} = 1,25 – coefficiente di sicurezza per acciaio

Resistenza rottura del bordo di calcestruzzo (EN 1992-4 – 7.2.2.5)

La verifica viene eseguita per un gruppo di ancoraggi che formano i coni di rottura a taglio: A9

$V_{Rd,c} = \frac{V_{Rk,c}}{\gamma_{Mc}} =$ 5,2 kN ≥ $V_{Ed,g} =$ 2,3 kN

$V_{Rk,c} = V^0_{Rk,c} \cdot \frac{A_{c,V}}{A^0_{c,V}} \cdot \psi_{s,V} \cdot \psi_{h,V} \cdot \psi_{ec,V} \cdot$ 7,9 kN

Dove:

$V_{Ed,g}$ = 2,3 kN – somma delle forze a taglio degli ancoraggi su piastra di base comune

$V^0_{Rk,c}$ = 7,9 kN – valore iniziale della resistenza caratteristica a taglio del fissaggio

$V^0_{Rk,c} = k_9 \cdot d_{nom}^{\alpha} \cdot l_f^{\beta} \cdot \sqrt{f_{ck}} \cdot c_1^{1,5}$

, dove:

k_9 =

1,70 – parametro che tiene conto dello stato del calcestruzzo

d_{nom} =

16 mm – diametro ancoraggio

$\alpha = 0,1 \cdot (\frac{l_f}{c_1})^{0,5} =$

0,20 – fattore

$l_f = \min(h_{ef}, 12 \cdot d) =$

192 mm – parametro relativo alla lunghezza del fissaggio, dove:

h_{ef} =

250 mm – lunghezza dell'ancoraggio incorporata nel calcestruzzo

d_{nom} =

16 mm – diametro ancoraggio

$\beta = 0,1 \cdot (\frac{d_{nom}}{c_1})^{0,2} =$

0,08 – fattore

f_{ck} =

25,0 MPa – resistenza a compressione del calcestruzzo

c_1 =

50 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{1,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$A_{c,V}$ = 11250 mm² – area effettiva del corpo di break-out di calcestruzzo idealizzato

$A^0_{c,V}$ = 11250 mm² – riferimento area proiettata del cono di rottura

$A^0_{c,V} = 4,5 \cdot c_1^2$

, dove:

c_1 =

50 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{1,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{s,V}$ = 1,00 – parametro relativo alla distribuzione delle tensioni nel calcestruzzo a causa della vicinanza del fissaggio a un bordo dell'elemento in calcestruzzo:

$\psi_{s,V} = 0,7 + 0,3 \cdot \frac{c_2}{1,5 \cdot c_1} \leq 1$

, dove:

c_1 =

50 mm

$\leq \max\left(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3}\right)$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

c_2 =

330 mm – distanza dal bordo del fissaggio perpendicolare alla direzione 1 che è la più piccola distanza dal bordo in un elemento stretto con più bordi

h =

300 mm – spessore dell'elemento in calcestruzzo

$c_{2,max}$ =

330 mm – maggiore delle due distanze dai bordi parallele alla direzione di carico

s =

240 mm – distanza massima nella direzione 2 tra gli elementi di fissaggio entro un gruppo

$\psi_{h,V} = 1,00$ – fattore di modifica per gli ancoraggi posizionati in un elemento di calcestruzzo ribassato:

$\psi_{h,V} = \left(\frac{1,5 \cdot c_1}{h}\right)^{0,5} \geq 1$

, dove:

h =

300 mm – spessore dell'elemento in calcestruzzo

c_1 =

50 mm

$\leq \max\left(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3}\right)$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{ec,V} = 1,00$ – fattore di modifica per gruppi di ancoraggi caricati eccentricamente a taglio:

$\psi_{ec,V} = \frac{1}{1 + \frac{2 \cdot e_V}{3 \cdot c_1}} \leq 1$

, dove:

e_V =

0 mm – eccentricità carico a taglio

c_1 =

50 mm

$\leq \max\left(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3}\right)$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{\alpha,V} = 1,00$ – fattore di modifica per gli ancoraggi caricati a un angolo con il bordo di calcestruzzo

$\psi_{\alpha,V} = \sqrt{\frac{1}{(\cos \alpha_V)^2 + (0,5 \cdot \sin \alpha_V)^2}} \geq 1$

, dove:

α_V =

0,5 ° – angolo tra il carico agente sul fissaggio o gruppo di fissaggi e la direzione perpendicolare al bordo libero considerato

$\psi_{re,V} = 1,00$ – parametro che tiene conto dell'effetto dello spalling del guscio, non si presume nessuna armatura o staffe nel bordo

$\gamma_{Mc} = 1,50$ – coefficiente di sicurezza per calcestruzzo

Interazione delle forze di trazione e taglio nell'acciaio (EN 1992-4 – Tabella 7.3)

$\left(\frac{N_{Ed}}{N_{Rd,s}}\right)^2 +$ 0,00 ≤ 1,0

Dove:

N_{Ed} = 0,0 kN – forza di trazione di progetto

$N_{Rd,s}$ = 71,2 kN – resistenza alla trazione del fissaggio

V_{Ed} = 0,8 kN – sforzo di taglio di progetto

$V_{Rd,s}$ = 50,2 kN – resistenza al taglio del fissaggio

Interazione delle forze di trazione e taglio nel calcestruzzo (EN 1992-4 – Tabella 7.3)

$(\frac{N_{Ed}}{N_{Rd,i}})^{1,5} +$ 0,29 ≤ 1,0

Dove:

$\frac{N_{Ed}}{N_{Rd,i}}$ – il valore di utilizzo più grande per le modalità di rottura per trazione

$\frac{V_{Ed}}{V_{Rd,i}}$ – il valore di utilizzo più grande per le modalità di rottura per taglio

$\frac{N_{Ed,g}}{N_{Rd,c}} = 0\%$ – rottura del cono di calcestruzzo dell'ancoraggio a trazione

$\frac{N_{Ed}}{N_{Rd,p}} = 0\%$ – rottura a pullout del calcestruzzo

$\frac{N_{Ed}}{N_{Rd,cb}} = 0\%$ – rottura a blowout del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,c}} = 43\%$ – rottura del bordo del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,cb}} = 4\%$ – rottura a pryout del calcestruzzo

Armatura supplementare (EN 1992-4 – 7.2.1.9)
L'armatura supplementare dovrebbe resistere alla forza di 46,9 kN in trazione.

Risultati dettagliati per A10

Resistenza a trazione dell'ancoraggio (EN 1992-4 – 7.2.1.3)

$N_{Rd,s} = \frac{N_{Rk,s}}{\gamma_{Ms}} =$ 71,2 kN ≥ $N_{Ed} =$ 0,0 kN

$N_{Rk,s} = c \cdot A_s \cdot f_{uk} =$ 106,8 kN

Dove:

$c = 0,85$ – fattore di riduzione per taglio filettatura

$A_s =$ 157 mm^2 – area soggetta alla trazione

$f_{uk} =$ 800,0 MPa – resistenza alla trazione minima del bullone

$\gamma_{Ms} = 1,50$ – coefficiente di sicurezza per acciaio

$\gamma_{Ms} = 1,2 \cdot \frac{f_{uk}}{f_{yk}} \geq 1,4$

, dove:
$f_{yk} =$
640,0 MPa – tensione di snervamento minima del bullone

Resistenza a taglio (EN 1992-4 – 7.2.2.3.1)

$\frac{V_{Rd,s}}{V_{Rd,...}} =$ 50,2 kN ≥ $V_{Ed} =$ 0,8 kN

$V_{Rk,s} = k_7 \cdot V^0_{Rk,s} =$ 62,8 kN

Dove:

$k_7 = 1,00$ – coefficiente di duttilità dell'acciaio dell'ancoraggio

$k_7 = \begin{cases} 0,8, & A < 0,08 \\ 1.0, & A \geq 0,08 \end{cases}$

, dove:
$A =$
0,12 – allungamento della classe del bullone al rottura

$V^0_{Rk,s} =$ 62,8 kN – la resistenza caratteristica a taglio

$V^0_{Rk,s} = k_6 \cdot A_s \cdot f_{uk}$

, dove:
$k_6 =$
0,50 – coefficiente per resistenza all'ancoraggio a taglio

A_s =
157 mm² – area soggetta alla trazione
f_{uk} =
800,0 MPa – resistenza alla rottura specificata dell'acciaio dell'ancoraggio
γ_{Ms} = 1,25 – coefficiente di sicurezza per acciaio

Resistenza rottura del bordo di calcestruzzo (EN 1992-4 – 7.2.2.5)
La verifica viene eseguita per un gruppo di ancoraggi che formano i coni di rottura a taglio: A10

$V_{Rd,c} = \frac{V_{Rk,c}}{\gamma_{Mc}} =$ 5,2 kN ≥ $V_{Ed,g} =$ 2,3 kN

$V_{Rk,c} = V^0_{Rk,c} \cdot \frac{A_{c,V}}{A^0_{c,V}} \cdot \psi_{s,V} \cdot \psi_{h,V} \cdot \psi_{ec,V} \cdot$ 7,9 kN

Dove:

$V_{Ed,g}$ = 2,3 kN – somma delle forze a taglio degli ancoraggi su piastra di base comune

$V^0_{Rk,c}$ = 7,9 kN – valore iniziale della resistenza caratteristica a taglio del fissaggio

$V^0_{Rk,c} = k_9 \cdot d_{nom}^{\alpha} \cdot l_f^{\beta} \cdot \sqrt{f_{ck}} \cdot c_1^{1,5}$

, dove:
k_9 =
1,70 – parametro che tiene conto dello stato del calcestruzzo
d_{nom} =
16 mm – diametro ancoraggio
$\alpha = 0,1 \cdot (\frac{l_f}{c_1})^{0,5} =$
0,20 – fattore
$l_f = \min(h_{ef}, 12 \cdot d) =$
192 mm – parametro relativo alla lunghezza del fissaggio, dove:
h_{ef} =
250 mm – lunghezza dell'ancoraggio incorporata nel calcestruzzo
d_{nom} =
16 mm – diametro ancoraggio
$\beta = 0,1 \cdot (\frac{d_{nom}}{c_1})^{0,2} =$
0,08 – fattore
f_{ck} =
25,0 MPa – resistenza a compressione del calcestruzzo
c_1 =
50 mm – distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$A_{c,V}$ = 11250 mm² – area effettiva del corpo di break-out di calcestruzzo idealizzato

$A^0_{c,V}$ = 11250 mm² – riferimento area proiettata del cono di rottura

$A^0_{c,V} = 4,5 \cdot c_1^2$

, dove:
c_1 =
50 mm – distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{s,V}$ = 1,00 – parametro relativo alla distribuzione delle tensioni nel calcestruzzo a causa della vicinanza del fissaggio a un bordo dell'elemento in calcestruzzo:

$\psi_{s,V} = 0,7 + 0,3 \cdot \frac{c_2}{1,5 \cdot c_1} \leq 1$

, dove:
c_1 =
50 mm – distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico
c_2 =
330 mm – distanza dal bordo del fissaggio perpendicolare alla direzione 1 che è la più piccola distanza dal bordo in un elemento stretto con più bordi

$\psi_{h,V}$ = 1,00 – fattore di modifica per gli ancoraggi posizionati in un elemento di calcestruzzo ribassato:

$\psi_{h,V} = (\frac{1,5 \cdot c_1}{h})^{0,5} \geq 1$

, dove:

h =
300 mm – spessore dell'elemento in calcestruzzo
c_1 =
50 mm – distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{ec,V}$ = 1,00 – fattore di modifica per gruppi di ancoraggi caricati eccentricamente a taglio:

$\psi_{ec,V} = \frac{1}{1+\frac{2 \cdot e_V}{3 \cdot c_1}} \leq 1$

, dove:
e_V =
0 mm – eccentricità carico a taglio
c_1 =
50 mm – distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{\alpha,V}$ = 1,00 – fattore di modifica per gli ancoraggi caricati a un angolo con il bordo di calcestruzzo

$\psi_{\alpha,V} = \sqrt{\frac{1}{(\cos \alpha_V)^2 + (0{,}5 \cdot \sin \alpha_V)^2}} \geq 1$

, dove:
α_V =
0,5 ° – angolo tra il carico agente sul fissaggio o gruppo di fissaggi e la direzione perpendicolare al bordo libero considerato

$\psi_{re,V}$ = 1,00 – parametro che tiene conto dell'effetto dello spalling del guscio, non si presume nessuna armatura o staffe nel bordo

γ_{Mc} = 1,50 – coefficiente di sicurezza per calcestruzzo

Interazione delle forze di trazione e taglio nell'acciaio (EN 1992-4 – Tabella 7.3)

$(\frac{N_{Ed}}{N_{Rd,s}})^2 +$ 0,00 ≤ 1,0

Dove:

N_{Ed} = 0,0 kN – forza di trazione di progetto

$N_{Rd,s}$ = 71,2 kN – resistenza alla trazione del fissaggio

V_{Ed} = 0,8 kN – sforzo di taglio di progetto

$V_{Rd,s}$ = 50,2 kN – resistenza al taglio del fissaggio

Interazione delle forze di trazione e taglio nel calcestruzzo (EN 1992-4 – Tabella 7.3)

$(\frac{N_{Ed}}{N_{Rd,}})^{1,5} +$ 0,29 ≤ 1,0

Dove:

$\frac{N_{Ed}}{N_{Rd,}}$ – il valore di utilizzo più grande per le modalità di rottura per trazione

$\frac{V_{Ed}}{V_{Rd,}}$ – il valore di utilizzo più grande per le modalità di rottura per taglio

$\frac{N_{Ed,g}}{N_{Rd,c}}$ = 0% – rottura del cono di calcestruzzo dell'ancoraggio a trazione

$\frac{N_{Ed}}{N_{Rd,p}}$ = 0% – rottura a pullout del calcestruzzo

$\frac{N_{Ed}}{N_{Rd,cb}}$ = 0% – rottura a blowout del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,c}}$ = 43% – rottura del bordo del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,cb}}$ = 4% – rottura a pryout del calcestruzzo

Armatura supplementare (EN 1992-4 – 7.2.1.9)
L'armatura supplementare dovrebbe resistere alla forza di 46,9 kN in trazione.

Risultati dettagliati per A11

Le seguenti verifiche degli ancoraggi caricati a trazione non sono fornite e devono essere verificati utilizzando le informazioni in relative European Technical Product Specification:

- Rottura a pull-out del fissaggio (per ancoraggi meccanici post-installati) - EN 1992-4 – 7.2.1.5
- Rottura combinata del calcestruzzo e a pull-out (per ancoraggi post-installati) - EN 1992-4 – 7.2.1.6
- Rottura per splitting del calcestruzzo - EN 1992-4 – 7.2.1.7

La rottura per blow-out del calcestruzzo dell'ancoraggio con testa a trazione è fornita solo per ancoraggi con rosetta.

Resistenza a trazione dell'ancoraggio (EN 1992-4 – 7.2.1.3)

$N_{Rd,s} = \frac{N_{Rk,s}}{\gamma_{Ms}} =$ 71,2 kN ≥ $N_{Ed} =$ 15,2 kN

$N_{Rk,s} = c \cdot A_s \cdot f_{uk} =$ 106,8 kN

Dove:

$c =$ 0,85 – fattore di riduzione per taglio filettatura

$A_s =$ 157 mm^2 – area soggetta alla trazione

$f_{uk} =$ 800,0 MPa – resistenza alla trazione minima del bullone

$\gamma_{Ms} =$ 1,50 – coefficiente di sicurezza per acciaio

$\gamma_{Ms} = 1,2 \cdot \frac{f_{uk}}{f_{yk}} \geq 1,4$

, dove:

$f_{yk} =$

640,0 MPa – tensione di snervamento minima del bullone

Resistenza a taglio (EN 1992-4 – 7.2.2.3.1)

$\frac{V_{Rd,s}}{V_{Rd,...}} =$ 50,2 kN ≥ $V_{Ed} =$ 0,7 kN

$V_{Rk,s} = k_7 \cdot V^0_{Rk,s} =$ 62,8 kN

Dove:

$k_7 =$ 1,00 – coefficiente di duttilità dell'acciaio dell'ancoraggio

$k_7 = \begin{cases} 0,8, & A < 0,08 \\ 1.0, & A \geq 0,08 \end{cases}$

, dove:

$A =$

0,12 – allungamento della classe del bullone al rottura

$V^0_{Rk,s} =$ 62,8 kN – la resistenza caratteristica a taglio

$V^0_{Rk,s} = k_6 \cdot A_s \cdot f_{uk}$

, dove:

$k_6 =$

0,50 – coefficiente per resistenza all'ancoraggio a taglio

$A_s =$

157 mm^2 – area soggetta alla trazione

$f_{uk} =$

800,0 MPa – resistenza alla rottura specificata dell'acciaio dell'ancoraggio

$\gamma_{Ms} =$ 1,25 – coefficiente di sicurezza per acciaio

Resistenza rottura del bordo di calcestruzzo (EN 1992-4 – 7.2.2.5)

La verifica viene eseguita per un gruppo di ancoraggi che formano i coni di rottura a taglio: A9, A11, A13

$V_{Rd,c} = \frac{V_{Rk,c}}{\gamma_{Mc}} =$ 28,8 kN ≥ $V_{Ed,g} =$ 2,3 kN

$V_{Rk,c} = V^0_{Rk,c} \cdot \frac{A_{c,V}}{A^0_{c,V}} \cdot \psi_{s,V} \cdot \psi_{h,V} \cdot \psi_{ec,V} \cdot$ 43,3 kN

Dove:

$V_{Ed,g}$ = 2,3 kN – somma delle forze a taglio degli ancoraggi su piastra di base comune

$V^0_{Rk,c}$ = 43,3 kN – valore iniziale della resistenza caratteristica a taglio del fissaggio

$V^0_{Rk,c} = k_9 \cdot d^{\alpha}_{nom} \cdot l_f^{\beta} \cdot \sqrt{f_{ck}} \cdot c_1^{1,5}$

, dove:

k_9 =

1,70 – parametro che tiene conto dello stato del calcestruzzo

d_{nom} =

16 mm – diametro ancoraggio

$\alpha = 0,1 \cdot (\frac{l_f}{c_1})^{0,5}$ =

0,10 – fattore

$l_f = \min(h_{ef}, 12 \cdot d)$ =

192 mm – parametro relativo alla lunghezza del fissaggio, dove:

h_{ef} =

250 mm – lunghezza dell'ancoraggio incorporata nel calcestruzzo

d_{nom} =

16 mm – diametro ancoraggio

$\beta = 0,1 \cdot (\frac{d_{nom}}{c_1})^{0,2}$ =

0,06 – fattore

f_{ck} =

25,0 MPa – resistenza a compressione del calcestruzzo

c_1 =

200 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$A_{c,V}$ = 120000 mm² – area effettiva del corpo di break-out di calcestruzzo idealizzato

$A^0_{c,V}$ = 180000 mm² – riferimento area proiettata del cono di rottura

$A^0_{c,V} = 4,5 \cdot c_1^2$

, dove:

c_1 =

200 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{s,V}$ = 0,75 – parametro relativo alla distribuzione delle tensioni nel calcestruzzo a causa della vicinanza del fissaggio a un bordo dell'elemento in calcestruzzo:

$\psi_{s,V} = 0,7 + 0,3 \cdot \frac{c_2}{1,5 \cdot c_1} \leq 1$

, dove:

c_1 =

200 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

c_2 =

50 mm – distanza dal bordo del fissaggio perpendicolare alla direzione 1 che è la più piccola distanza dal bordo in un elemento stretto con più bordi

h =

300 mm – spessore dell'elemento in calcestruzzo

$c_{2,max}$ =

50 mm – maggiore delle due distanze dai bordi parallele alla direzione di carico

s =

240 mm – distanza massima nella direzione 2 tra gli elementi di fissaggio entro un gruppo

$\psi_{h,V}$ = 1,00 – fattore di modifica per gli ancoraggi posizionati in un elemento di calcestruzzo ribassato:

$\psi_{h,V} = (\frac{1,5 \cdot c_1}{h})^{0,5} \geq 1$

, dove:
h =
300 mm – spessore dell'elemento in calcestruzzo
c_1 =
200 mm
$\leq \max\left(\frac{h}{1,5}, \frac{c_{1,max}}{1,5}, \frac{s}{3}\right)$
– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{ec,V}$ = 1,00 – fattore di modifica per gruppi di ancoraggi caricati eccentricamente a taglio:

$\psi_{ec,V} = \frac{1}{1+\frac{2 e_V}{3 c_1}} \leq 1$

, dove:
e_V =
0 mm – eccentricità carico a taglio
c_1 =
200 mm
$\leq \max\left(\frac{h}{1,5}, \frac{c_{1,max}}{1,5}, \frac{s}{3}\right)$
– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{\alpha,V}$ = 2,00 – fattore di modifica per gli ancoraggi caricati a un angolo con il bordo di calcestruzzo

$\psi_{\alpha,V} = \sqrt{\frac{1}{(\cos \alpha_V)^2 + (0,5 \cdot \sin \alpha_V)^2}} \geq 1$

, dove:
α_V =
88,2 ° – angolo tra il carico agente sul fissaggio o gruppo di fissaggi e la direzione perpendicolare al bordo libero considerato

$\psi_{re,V}$ = 1,00 – parametro che tiene conto dell'effetto dello spalling del guscio, non si presume nessuna armatura o staffe nel bordo

γ_{Mc} = 1,50 – coefficiente di sicurezza per calcestruzzo

Interazione delle forze di trazione e taglio nell'acciaio (EN 1992-4 – Tabella 7.3)

$\left(\frac{N_{Ed}}{N_{Rd,s}}\right)^2 +$ 0,05 ≤ 1,0

Dove:

N_{Ed} = 15,2 kN – forza di trazione di progetto

$N_{Rd,s}$ = 71,2 kN – resistenza alla trazione del fissaggio

V_{Ed} = 0,7 kN – sforzo di taglio di progetto

$V_{Rd,s}$ = 50,2 kN – resistenza al taglio del fissaggio

Interazione delle forze di trazione e taglio nel calcestruzzo (EN 1992-4 – Tabella 7.3)

$\left(\frac{N_{Ed}}{N_{Rd,}}\right)^{1,5} +$ 0,02 ≤ 1,0

Dove:

$\frac{N_{Ed}}{N_{Rd,}}$ – il valore di utilizzo più grande per le modalità di rottura per trazione

$\frac{V_{Ed}}{V_{Rd,}}$ – il valore di utilizzo più grande per le modalità di rottura per taglio

$\frac{N_{Ed,g}}{N_{Rd,c}}$ = 0% – rottura del cono di calcestruzzo dell'ancoraggio a trazione

$\frac{N_{Ed}}{N_{Rd,p}}$ = 0% – rottura a pullout del calcestruzzo

$\frac{N_{Ed}}{N_{Rd,cb}}$ = 0% – rottura a blowout del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,c}}$ = 7% – rottura del bordo del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,cb}}$ = 4% – rottura a pryout del calcestruzzo

Armatura supplementare (EN 1992-4 – 7.2.1.9)
L'armatura supplementare dovrebbe resistere alla forza di 46,9 kN in trazione.

Risultati dettagliati per A12

Le seguenti verifiche degli ancoraggi caricati a trazione non sono fornite e devono essere verifichati utilizzando le informazioni in relative European Technical Product Specification:

- Rottura a pull-out del fissaggio (per ancoraggi meccanici post-installati) - EN 1992-4 – 7.2.1.5
- Rottura combinata del calcestruzzo e a pull-out (per ancoraggi post-installati) - EN 1992-4 – 7.2.1.6
- Rottura per splitting del calcestruzzo - EN 1992-4 – 7.2.1.7

La rottura per blow-out del calcestruzzo dell'ancoraggio con testa a trazione è fornita solo per ancoraggi con rosetta.

Resistenza a trazione dell'ancoraggio (EN 1992-4 – 7.2.1.3)

$N_{Rd,s} = \frac{N_{Rk,s}}{\gamma_{Ms}} =$ 71,2 kN ≥ $N_{Ed} =$ 15,7 kN

$N_{Rk,s} = c \cdot A_s \cdot f_{uk} =$ 106,8 kN

Dove:

$c =$ 0,85 – fattore di riduzione per taglio filettatura

$A_s =$ 157 mm² – area soggetta alla trazione

$f_{uk} =$ 800,0 MPa – resistenza alla trazione minima del bullone

$\gamma_{Ms} =$ 1,50 – coefficiente di sicurezza per acciaio

$\gamma_{Ms} = 1,2 \cdot \frac{f_{uk}}{f_{yk}} \geq 1,4$

, dove:

$f_{yk} =$

640,0 MPa – tensione di snervamento minima del bullone

Resistenza a taglio (EN 1992-4 – 7.2.2.3.1)

$\frac{V_{Rd,s}}{V_{Rd,...}} =$ 50,2 kN ≥ $V_{Ed} =$ 0,7 kN

$V_{Rk,s} = k_7 \cdot V^0_{Rk,s} =$ 62,8 kN

Dove:

$k_7 =$ 1,00 – coefficiente di duttilità dell'acciaio dell'ancoraggio

$k_7 = \begin{cases} 0,8, & A < 0,08 \\ 1.0, & A \geq 0,08 \end{cases}$

, dove:

$A =$

0,12 – allungamento della classe del bullone al rottura

$V^0_{Rk,s} =$ 62,8 kN – la resistenza caratteristica a taglio

$V^0_{Rk,s} = k_6 \cdot A_s \cdot f_{uk}$

, dove:

$k_6 =$

0,50 – coefficiente per resistenza all'ancoraggio a taglio

$A_s =$

157 mm² – area soggetta alla trazione

$f_{uk} =$

800,0 MPa – resistenza alla rottura specificata dell'acciaio dell'ancoraggio

γ_{Ms} = 1,25 – coefficiente di sicurezza per acciaio

Interazione delle forze di trazione e taglio nell'acciaio (EN 1992-4 – Tabella 7.3)

$(\frac{N_{Ed}}{N_{Rd,s}})^2 +$ 0,05 ≤ 1,0

Dove:

N_{Ed} = 15,7 kN – forza di trazione di progetto

$N_{Rd,s}$ = 71,2 kN – resistenza alla trazione del fissaggio

V_{Ed} = 0,7 kN – sforzo di taglio di progetto

$V_{Rd,s}$ = 50,2 kN – resistenza al taglio del fissaggio

Interazione delle forze di trazione e taglio nel calcestruzzo (EN 1992-4 – Tabella 7.3)

$(\frac{N_{Ed}}{N_{Rd,}})^{1,5} +$ 0,01 ≤ 1,0

Dove:

$\frac{N_{Ed}}{N_{Rd,}}$ – il valore di utilizzo più grande per le modalità di rottura per trazione

$\frac{V_{Ed}}{V_{Rd,}}$ – il valore di utilizzo più grande per le modalità di rottura per taglio

$\frac{N_{Ed,g}}{N_{Rd,c}}$ = 0% – rottura del cono di calcestruzzo dell'ancoraggio a trazione

$\frac{N_{Ed}}{N_{Rd,p}}$ = 0% – rottura a pullout del calcestruzzo

$\frac{N_{Ed}}{N_{Rd,cb}}$ = 0% – rottura a blowout del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,c}}$ = 0% – rottura del bordo del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,cb}}$ = 4% – rottura a pryout del calcestruzzo

Armatura supplementare (EN 1992-4 – 7.2.1.9)
L'armatura supplementare dovrebbe resistere alla forza di 46,9 kN in trazione.

Risultati dettagliati per A13

Le seguenti verifiche degli ancoraggi caricati a trazione non sono fornite e devono essere verifichati utilizzando le informazioni in relative European Technical Product Specification:

- Rottura a pull-out del fissaggio (per ancoraggi meccanici post-installati) - EN 1992-4 – 7.2.1.5
- Rottura combinata del calcestruzzo e a pull-out (per ancoraggi post-installati) - EN 1992-4 – 7.2.1.6
- Rottura per splitting del calcestruzzo - EN 1992-4 – 7.2.1.7

La rottura per blow-out del calcestruzzo dell'ancoraggio con testa a trazione è fornita solo per ancoraggi con rosetta.

Resistenza a trazione dell'ancoraggio (EN 1992-4 – 7.2.1.3)

$N_{Rd,s} = \frac{N_{Rk,s}}{\gamma_{Ms}} =$ 71,2 kN ≥ $N_{Ed} =$ 7,9 kN

$N_{Rk,s} = c \cdot A_s \cdot f_{uk} =$ 106,8 kN

Dove:

c = 0,85 – fattore di riduzione per taglio filettatura

A_s = 157 mm² – area soggetta alla trazione

f_{uk} = 800,0 MPa – resistenza alla trazione minima del bullone

$\gamma_{Ms} = 1{,}50$ – coefficiente di sicurezza per acciaio

$\gamma_{Ms} = 1{,}2 \cdot \frac{f_{uk}}{f_{yk}} \geq 1{,}4$

, dove:

$f_{yk} =$

640,0 MPa – tensione di snervamento minima del bullone

Resistenza a taglio (EN 1992-4 – 7.2.2.3.1)

$V_{Rd,s} =$ 50,2 kN ≥ $V_{Ed} =$ 0,8 kN

$V_{Rk,s} = k_7 \cdot V^0_{Rk,s} =$ 62,8 kN

Dove:

$k_7 = 1{,}00$ – coefficiente di duttilità dell'acciaio dell'ancoraggio

$k_7 = \begin{cases} 0{,}8, & A < 0{,}08 \\ 1.0, & A \geq 0{,}08 \end{cases}$

, dove:

$A =$

0,12 – allungamento della classe del bullone al rottura

$V^0_{Rk,s} = 62{,}8$ kN – la resistenza caratteristica a taglio

$V^0_{Rk,s} = k_6 \cdot A_s \cdot f_{uk}$

, dove:

$k_6 =$

0,50 – coefficiente per resistenza all'ancoraggio a taglio

$A_s =$

157 mm^2 – area soggetta alla trazione

$f_{uk} =$

800,0 MPa – resistenza alla rottura specificata dell'acciaio dell'ancoraggio

$\gamma_{Ms} = 1{,}25$ – coefficiente di sicurezza per acciaio

Resistenza rottura del bordo di calcestruzzo (EN 1992-4 – 7.2.2.5)

La verifica viene eseguita per un gruppo di ancoraggi che formano i coni di rottura a taglio: A9, A11, A13

$V_{Rd,c} = \frac{V_{Rk,c}}{\gamma_{Mc}} =$ 28,8 kN ≥ $V_{Ed,g} =$ 2,3 kN

$V_{Rk,c} = V^0_{Rk,c} \cdot \frac{A_{c,V}}{A^0_{c,V}} \cdot \psi_{s,V} \cdot \psi_{h,V} \cdot \psi_{ec,V} \cdot$ 43,3 kN

Dove:

$V_{Ed,g} = 2{,}3$ kN – somma delle forze a taglio degli ancoraggi su piastra di base comune

$V^0_{Rk,c} = 43{,}3$ kN – valore iniziale della resistenza caratteristica a taglio del fissaggio

$V^0_{Rk,c} = k_9 \cdot d^{\alpha}_{nom} \cdot l^{\beta}_f \cdot \sqrt{f_{ck}} \cdot c_1^{1,5}$

, dove:

$k_9 =$

1,70 – parametro che tiene conto dello stato del calcestruzzo

$d_{nom} =$

16 mm – diametro ancoraggio

$\alpha = 0{,}1 \cdot (\frac{l_f}{c_1})^{0,5} =$

0,10 – fattore

$l_f = \min(h_{ef}, 12 \cdot d) =$

192 mm – parametro relativo alla lunghezza del fissaggio, dove:

$h_{ef} =$

250 mm – lunghezza dell'ancoraggio incorporata nel calcestruzzo

$d_{nom} =$

16 mm – diametro ancoraggio

$\beta = 0,1 \cdot (\frac{d_{nom}}{c_1})^{0,2} =$

0,06 – fattore

$f_{ck} =$

25,0 MPa – resistenza a compressione del calcestruzzo

$c_1 =$

200 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$A_{c,V} =$ 120000 mm² – area effettiva del corpo di break-out di calcestruzzo idealizzato

$A^0_{c,V} =$ 180000 mm² – riferimento area proiettata del cono di rottura

$A^0_{c,V} = 4,5 \cdot c_1^2$

, dove:

$c_1 =$

200 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{s,V} = 0,75$ – parametro relativo alla distribuzione delle tensioni nel calcestruzzo a causa della vicinanza del fissaggio a un bordo dell'elemento in calcestruzzo:

$\psi_{s,V} = 0,7 + 0,3 \cdot \frac{c_2}{1,5 \cdot c_1} \leq 1$

, dove:

$c_1 =$

200 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$c_2 =$

50 mm – distanza dal bordo del fissaggio perpendicolare alla direzione 1 che è la più piccola distanza dal bordo in un elemento stretto con più bordi

$h =$

300 mm – spessore dell'elemento in calcestruzzo

$c_{2,max} =$

50 mm – maggiore delle due distanze dai bordi parallele alla direzione di carico

$s =$

240 mm – distanza massima nella direzione 2 tra gli elementi di fissaggio entro un gruppo

$\psi_{h,V} = 1,00$ – fattore di modifica per gli ancoraggi posizionati in un elemento di calcestruzzo ribassato:

$\psi_{h,V} = (\frac{1,5 \cdot c_1}{h})^{0,5} \geq 1$

, dove:

$h =$

300 mm – spessore dell'elemento in calcestruzzo

$c_1 =$

200 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{ec,V} = 1,00$ – fattore di modifica per gruppi di ancoraggi caricati eccentricamente a taglio:

$\psi_{ec,V} = \frac{1}{1+\frac{2 \cdot e_V}{3 \cdot c_1}} \leq 1$

, dove:

$e_V =$

0 mm – eccentricità carico a taglio

$c_1 =$

200 mm

$\leq \max(\frac{h}{1,5}, \frac{c_{2,max}}{1,5}, \frac{s}{3})$

– distanza dal bordo del fissaggio nella direzione 1 verso il bordo nella direzione di carico

$\psi_{\alpha,V} = 2{,}00$ – fattore di modifica per gli ancoraggi caricati a un angolo con il bordo di calcestruzzo

$\psi_{\alpha,V} = \sqrt{\frac{1}{(\cos\alpha_V)^2+(0{,}5\cdot\sin\alpha_V)^2}} \geq 1$

, dove:

$\alpha_V =$

88,2 ° – angolo tra il carico agente sul fissaggio o gruppo di fissaggi e la direzione perpendicolare al bordo libero considerato

$\psi_{re,V} = 1{,}00$ – parametro che tiene conto dell'effetto dello spalling del guscio, non si presume nessuna armatura o staffe nel bordo

$\gamma_{Mc} = 1{,}50$ – coefficiente di sicurezza per calcestruzzo

Interazione delle forze di trazione e taglio nell'acciaio (EN 1992-4 – Tabella 7.3)

$(\frac{N_{Ed}}{N_{Rd,s}})^2 +$ 0,01 ≤ 1,0

Dove:

$N_{Ed} = 7{,}9$ kN – forza di trazione di progetto

$N_{Rd,s} = 71{,}2$ kN – resistenza alla trazione del fissaggio

$V_{Ed} = 0{,}8$ kN – sforzo di taglio di progetto

$V_{Rd,s} = 50{,}2$ kN – resistenza al taglio del fissaggio

Interazione delle forze di trazione e taglio nel calcestruzzo (EN 1992-4 – Tabella 7.3)

$(\frac{N_{Ed}}{N_{Rd,i}})^{1,5} +$ 0,02 ≤ 1,0

Dove:

$\frac{N_{Ed}}{N_{Rd,i}}$ – il valore di utilizzo più grande per le modalità di rottura per trazione

$\frac{V_{Ed}}{V_{Rd,i}}$ – il valore di utilizzo più grande per le modalità di rottura per taglio

$\frac{N_{Ed,g}}{N_{Rd,c}} = 0\%$ – rottura del cono di calcestruzzo dell'ancoraggio a trazione

$\frac{N_{Ed}}{N_{Rd,p}} = 0\%$ – rottura a pullout del calcestruzzo

$\frac{N_{Ed}}{N_{Rd,cb}} = 0\%$ – rottura a blowout del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,c}} = 7\%$ – rottura del bordo del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,cb}} = 4\%$ – rottura a pryout del calcestruzzo

Armatura supplementare (EN 1992-4 – 7.2.1.9)
L'armatura supplementare dovrebbe resistere alla forza di 46,9 kN in trazione.

Risultati dettagliati per A14

Le seguenti verifiche degli ancoraggi caricati a trazione non sono fornite e devono essere verifichati utilizzando le informazioni in relative European Technical Product Specification:

- Rottura a pull-out del fissaggio (per ancoraggi meccanici post-installati) - EN 1992-4 – 7.2.1.5
- Rottura combinata del calcestruzzo e a pull-out (per ancoraggi post-installati) - EN 1992-4 – 7.2.1.6
- Rottura per splitting del calcestruzzo - EN 1992-4 – 7.2.1.7

La rottura per blow-out del calcestruzzo dell'ancoraggio con testa a trazione è fornita solo per ancoraggi con rosetta.

Resistenza a trazione dell'ancoraggio (EN 1992-4 – 7.2.1.3)

$N_{Rd,s} = \frac{N_{Rk,s}}{\gamma_{Ms}} =$ 71,2 kN ≥ $N_{Ed} =$ 8,0 kN

$N_{Rk,s} = c \cdot A_s \cdot f_{uk} =$ 106,8 kN

Dove:

$c =$ 0,85 – fattore di riduzione per taglio filettatura

$A_s =$ 157 mm^2 – area soggetta alla trazione

$f_{uk} =$ 800,0 MPa – resistenza alla trazione minima del bullone

$\gamma_{Ms} =$ 1,50 – coefficiente di sicurezza per acciaio

$\gamma_{Ms} = 1,2 \cdot \frac{f_{uk}}{f_{yk}} \geq 1,4$

, dove:

$f_{yk} =$

640,0 MPa – tensione di snervamento minima del bullone

Resistenza a taglio (EN 1992-4 – 7.2.2.3.1)

$V_{Rd,s} =$ 50,2 kN ≥ $V_{Ed} =$ 0,8 kN

$V_{Rk,s} = k_7 \cdot V^0_{Rk,s} =$ 62,8 kN

Dove:

$k_7 =$ 1,00 – coefficiente di duttilità dell'acciaio dell'ancoraggio

$k_7 = \begin{cases} 0,8, & A < 0,08 \\ 1.0, & A \geq 0,08 \end{cases}$

, dove:

$A =$

0,12 – allungamento della classe del bullone al rottura

$V^0_{Rk,s} =$ 62,8 kN – la resistenza caratteristica a taglio

$V^0_{Rk,s} = k_6 \cdot A_s \cdot f_{uk}$

, dove:

$k_6 =$

0,50 – coefficiente per resistenza all'ancoraggio a taglio

$A_s =$

157 mm^2 – area soggetta alla trazione

$f_{uk} =$

800,0 MPa – resistenza alla rottura specificata dell'acciaio dell'ancoraggio

$\gamma_{Ms} =$ 1,25 – coefficiente di sicurezza per acciaio

Interazione delle forze di trazione e taglio nell'acciaio (EN 1992-4 – Tabella 7.3)

$(\frac{N_{Ed}}{N_{Rd,s}})^2 +$ 0,01 ≤ 1,0

Dove:

$N_{Ed} =$ 8,0 kN – forza di trazione di progetto

$N_{Rd,s} =$ 71,2 kN – resistenza alla trazione del fissaggio

$V_{Ed} =$ 0,8 kN – sforzo di taglio di progetto

$V_{Rd,s} =$ 50,2 kN – resistenza al taglio del fissaggio

Interazione delle forze di trazione e taglio nel calcestruzzo (EN 1992-4 – Tabella 7.3)

$(\frac{N_{Ed}}{N_{Rd,}})^{1,5} +$ 0,01 ≤ 1,0

Dove:

$\frac{N_{Ed}}{N_{Rd,}}$ – il valore di utilizzo più grande per le modalità di rottura per trazione

$\frac{V_{Ed}}{V_{Rd,s}}$ – il valore di utilizzo più grande per le modalità di rottura per taglio

$\frac{N_{Ed,g}}{N_{Rd,c}} = 0\%$ – rottura del cono di calcestruzzo dell'ancoraggio a trazione

$\frac{N_{Ed}}{N_{Rd,p}} = 0\%$ – rottura a pullout del calcestruzzo

$\frac{N_{Ed}}{N_{Rd,cb}} = 0\%$ – rottura a blowout del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,c}} = 0\%$ – rottura del bordo del calcestruzzo

$\frac{V_{Ed}}{V_{Rd,cb}} = 4\%$ – rottura a pryout del calcestruzzo

Armatura supplementare (EN 1992-4 – 7.2.1.9)
L'armatura supplementare dovrebbe resistere alla forza di 46,9 kN in trazione.

Saldature

Elemento	Bordo	T_w [mm]	L [mm]	Carichi	$\sigma_{w,Ed}$ [MPa]	ε_{Pl} [%]	$\sigma_{\perp}$ [MPa]	$\tau_{\perp}$ [MPa]	$\tau_{\parallel}$ [MPa]	Ut [%]	Ut_c [%]	Dettagli costruttivi	Stato
SEP1a	Traverso HEA160-tfl 1	◢ 4,0	159	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	99,6	0,0	-12,2	-6,2	-56,8	24,6	22,3	OK	OK
SEP1a	Traverso HEA160-bfl 1	◢ 4,0	159	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	136,6	0,0	-28,0	52,9	56,2	33,7	27,8	OK	OK
SEP1b	Trave long. HEA160-bfl 1	◢ 4,0 ◣	158	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	33,4	0,0	20,2	9,6	11,9	8,2	8,2	OK	OK
		◢ 4,0 ◣	158	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	18,2	0,0	7,3	7,3	-6,2	4,5	4,5	OK	OK
SEP1b	Trave long. HEA160-tfl 1	◢ 4,0 ◣	158	196 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	16,2	0,0	-8,6	6,9	-3,8	4,0	4,0	OK	OK
		◢ 4,0 ◣	158	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	24,8	0,0	12,9	-6,0	-10,7	6,1	6,1	OK	OK
SEP1b	Trave long. HEA160-w 1	◢ 4,0 ◣	141	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	29,2	0,0	13,5	13,4	6,6	7,2	6,4	OK	OK

		◢ 4,0 ◣	141	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	29,8	0,0	13,2	-13,3	-7,8	7,4	6,5	OK	OK
Traverso HEA160-bfl 1	IRR	◢ 4,0 ◣	57	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	95,6	0,0	-9,9	-10,0	54,0	23,6	17,8	OK	OK
		◢ 4,0 ◣	57	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	95,3	0,0	-10,0	9,8	-53,9	23,6	17,8	OK	OK
Traverso HEA160-w 1	IRR	◢ 4,0 ◣	94	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	84,8	0,0	14,7	14,9	-45,9	21,0	16,3	OK	OK
		◢ 4,0 ◣	94	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	84,9	0,0	15,6	-15,4	45,7	21,0	16,3	OK	OK
Traverso HEA160-tfl 1	IRR	◢ 4,0 ◣	57	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	19,4	0,0	0,5	1,7	11,0	4,8	4,8	OK	OK
		◢ 4,0 ◣	57	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	20,3	0,0	-0,4	-1,7	-11,6	5,0	5,0	OK	OK
SEP1a	IRR	◢ 4,0 ◣	132	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	38,9	0,0	19,6	19,4	0,4	9,6	6,3	OK	OK
		◢ 4,0 ◣	132	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	37,7	0,0	17,0	-15,4	11,9	9,3	6,7	OK	OK
Traverso HEA160-bfl 1	IRR1	◢ 3,0 ◣	57	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7	42,9	0,0	9,8	9,5	-22,2	10,6	10,6	OK	OK

				tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]									
		◢ 3,0 ◣	57	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	42,5	0,0	8,1	-8,1	22,7	10,5	10,5	OK	OK
Traverso HEA160-w 1	IRR1	◢ 3,0 ◣	94	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	55,1	0,0	27,1	27,2	5,4	13,6	12,2	OK	OK
		◢ 3,0 ◣	94	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	56,5	0,0	28,3	-27,8	-4,5	13,9	12,2	OK	OK
Traverso HEA160-tfl 1	IRR1	◢ 3,0 ◣	57	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	26,6	0,0	-3,3	-3,2	14,9	6,6	6,6	OK	OK
		◢ 3,0 ◣	57	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	25,3	0,0	-2,4	2,5	-14,3	6,3	6,3	OK	OK
SP2	SP1	◢ 8,0 ◣	298	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	26,8	0,0	5,7	-14,4	-4,4	6,6	6,5	OK	OK
		◢ 8,0 ◣	298	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	37,5	0,0	23,9	14,5	8,3	9,3	8,1	OK	OK
SP1	SP3	◢ 8,0 ◣	99	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	209,2	0,0	-79,4	80,0	78,1	51,7	35,7	OK	OK
		◢ 8,0 ◣	99	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	209,9	0,0	-80,3	-79,7	-78,6	51,9	35,7	OK	OK
SP2	SP3	◢ 8,0 ◣	129	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7	123,6	0,0	-50,6	50,4	-41,2	30,5	24,0	OK	OK

				tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]									
		◢ 8,0 ◣	129	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	123,5	0,0	-50,3	-50,5	41,1	30,5	24,0	OK	OK

Dati Progetto

Materiale	f_u [MPa]	β_w [-]	$\sigma_{w,Rd}$ [MPa]	0.9 σ [MPa]
S275	430,0	0,85	404,7	309,6

Risultati dettagliati per SEP1a / Traverso HEA160-tfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 99,6 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 17,4 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,25 ≤ 1,0

Dove:

$\sigma_{w,Ed} =$ 99,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd} =$ 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp =$ 17,4 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd} =$ 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 6,1 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))

Risultati dettagliati per SEP1a / Traverso HEA160-bfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 136,6 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 28,0 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,34 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 136,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -28,0 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 6,1 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))

Risultati dettagliati per SEP1b / Trave long. HEA160-bfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 33,4 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 20,8 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,08 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 33,4 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 20,8 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / Trave long. HEA160-bfl 1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 18,2 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 7,6 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,04 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 18,2 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -7,6 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / Trave long. HEA160-tfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 16,2 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 9,4 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,04 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 16,2 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -9,4 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / Trave long. HEA160-tfl 1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 24,8 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 14,7 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,06 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 24,8 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 14,7 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / Trave long. HEA160-w 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5} =$ 29,2 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_{\perp}| =$ 13,5 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}}) =$ 0,07 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 29,2 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 13,5 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / Trave long. HEA160-w 1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5} =$ 29,8 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_{\perp}| =$ 13,2 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}}) =$ 0,07 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 29,8 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 13,2 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per Traverso HEA160-bfl 1 / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 95,6 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 26,9 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,24 ≤ 1,0

Dove:

$\sigma_{w,Ed} =$ 95,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd} =$ 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp =$ -26,9 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd} =$ 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per Traverso HEA160-bfl 1 / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 95,3 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 26,0 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,24 ≤ 1,0

Dove:

$\sigma_{w,Ed} =$ 95,3 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd} =$ 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp =$ -26,0 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd} =$ 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per Traverso HEA160-w 1 / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 84,8 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 14,7 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,21 ≤ 1,0

Dove:

$\sigma_{w,Ed} =$ 84,8 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd} =$ 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp =$ 14,7 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd} =$ 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per Traverso HEA160-w 1 / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 84,9 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 15,6 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,21 ≤ 1,0

Dove:

$\sigma_{w,Ed} =$ 84,9 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd} =$ 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp =$ 15,6 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd} =$ 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per Traverso HEA160-tfl 1 / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 19,4 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 2,1 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,05 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 19,4 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 2,1 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per Traverso HEA160-tfl 1 / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 20,3 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 1,5 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,05 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 20,3 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 1,5 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1a / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 38,9 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 19,6 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,10 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 38,9 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 19,6 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1a / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5} =$ 37,7 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_{\perp}| =$ 18,1 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}}) =$ 0,09 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 37,7 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 18,1 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per Traverso HEA160-bfl 1 / IRR1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5} =$ 42,9 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_{\perp}| =$ 14,1 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}}) =$ 0,11 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 42,9 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 14,1 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 3,4 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))

Risultati dettagliati per Traverso HEA160-bfl 1 / IRR1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 42,5 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 14,0 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,11 ≤ 1,0

Dove:

$\sigma_{w,Ed} =$ 42,5 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd} =$ 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp =$ 14,0 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd} =$ 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 3,4 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))

Risultati dettagliati per Traverso HEA160-w 1 / IRR1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 55,1 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 27,1 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,14 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 55,1 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 27,1 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 3,4 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))

Risultati dettagliati per Traverso HEA160-w 1 / IRR1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5} =$ 56,5 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_{\perp}| =$ 28,3 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}}) =$ 0,14 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 56,5 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 28,3 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 3,4 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))

Risultati dettagliati per Traverso HEA160-tfl 1 / IRR1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5} =$ 26,6 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_{\perp}| =$ 4,0 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,07 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 26,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 4,0 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 3,4 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))

Risultati dettagliati per Traverso HEA160-tfl 1 / IRR1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 25,3 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 3,9 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,06 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 25,3 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 3,9 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 3,4 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))

Risultati dettagliati per SP2 / SP1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 26,8 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 11,5 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,07 ≤ 1,0

Dove:

$\sigma_{w,Ed} =$ 26,8 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd} =$ 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp =$ 11,5 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd} =$ 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SP2 / SP1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 37,5 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 23,9 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

$\gamma_{M2} =$ 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,09 ≤ 1,0

Dove:

$\sigma_{w,Ed} =$ 37,5 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd} =$ 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp =$ 23,9 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd} =$ 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SP1 / SP3 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 209,2 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 79,4 MPa

dove:

$f_u =$ 430,0 MPa – Resistenza Ultima

$\beta_w =$ 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,52 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 209,2 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -79,4 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SP1 / SP3 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 209,9 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 80,3 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,52 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 209,9 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -80,3 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SP2 / SP3 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 123,6 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 50,6 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,31 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 123,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = -50,6 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SP2 / SP3 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5} =$ 123,5 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_{\perp}| =$ 50,3 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}}) =$ 0,31 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 123,5 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = -50,3 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Blocco di calcestruzzo

Elemento	Carichi	c [mm]	A_{eff} [mm²]	σ [MPa]	k_j [-]	f_{jd} [MPa]	Ut [%]	Stato
CB 1	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	25	3940	6,0	2,89	32,2	18,7	OK

Risultati dettagliati per CB 1

Verifica resistenza a compressione del blocco di calcestruzzo (EN 1993-1-8 – 6.2.5)

f_{jd} = 32,2 MPa ≥ σ = 6,0 MPa

Dove:

f_{jd} – resistenza di progetto del blocco di calcestruzzo:

$f_{jd} = \alpha_{cc} \beta_j k_j \frac{f_{ck}}{\gamma_c}$

, dove:

α_{cc} =

1,00 – effetti a lungo termine sul fattore di resistenza a compressione

β_j =

0,67 – coefficiente di qualità della malta

k_j =

2,89 – fattore di concentrazione

f_{ck} =

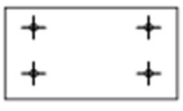
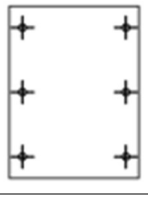
25,0 MPa – resistenza caratteristica a compressione del calcestruzzo
γ_c =
1,50 – fattore di sicurezza per calcestruzzo
σ – sollecitazione di compressione media nel calcestruzzo sotto la piastra di base
$\sigma = \frac{N}{A_{eff}}$
, dove:
N =
23,7 kN – forza normale di compressione che agisce sul blocco di calcestruzzo
A_{eff} =
3940 mm^2 – area effettiva su cui viene distribuita la forza normale

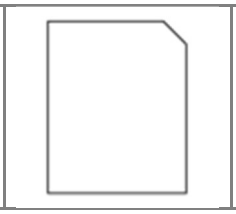
Stabilità

Analisi stabilità non calcolata.

Distinta dei materiali

Operazioni di produzione

Nome	Piastre [mm]	Forma	N.	Saldature Spessore gola [mm]	Lunghezza [mm]	Bulloni	N.
SEP1	P12,0x160,0-143,0 (S275)		1	a T: 4,0 Raccordo: 4,0 Raccordo: 4,0	805,0 160,0 160,0	M12 8.8	4
	P15,0x160,0-143,0 (S275)		1				
	P10,0x77,0-134,0 (S275)		1				
IRR1	P10,0x77,0-134,0 (S275)		1	a T: 3,0	208,0		
SP1	P15,0x300,0-160,0 (S275)		1			M12 8.8	4
SP2	P15,0x300,0-400,0 (S275)		1			M16 8.8	6

SP3	P15,0x120,0-150,0 (S275)		1	a T: 8,0	100,0		

Saldature

Tipo	Materiale	Spessore gola [mm]	Spessore gamba [mm]	Lunghezza [mm]
Raccordo	S275	4,0	5,7	160,0
Raccordo	S275	4,0	5,7	160,0
a T	S275	4,0	5,7	805,0
a T	S275	3,0	4,2	208,0
a T	S275	8,0	11,3	530,0

Ancoraggi

Nome	Lunghezza [mm]	Lunghezza di perforazione [mm]	Conteggio
M16 8.8	265	250	6

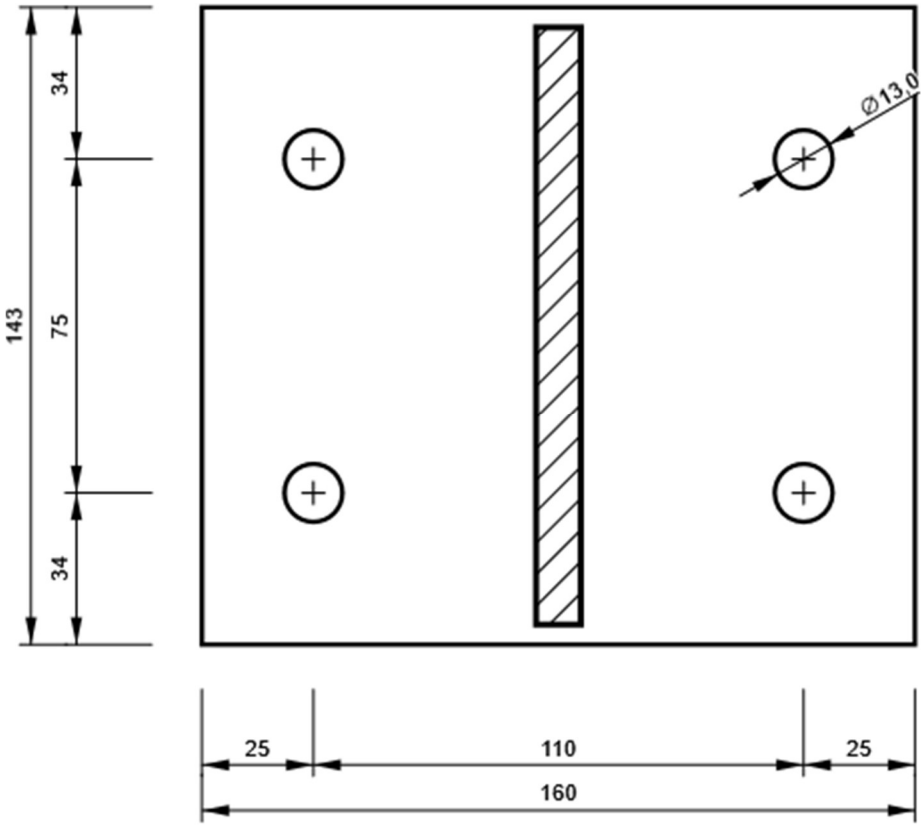
Bulloni

Nome	Lunghezza di attrito [mm]	Conteggio
M12 8.8	27	4
M12 8.8	24	4

Disegno

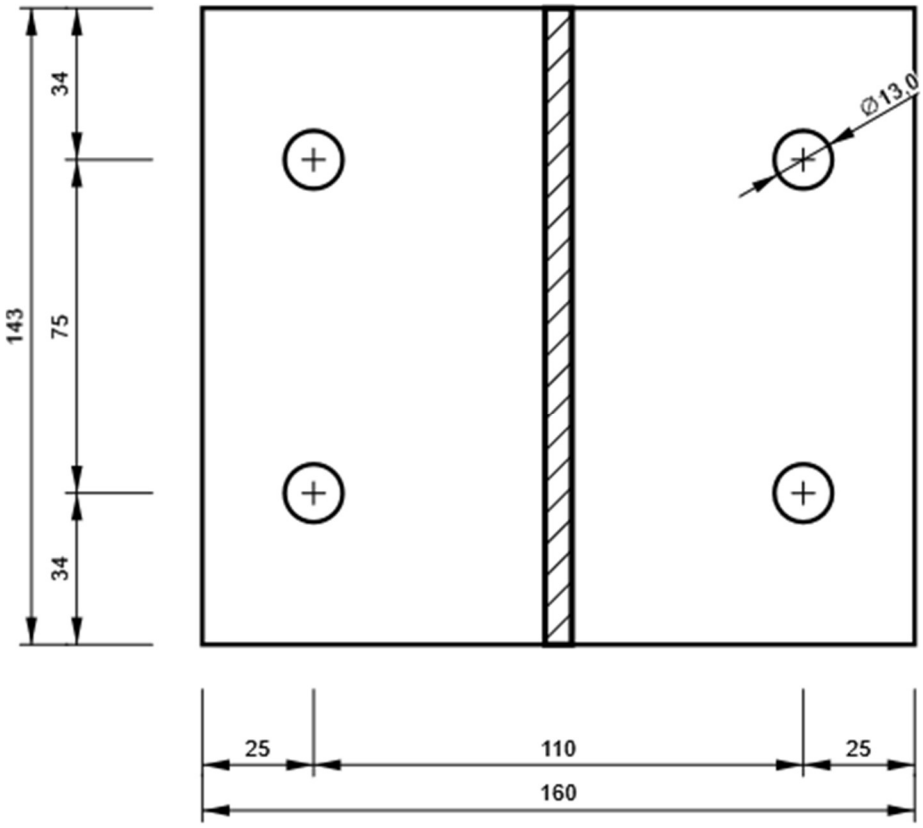
SEP1 - SEP1a

P12,0x143-160 (S275)



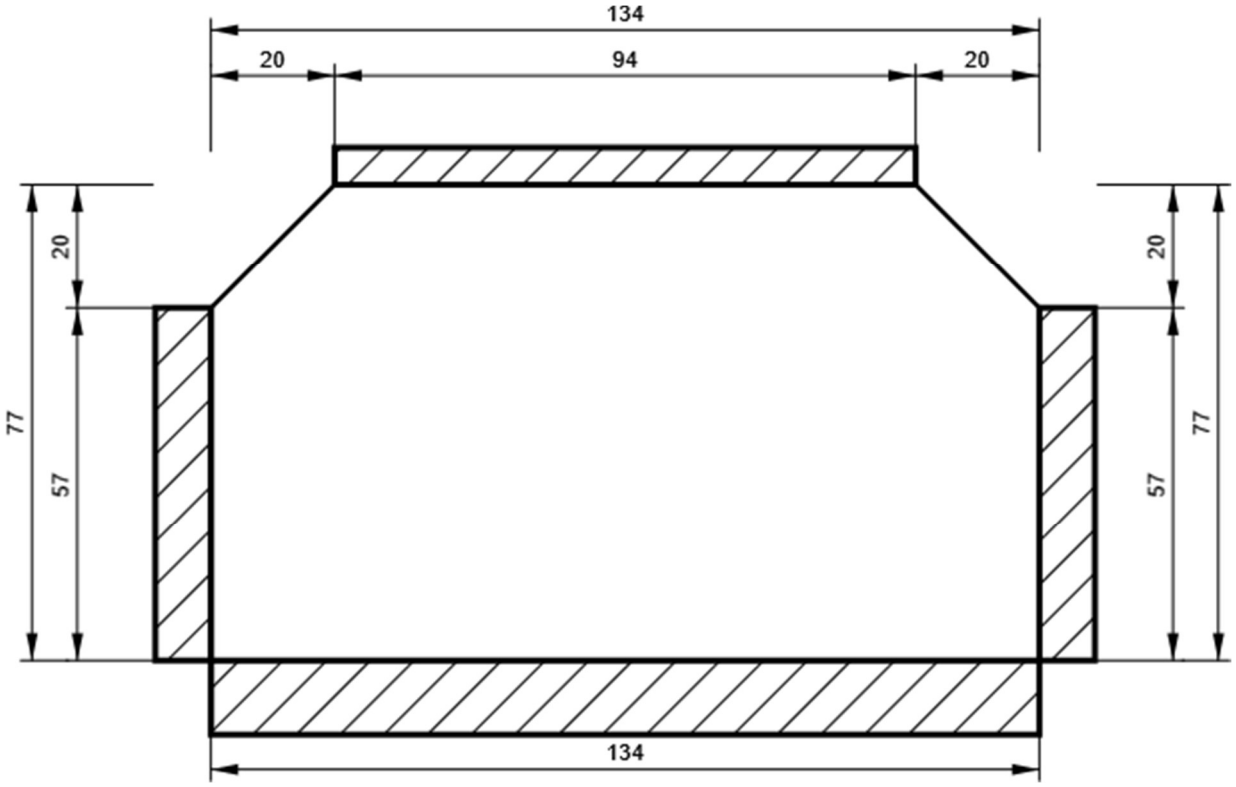
SEP1 - SEP1b

P15,0x143-160 (S275)



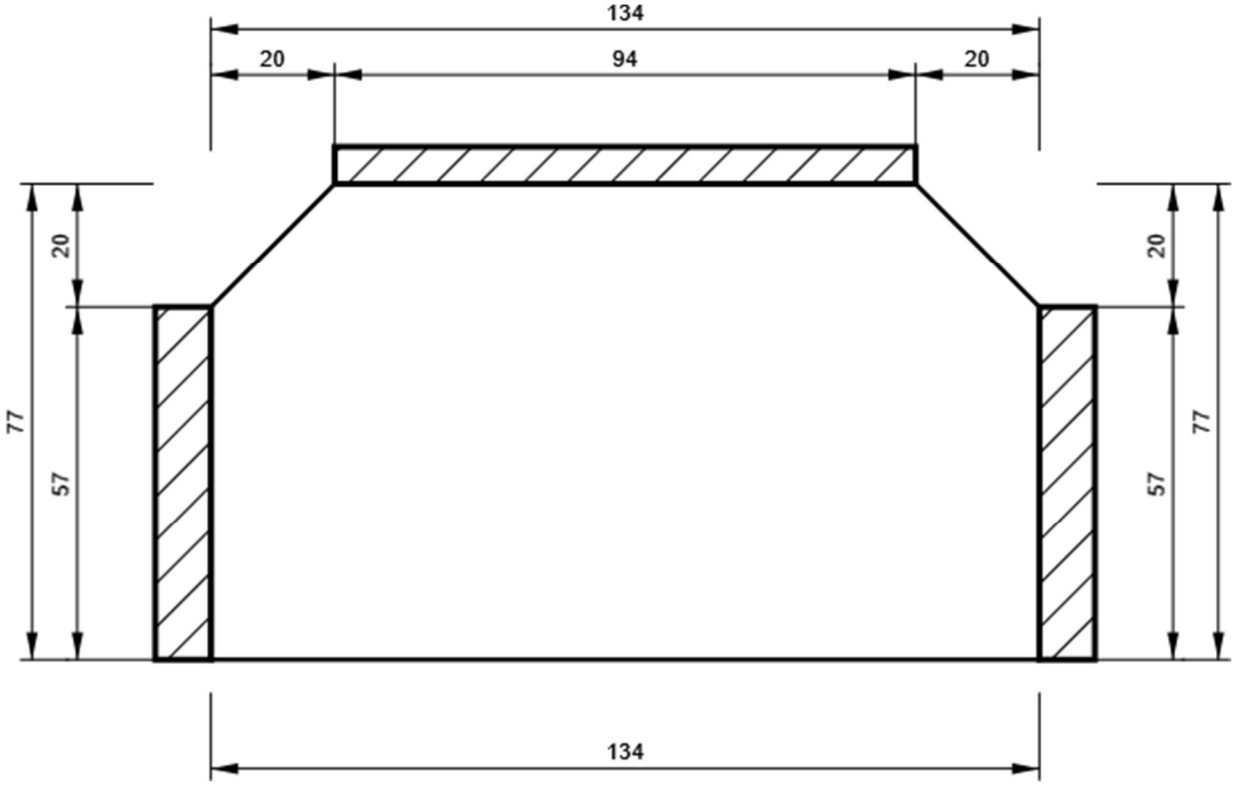
SEP1 - IRR

P10,0x134-77 (S275)



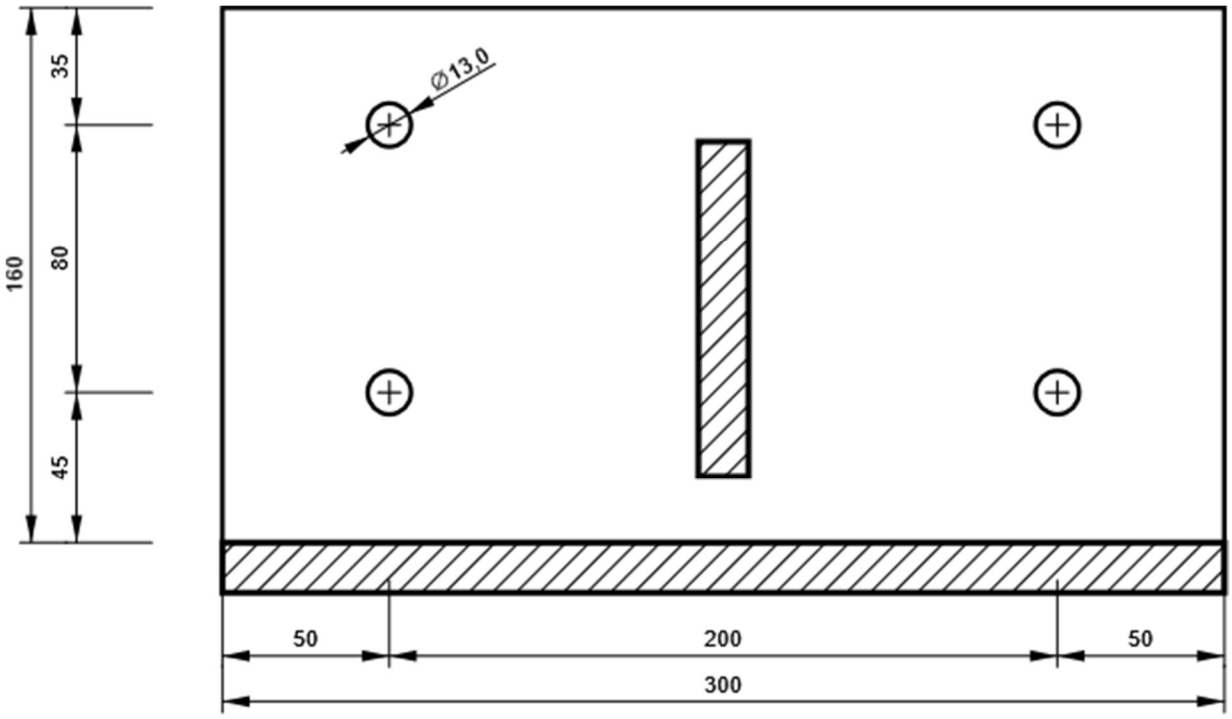
IRR1

P10,0x134-77 (S275)



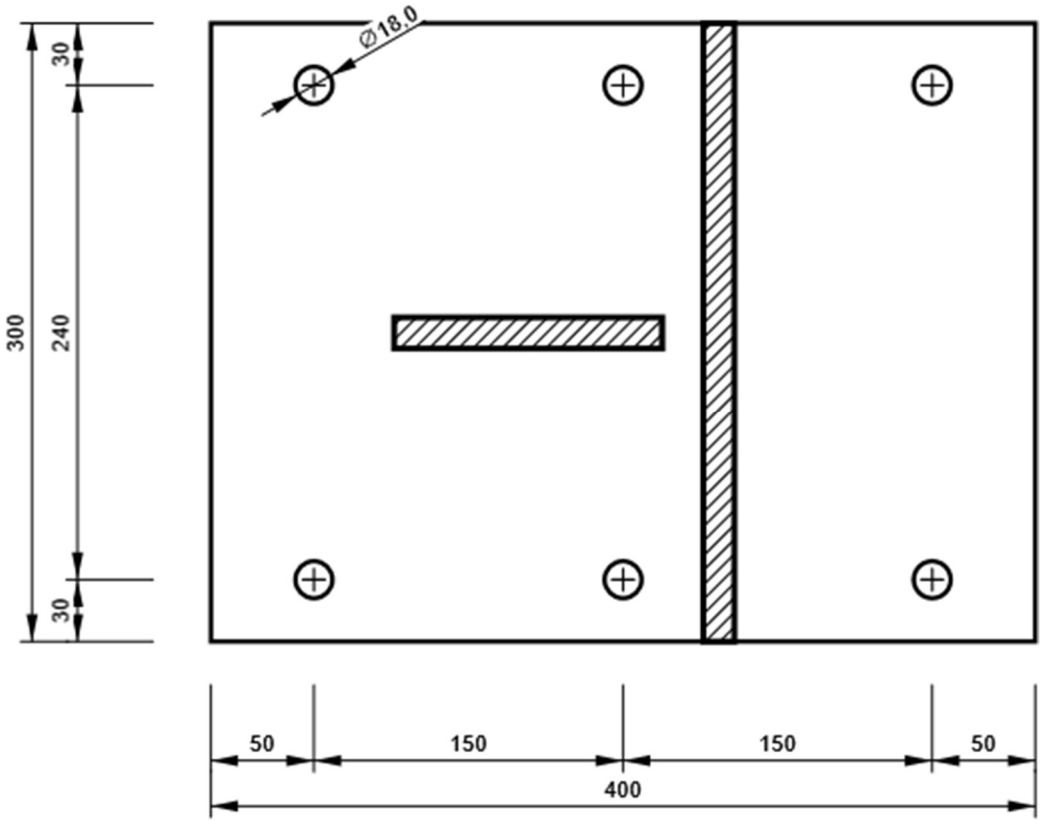
SP1

P15,0x160-300 (S275)



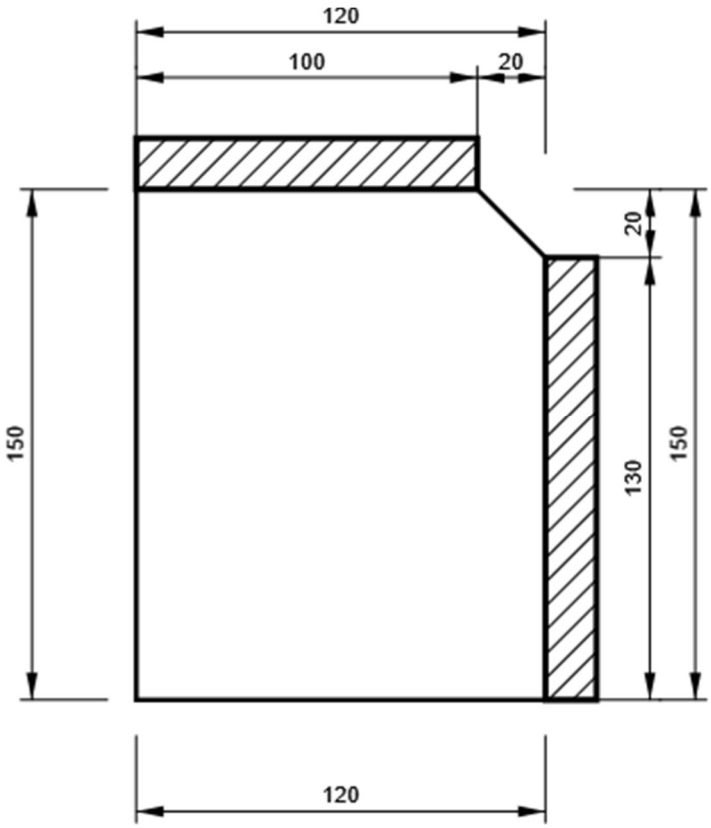
SP2

P15,0x400-300 (S275)

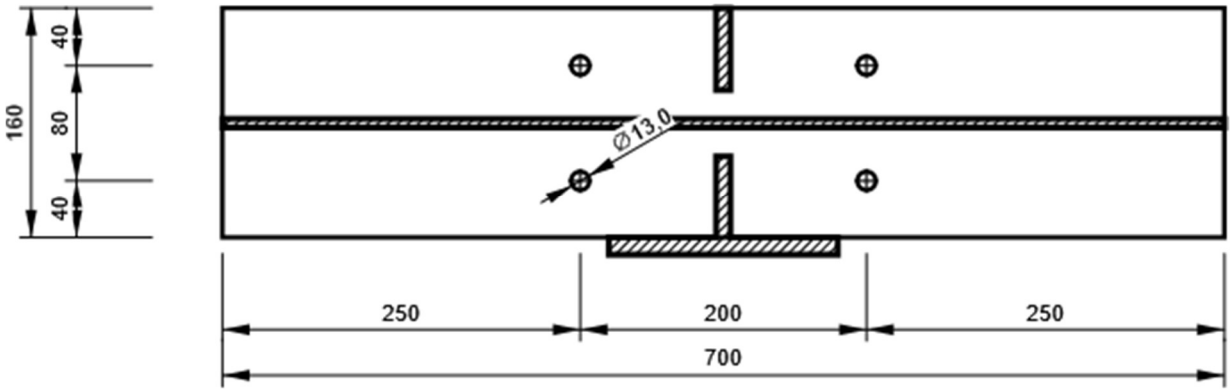


SP3

P15,0x150-120 (S275)



Traverso HEA160, HEA160 - Ala inferiore 1:



Spiegazione dei simboli

Simbolo	Spiegazione
t_p	Spessore piastra
σ_{Ed}	Sforzo equivalente
ε_{Pl}	Deformazione Plastica
$\sigma_{c,Ed}$	Tensione di contatto
f_y	Tensione di snervamento
ε_{lim}	Limite di deformazione plastica
$F_{t,Ed}$	Forza di trazione
$F_{v,Ed}$	Risultante delle forze di taglio del bullone Vy e Vz nei piani di taglio
$F_{b,Rd}$	Resistenza di progetto della piastra EN 1993-1-8 – Tab. 3.4
Ut_t	Utilizzo in trazione
Ut_s	Utilizzo a taglio
Ut_{ts}	Interazione di trazione e taglio EN 1993-1-8 – Tab. 3.4

$F_{t,Rd}$	Resistenza a trazione dei bulloni EN 1993-1-8 – Tab. 3.4
$B_{p,Rd}$	Resistenza a taglio a punzonamento EN 1993-1-8 – Tab. 3.4
$F_{v,Rd}$	Resistenza a taglio dei bulloni EN 1993-1-8 – Tab. 3.4
N_{Ed}	Forza di trazione
V_{Ed}	Risultante delle forze di taglio del bullone Vy e Vz nei piani di taglio
$V_{Rd,c}$	Resistenza di progetto in caso di rottura del cono di calcestruzzo sotto carico di taglio - EN 1992-4 – 7.2.2.5
$V_{Rd,cp}$	Resistenza di progetto in caso di rottura del calcestruzzo per pryout - EN 1992-4 – 7.2.2.4
$N_{Rd,s}$	Resistenza di progetto alla trazione di un elemento di fissaggio in caso di rottura dell'acciaio - EN 1992-4 – 7.2.1.3
$V_{Rd,s}$	Resistenza di progetto a taglio di un elemento di fissaggio in caso di rottura dell'acciaio - EN 1992-4 – 7.2.2.3.1
T_w	Spessore della gola a
L	Lunghezza
$\sigma_{w,Ed}$	Sforzo equivalente
$\sigma_{\perp}$	Tensione perpendicolare
$\tau_{\perp}$	Sforzo di taglio perpendicolare all'asse della saldatura
$\tau_{\parallel}$	Sforzo di taglio parallelo all'asse della saldatura
Ut	Utilizzo
Ut_c	Stima della capacità della saldatura
◢	Saldatura riempita
f_u	Resistenza ultima della saldatura
β_w	Fattore di correlazione EN 1993-1-8 – Tab. 4.1
$\sigma_{w,Rd}$	Resistenza sforzo equivalente
0.9 σ	Resistenza allo sforzo perpendicolare: 0.9*fu/γM2
c	Larghezza del supporto
A_{eff}	Area effettiva
σ	Tensione media nel calcestruzzo
k_j	Fattore di Concentrazione
f_{jd}	La portata ultima del basamento in calcestruzzo

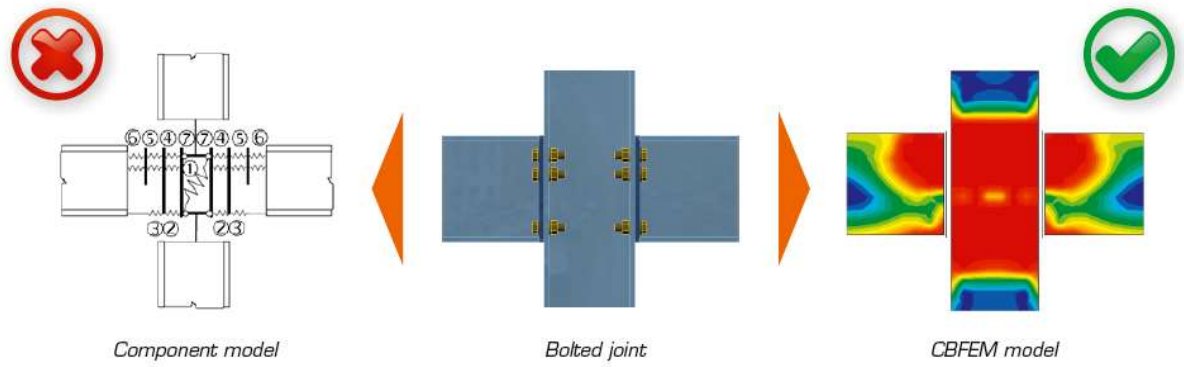
Impostazioni codice

Elemento	Valore	Unità	Riferimento
Coefficiente di sicurezza γ_{M0}	1,00	-	EN 1993-1-1: 6.1
Coefficiente di sicurezza γ_{M1}	1,00	-	EN 1993-1-1: 6.1
Coefficiente di sicurezza γ_{M2}	1,25	-	EN 1993-1-1: 6.1
Coefficiente di sicurezza γ_{M3}	1,25	-	EN 1993-1-8: 2.2
Coefficiente di sicurezza γ_C	1,50	-	EN 1992-1-1: 2.4.2.4
Coefficiente di sicurezza γ_{Inst}	1,20	-	EN 1992-4: Table 4.1
Coefficiente unione βj	0,67	-	EN 1993-1-8: 6.2.5
Area effettiva - influenza della dimensione della mesh	0,10	-	
Coefficiente di attrito - calcestruzzo	0,25	-	EN 1993-1-8
Coefficiente di attrito in resistenza all'attrito	0,30	-	EN 1993-1-8 scheda 3.7
Deformazione plastica limite	0,05	-	EN 1993-1-5
Dettagli costruttivi	Si		
Distanza tra i bulloni [d]	2,20	-	EN 1993-1-8: scheda 3.3
Distanza tra i bulloni e il bordo [d]	1,20	-	EN 1993-1-8: scheda 3.3
Resistenza a rottura conica del calcestruzzo	Taglio		EN 1992-4: 7.2.1.4 and 7.2.2.5
Usa il valore di αb calcolato nella verifica a rifollamento.	Si		EN 1993-1-8: scheda 3.4
Calcestruzzo fessurato	Si		EN 1992-4
Verifica di deformazione locale	Si		CIDECT DG 1, 3 - 1.1
Limite di deformazione locale	0,03	-	CIDECT DG 1, 3 - 1.1
Non linearità geometrica (GMNA)	Si		Grandi deformazioni per sezioni cave
Sistema controventato	No		EN 1993-1-8: 5.2.2.5

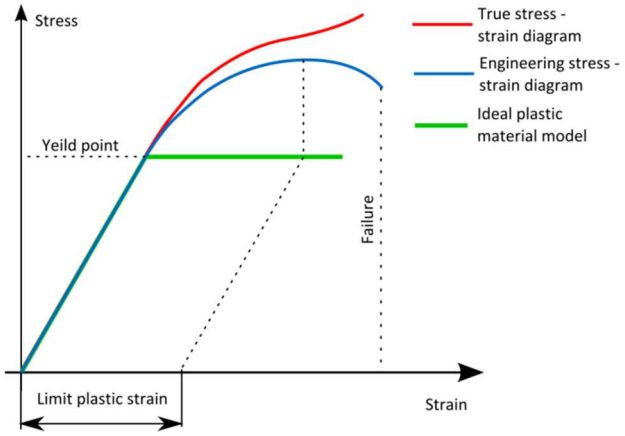
Theoretical Background

CBFEM versus Component method

The weak point of standard Component method is in analyzing of internal forces and stress in a joint. CBFEM replaces specific analysis of internal forces in joint with general FEA.



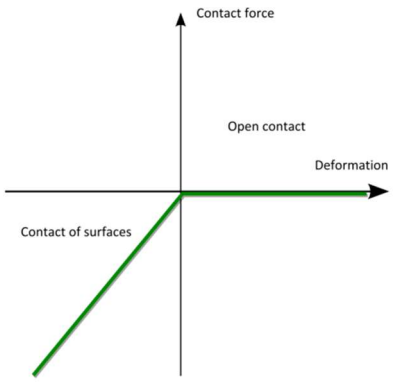
Check methods of specific components like bolts or welds are done according to standard Component method (Eurocode).
For the fasteners – bolts and welds – special FEM components had to be developed to model the welds and bolts behaviour in joint. All parts of 1D members and all additional plates are modelled as plate/walls. These elements are made of steel (metal in general) and the behaviour of this material is significantly nonlinear.
The real stress-strain diagram of steel is replaced by the ideal plastic material for design purposes in building practice. The advantage of ideal plastic material is, that only yield strength and modulus of elasticity must be known to describe the material curve. The granted ductility of construction steel is 15 %. The real usable value of limit plastic strain is 5% for ordinary design (1993-1-5 appendix C paragraph C.8 note 1).
The stress in steel cannot exceed the yield strength when using the ideal elastic-plastic stress-strain diagram.



Real tension curve and the ideal elastic-plastic diagram of material

CBFEM method aims to model the real state precisely. Meshes of plates / walls are not merged, no intersections are generated between them, unlike it is used to when modelling structures and buildings. Mesh of finite elements is generated on each individual plate independently on mesh of other plates.
Between the meshes, special massless force interpolation constraints are added. They ensure the connection between the edge of one plate and the surface or edge of the other plate.

This unique calculation model provides very good results – both for the point of view of precision and of the analysis speed. The method is protected by patent.
The steel base plate is placed loosely on the concrete foundation. It is a contact element in the analysis model – the connection resists compression fully, but does not resist tension.

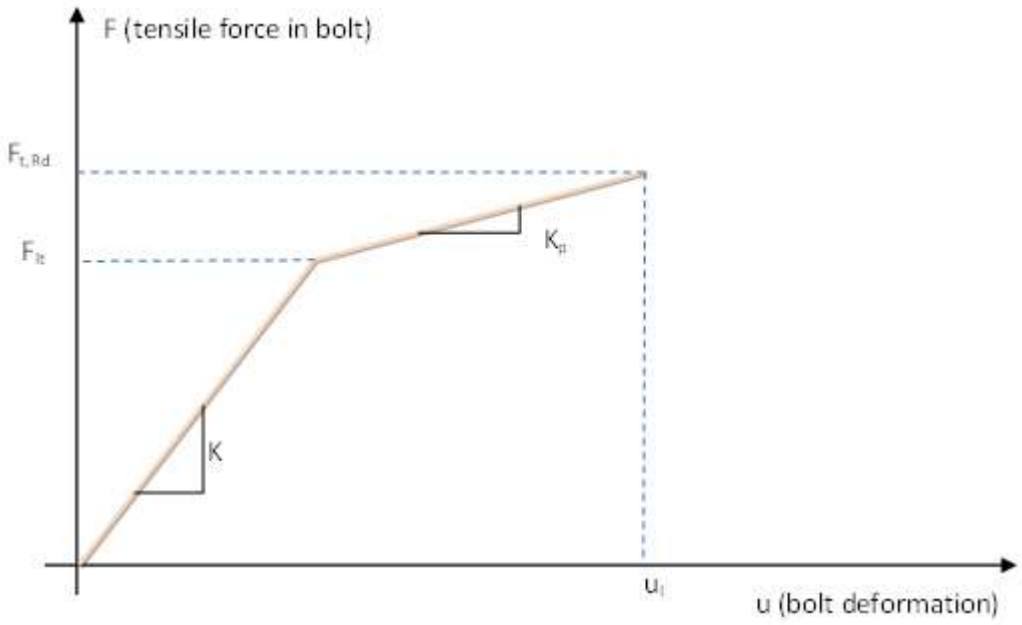


Stress-strain diagram of contact between the concrete block and the base plate

Welds are modelled using a special elastoplastic element, which is added to the interpolation links between the plates. The element respects the weld throat thickness, position and orientation. The plasticity state is controlled by stresses in the weld throat section. The plastic redistribution of stress in welds allows for stress peaks to be redistributed along the longer part of the weld.

Bolted connection consists of two or more clasped plates and one or more bolts. Plates are placed loosely on each other.
A contact element is inserted between plates in the analysis model, which acts only in compression. No forces are carried in tension.

Shear force is taken by bearing. Special model for its transferring in the force direction only is implemented. IDEA StatiCa Connection can check bolts for interaction of shear and tension. The bolt behavior is implemented according to the following picture.

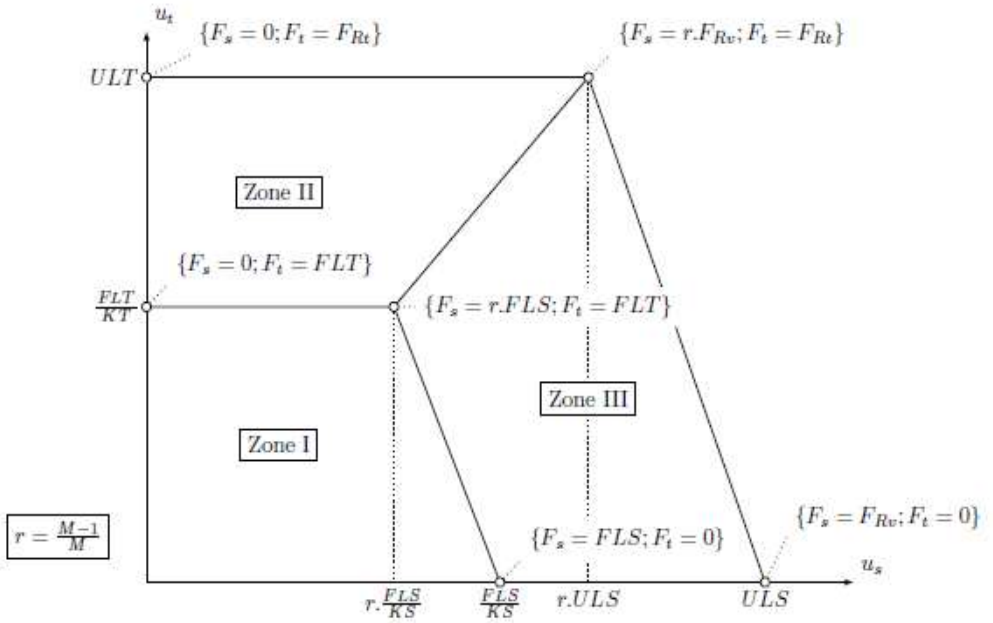


Bolt – tension

Symbols explanation:

- K – linear stiffness of bolt,
- K_p – stiffness of bolt at plastic branch,

- F_{lt} – limit force for linear behaviour of bolt,
- $F_{t,Rd}$ – limit bolt resistance,
- u_l – limit deformation of bolt.

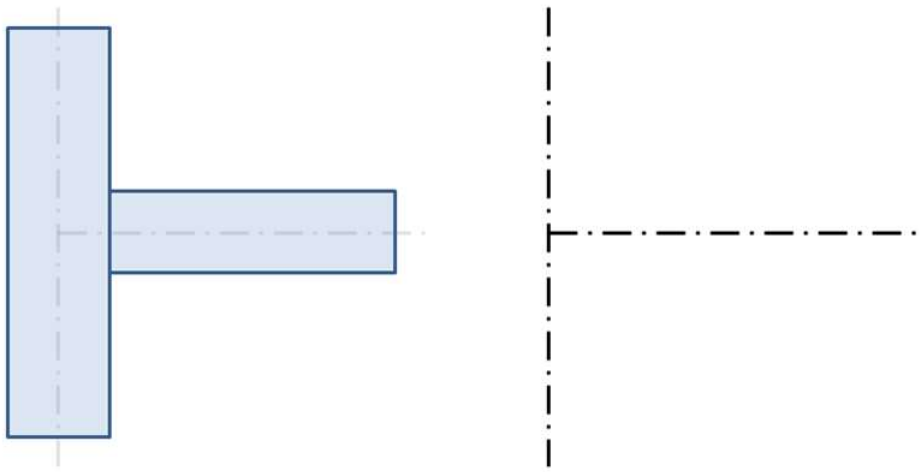


Bolt – interaction of shear and tension

The concrete block in CBFEM is modelled using Winkler-Pasternak subsoil model. The stiffness of subsoil is determined using modulus of elasticity of concrete and effective height of subsoil. The concrete block is not designed by CBFEM method.

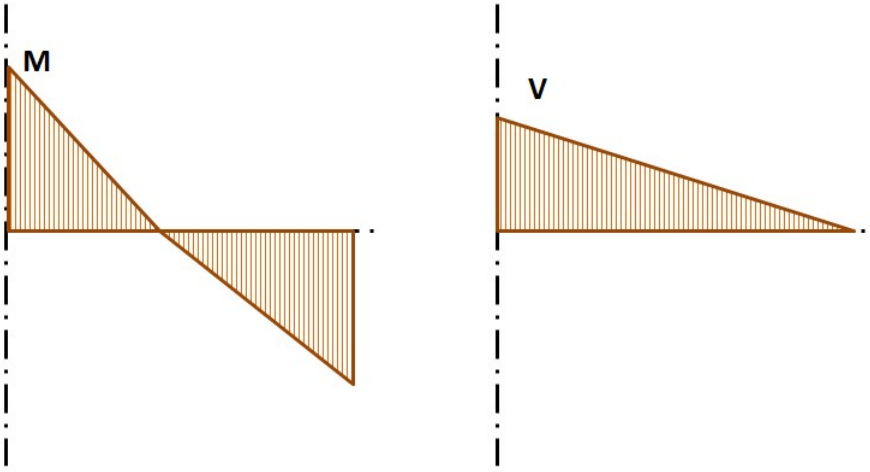
Loads

End forces of member of the frame analysis model are transferred to the ends of member segments. Eccentricities of members caused by the joint design are respected during load transfer. The analysis model created by CBFEM method corresponds to the real joint very precisely, whereas the analysis of internal forces is performed on very idealised 3D FEM 1D model, where individual beams are modelled using centrelines and the joints are modelled using immaterial nodes.



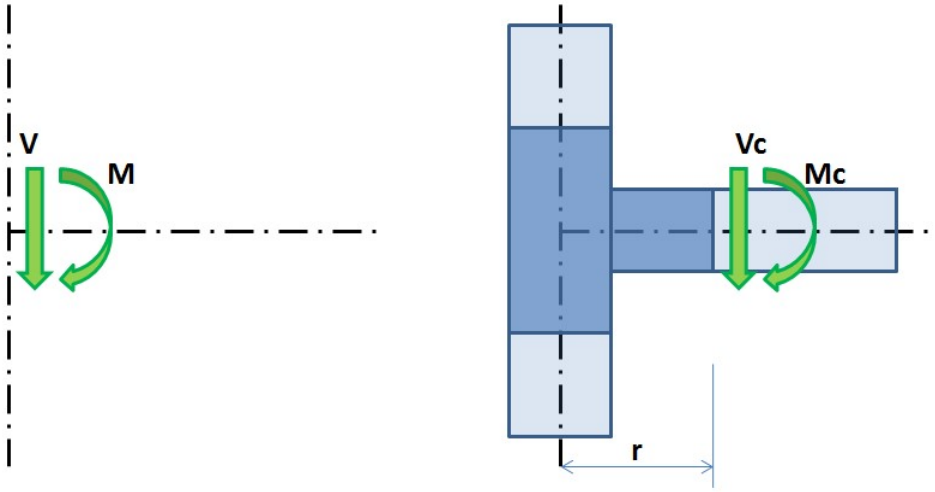
Joint of a vertical column and a horizontal beam

Internal forces are analysed using 1D members in 3D model. There is an example of courses of internal forces in the following picture.



Internal forces in horizontal beam. *M* and *V* are the end forces at joint.

The effects caused by member on the joint are important to design the joint (connection). The effects are illustrated in the following picture.



Effects of the member on the joint. CBFEM model is drawn in dark blue color.

Moment *M* and shear force *V* act in a theoretical joint. The point of theoretical joint does not exist in CBFEM model, thus the load cannot be applied here. The model must be loaded by actions *M* and *V*, which have to be transferred to the end of segment in the distance *r*.
$M_c = M - V \cdot r$
$V_c = V$
In CBFEM model, the end section of segment is loaded by moment M_c and force V_c.

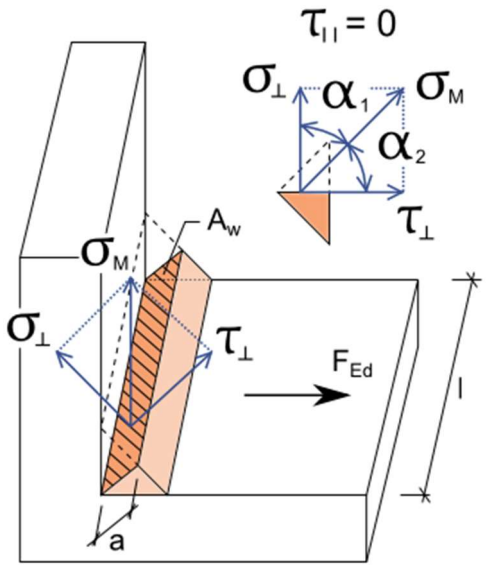
Welds

Design resistance

The stress in the throat section of fillet weld is determined according to EN 1993-1-8 – Cl. 4.5.3:
$\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3 (\tau_{\perp}^2 + \tau_{||}^2)]^{0.5}$
$\sigma_{w,Rd} = f_u / (\beta_w \gamma_{M2})$
$0.9 \cdot \sigma_{w,Rd} = f_u / \gamma_{M2}$

Weld utilisation

$U_t = \min (\sigma_{w,Ed}/\sigma_{w,Rd}; \sigma_\perp/0.9\cdot\sigma_{w,Rd})$
β_w – correlation factor – Tab. 4.1



Bolts

Design tension resistance of bolt: $F_{t,Rd} = 0.9\ f_{ub}\ A_s/\ \gamma_{M2}$.
Design shear resistance at punching of bolt head or nut EN 1993-1-8: $B_{p,Rd} = 0.6\ \pi\ d_m\ t_p\ f_u\ /\ \gamma_{M2}$.
Design shear resistance per one shear plane: $F_{v,Rd} = \alpha_v\ f_{ub}\ A\ /\ \gamma_{M2}$.
Design bearing resistance of plate EN 1993-1-8: $F_{b,Rd} = k_1\ a_b\ f_u\ d\ t\ /\ \gamma_{M2}$.
Utilisation in tension [%]: $Utt = F_{t,Ed}\ /\ \min (F_{t,Rd,}\ B_{p,Rd})$.
Utilisation in shear [%]: $Uts = V\ /\ \min (F_{v,Rd,}\ F_{b,Rd})$.
Interaction of shear and tension [%]: $Utts = (V\ /\ F_{v,Rd}\ ) + (F_{t,Ed}\ /\ 1.4\ F_{t,Rd})$.
where

- A – gross cross-section of the bolt or tensile stress area of the bolt if threads are intercepted by shear area,
- A_s – tensile stress area of the bolt,
- f_{ub} – ultimate tensile strength,
- d_m – bolt head diameter,
- d – bolt diameter,
- t_p – plate thickness under the bolt head/nut,
- f_u – ultimate steel strength,
- $\alpha_v = 0.6$ for classes (4.6, 5.6, 8.8)
  $\alpha_v = 0.5$ for classes (4.8, 5.8, 6.8, 10.9),
- $k_1 \le 2.5$ – factor from Table 3.4,
- $a_b \le 1.0$ – factor from Table 3.4,
- $F_{t,Ed}$ – design tensile force in bolt,
- V – resultant of shear forces in bolt.

Preloaded bolts

The design slip resistance of a preloaded class 8.8 or 10.9 bolt is subjected to an applied tensile force, $F_{t,Ed}$.
Preloading force to be used EN 1993-1-8 – 3.9 (3.7)
$F_{p,C} = 0.7\ f_{ub}$ As

Design slip resistance per bolt EN 1993-1-8 3.9 – (3.8)
$F_{s,Rd} = k_s\ n\ \mu\ (F_{p,C} - 0.8\ F_{t,Ed}) / \gamma_{M3}$
Utilisation in shear [%]:
$U_{ts} = V / F_{s,Rd}$ where

- A_s – tensile stress area of the bolt,
- f_{ub} – ultimate tensile strength,
- k_s – coefficient given in Table 3.6; $k_s = 1$,
- μ – slip factor obtained,
- n – number of the friction surfaces. Check is calculated for each friction surface separately,
- γ_{M3} – safety factor,
- V – shear force,
- $F_{t,Ed}$ – design tensile force in bolt.

Anchors

Anchors are checked according to EN 1992-4. The following checks are performed:

- Tensile steel resistance (Cl. 7.2.1.3) is checked for each individual anchor.
- Concrete cone failure resistance (Cl. 7.2.1.4) is checked for an anchor or a group of anchors loaded in tension with a common concrete cone.
- Pull-out resistance (Cl. 7.2.1.5) is checked for each individual anchor with washer plate.
- Concrete blowout resistance (Cl. 7.2.1.8) is checked for a group of anchors with washer plates near a concrete edge.
- Anchor shear steel resistance (Cl. 7.2.2.3) is checked for each individual anchor. Anchoring with stand-off: direct is considered as shear without lever arm (Cl. 7.2.2.3.1), and anchoring with stand-off: mortar joint is considered as shear with lever arm (Cl. 7.2.2.3.2).
- Concrete pryout failure (Cl. 7.2.2.4) is checked for a group of anchors.
- Concrete edge failure (Cl. 7.2.2.5) is checked for a group of anchors near a concrete edge. It is assumed that the full shear load acting on a base plate is transferred via this group of anchors.

Note that pull-out and combined pull-out and concrete failures of bonded anchors are not checked due to missing values of shear strength of glue. Concrete splitting failure is not checked due to missing splitting forces of post-installed anchor. These checks, if relevant, must be verified by anchor manufacturer.

Anchors with stand-off

Anchor with stand-off is designed as a bar element loaded by shear force, bending moment, and compressive or tensile force. The bar element is designed according to EN 1993-1-1. The linear interaction of tension (compression) and bending moment is assumed.

Concrete block

Concrete resistance at concentrated compression:
$F_{jd} = \beta_j\ k_j\ f_{ck} / \gamma_C$.
Average stress under the base plate:
$\sigma = N / A_{eff}$.

Utilisation in compression [%]:
$U_t = \sigma / F_{jd}$,
where

- f_{ck} – characteristic compressive concrete strength,
- $\beta_j = 0.67$ – foundation joint material coefficient,
- k_j – concentration factor,
- γ_c – safety factor,
- A_{eff} – effective area, on which the column force N is distributed.

Shear in concrete block

1. Shear is transferred only by friction:
   $V_{Rd,y} = N \cdot C_f$,
   $V_{Rd,z} = N \cdot C_f$.
2. Shear is transferred by shear iron:
   $V_{Rd,y} = A_{vy} \cdot f_y / (\sqrt{3}\, \gamma_{M0})$,
   $V_{Rd,z} = A_{vz} \cdot f_y / (\sqrt{3}\, \gamma_{M0})$.
   Plates of shear lug, welds to the base plate and concrete in bearing are checked.
3. Shear is transferred by anchors:
   Anchors loaded in shear are checked according to EN 1992-4.

Utilisation in shear [%]:
$U_t = \min (V_y/V_{Rd,y}, V_z/V_{Rd,z})$,
where

- A_{vy} – shear area of shear iron cross-section,
- A_{vz} – shear area of shear iron cross-section,
- f_y – yield strength,
- γ_{M0} – safety factor,
- V_y – shear force component in the base plate plane in y-direction,
- V_z – shear force component in the base plate plane in z-direction,
- N – compressive force perpendicular to the base plate,
- C_f – coefficient of friction between steel and concrete.

Informazioni sul Software

Applicazione	IDEA StatiCa Connection
Versione	24.0.2.1659
Sviluppato da	IDEA StatiCa

Materiale

Acciaio	S275

Progetto

Descrizione

Analisi Sforzo, deformazione/ carichi in equilibrio

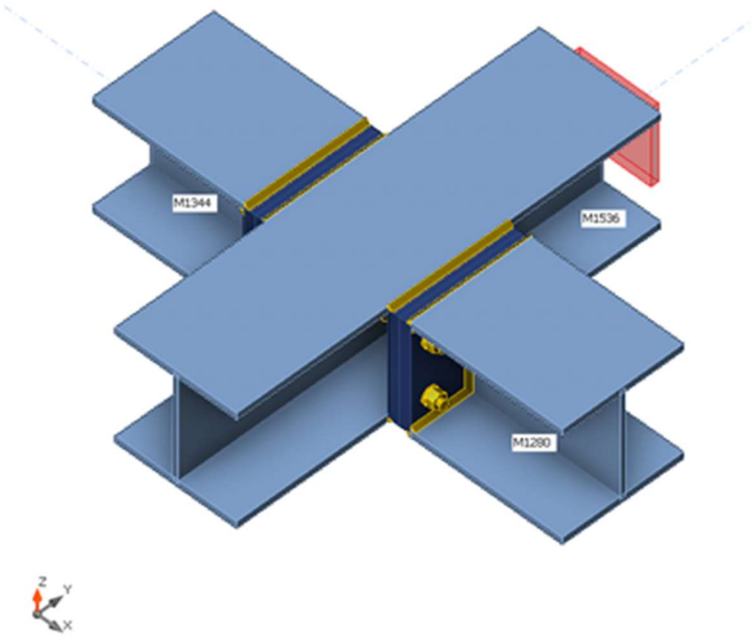
Membrature

Geometria

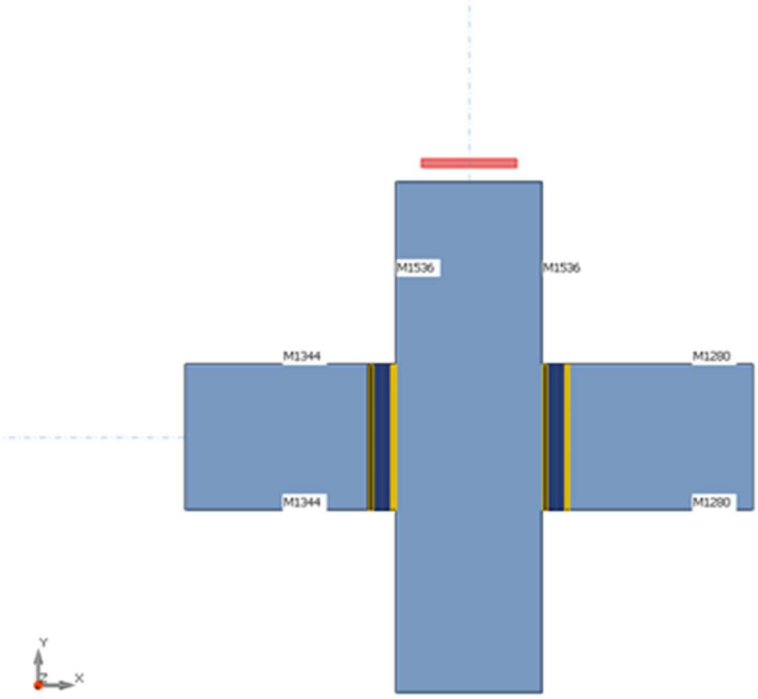
Nome	Sezione	β – Direzione [°]	γ - Pendenza [°]	α - Rotazione [°]	Offset ex [mm]	Offset ey [mm]	Offset ez [mm]
M1536	81619 - HEA160	-90,0	0,0	0,0	0	0	0
M1344	81619 - HEA160	-180,0	0,0	0,0	0	0	0
M1280	81619 - HEA160	-180,0	0,0	0,0	0	0	0

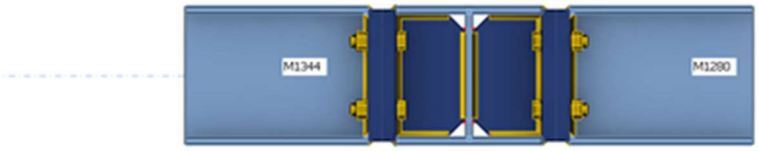
Vincoli e forze

Nome	Appoggio	Forze in	X [mm]
M1536 / inizio	N-Vy-Vz-Mx-My-Mz	Posizione	0
M1536 / fine		Posizione	0
M1344 / fine		Posizione	0
M1280 / inizio		Posizione	0

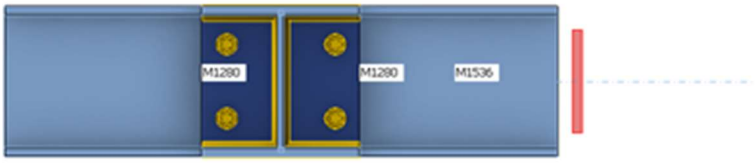


Verifica dei nodi







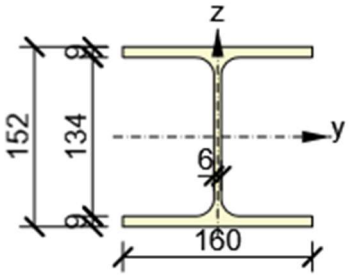




Sezioni

Nome	Materiale
81619 - HEA160	S275

Sezioni

Nome	Materiale	Disegno
81619 - HEA160	S275	

Bulloni

Nome	Diametro [mm]	f_y [MPa]	f_u [MPa]	Superficie lorda [mm^2]
M12 8.8	12	640,0	800,0	113

Effetti del carico (forze in equilibrio)

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
101 - 1.3x[1 G]	M1536 / Inizio	-0,3	0,0	0,3	0,0	0,7	0,0
	M1536 / Fine	0,3	0,0	-0,3	0,0	-0,7	0,0
	M1344 / Fine	0,0	0,0	0,0	0,0	-0,1	0,0
	M1280 / Inizio	-0,3	0,0	0,0	0,0	0,1	0,0
102 - 1.3x[1 G]+1.5x[3 Q]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
103 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
104 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
105 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
106 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
107 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[10 VX+S]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
108 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
109 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[11 VX+D]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
110 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
111 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[12 VX-S]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
112 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
113 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[13 VX-D]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
114 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
115 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[14 VY+S]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
116 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
117 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[15 VY+D]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
118 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
119 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[16 VY-S]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
120 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
121 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
122 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
123 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
124 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
125 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
126 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
127 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
128 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
129 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
130 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
131 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
132 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
133 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
134 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
135 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
136 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
137 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
138 - 1.3x[1 G]+1.5x[3 Q]+0.75x[2 NN]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
139 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.75x[2 NN]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
140 - 1.3x[1 G]+1.5x[3 Q]+0.75x[8 AccuNeveX+]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
141 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.75x[8 AccuNeveX+]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
142 - 1.3x[1 G]+1.5x[3 Q]+0.75x[9 AccuNeveX-]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
143 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.75x[9 AccuNeveX-]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
144 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[2 NN]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
145 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[2 NN]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
146 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[8 AccuNeveX+]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
147 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[8 AccuNeveX+]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
148 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[9 AccuNeveX-]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
149 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[9 AccuNeveX-]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
150 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[2 NN]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
151 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[10 VX+S]+0.75x[2 NN]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
152 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[2 NN]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
153 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[11 VX+D]+0.75x[2 NN]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
154 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[2 NN]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
155 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[12 VX-S]+0.75x[2 NN]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
156 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[2 NN]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
157 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[13 VX-D]+0.75x[2 NN]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
158 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[2 NN]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
159 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[14 VY+S]+0.75x[2 NN]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
160 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[2 NN]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
161 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[15 VY+D]+0.75x[2 NN]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
162 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[2 NN]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
163 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[16 VY-S]+0.75x[2 NN]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
164 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[2 NN]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
165 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[2 NN]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
166 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
167 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
168 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
169 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
170 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
171 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
172 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
173 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
174 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
175 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
176 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
177 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
178 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
179 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
180 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
181 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
182 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
183 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
184 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
185 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
186 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
187 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
188 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
189 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
190 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
191 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
192 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
193 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
194 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
195 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
196 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	-2,0	-0,5	-1,1	0,0	2,8	-0,1
	M1536 / Fine	2,0	0,5	1,1	0,0	-2,8	0,1
	M1344 / Fine	-0,7	0,0	2,5	0,0	-1,7	0,0
	M1280 / Inizio	-3,5	0,0	1,6	0,0	1,8	0,0
197 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	0,1	0,0	-0,1	0,0	0,4	0,0
	M1536 / Fine	-0,1	0,0	0,1	0,0	-0,4	0,0
	M1344 / Fine	1,0	0,0	0,4	0,0	1,4	0,0
	M1280 / Inizio	-0,6	0,0	0,3	0,0	-1,4	0,0
198 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[2 NN]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
199 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[2 NN]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
200 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[2 NN]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
201 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[2 NN]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
202 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[2 NN]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
203 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[2 NN]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
204 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[2 NN]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
205 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[2 NN]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
206 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[2 NN]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
207 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[2 NN]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
208 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[2 NN]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
209 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[2 NN]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
210 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[2 NN]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
211 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[2 NN]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
212 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[2 NN]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
213 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[2 NN]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
214 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
215 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
216 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
217 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
218 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
219 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
220 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
221 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
222 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
223 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
224 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
225 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
226 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
227 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
228 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
229 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
230 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
231 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
232 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
233 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
234 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
235 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
236 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
237 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
238 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
239 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
240 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
241 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
242 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2

Verifica dei nodi

Nome	Elemento	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
243 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	16,1	-0,2	-1,1	0,0	2,8	-0,2
	M1536 / Fine	-16,1	0,2	1,1	0,0	-2,8	0,2
	M1344 / Fine	2,4	-0,3	2,5	0,0	-1,8	-0,1
	M1280 / Inizio	-8,4	-0,6	1,6	0,0	1,8	0,2
245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	M1536 / Inizio	18,2	0,2	-0,1	0,0	0,4	-0,1
	M1536 / Fine	-18,2	-0,2	0,1	0,0	-0,4	0,1
	M1344 / Fine	4,0	-0,3	0,4	0,0	1,4	-0,1
	M1280 / Inizio	-5,5	-0,6	0,3	0,0	-1,4	0,1
250 - 1x[1 G]+1x[5 EX]	M1536 / Inizio	-0,3	0,0	0,2	0,0	0,6	0,0
	M1536 / Fine	0,3	0,0	-0,2	0,0	-0,6	0,0
	M1344 / Fine	0,1	0,0	1,1	0,0	-0,1	0,0
	M1280 / Inizio	-0,3	0,0	-1,1	0,0	0,1	0,0
252 - 1x[1 G]-1x[5 EX]+0.6x[3 Q]	M1536 / Inizio	-0,9	-0,2	-0,3	0,0	1,4	0,0
	M1536 / Fine	0,9	0,2	0,3	0,0	-1,4	0,0
	M1344 / Fine	-0,4	0,0	0,0	0,0	-0,7	0,0
	M1280 / Inizio	-1,4	0,0	1,7	0,0	0,8	0,0
256 - 1x[1 G]-1x[5 EX]	M1536 / Inizio	-0,2	0,0	0,2	0,0	0,6	0,0
	M1536 / Fine	0,2	0,0	-0,2	0,0	-0,6	0,0
	M1344 / Fine	-0,1	0,0	-1,0	0,0	-0,1	0,0
	M1280 / Inizio	-0,2	0,0	1,0	0,0	0,1	0,0

Forze non equilibrate

Nome	X [kN]	Y [kN]	Z [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
101 - 1.3x[1 G]	0,3	0,0	0,0	0,0	0,0	0,0
102 - 1.3x[1 G]+1.5x[3 Q]	4,1	0,0	4,1	0,0	-0,1	0,0
103 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]	-0,4	0,0	0,7	0,0	0,0	0,0
104 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]	6,0	0,9	4,1	0,0	-0,1	0,0
105 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]	1,5	0,9	0,7	0,0	0,0	0,0
106 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]	4,1	0,0	4,1	0,0	-0,1	0,0
107 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[10 VX+S]	-0,4	0,0	0,7	0,0	0,0	0,0
108 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]	4,1	0,0	4,1	0,0	-0,1	0,0
109 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[11 VX+D]	-0,4	0,0	0,7	0,0	0,0	0,0
110 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]	4,1	0,0	4,1	0,0	-0,1	0,0
111 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[12 VX-S]	-0,4	0,0	0,7	0,0	0,0	0,0
112 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]	4,1	0,0	4,1	0,0	-0,1	0,0
113 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[13 VX-D]	-0,4	0,0	0,7	0,0	0,0	0,0
114 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]	4,1	0,0	4,1	0,0	-0,1	0,0
115 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[14 VY+S]	-0,4	0,0	0,7	0,0	0,0	0,0
116 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]	4,1	0,0	4,1	0,0	-0,1	0,0
117 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[15 VY+D]	-0,4	0,0	0,7	0,0	0,0	0,0
118 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]	4,1	0,0	4,1	0,0	-0,1	0,0
119 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[16 VY-S]	-0,4	0,0	0,7	0,0	0,0	0,0
120 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]	4,1	0,0	4,1	0,0	-0,1	0,0
121 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]	-0,4	0,0	0,7	0,0	0,0	0,0
122 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]	6,0	0,9	4,1	0,0	-0,1	0,0
123 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]	1,5	0,9	0,7	0,0	0,0	0,0
124 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]	6,0	0,9	4,1	0,0	-0,1	0,0
125 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]	1,5	0,9	0,7	0,0	0,0	0,0
126 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]	6,0	0,9	4,1	0,0	-0,1	0,0
127 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]	1,5	0,9	0,7	0,0	0,0	0,0
128 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]	6,0	0,9	4,1	0,0	-0,1	0,0
129 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]	1,5	0,9	0,7	0,0	0,0	0,0
130 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]	6,0	0,9	4,1	0,0	-0,1	0,0
131 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]	1,5	0,9	0,7	0,0	0,0	0,0
132 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]	6,0	0,9	4,1	0,0	-0,1	0,0
133 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]	1,5	0,9	0,7	0,0	0,0	0,0
134 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]	6,0	0,9	4,1	0,0	-0,1	0,0
135 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]	1,5	0,9	0,7	0,0	0,0	0,0
136 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]	6,0	0,9	4,1	0,0	-0,1	0,0
137 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]	1,5	0,9	0,7	0,0	0,0	0,0
138 - 1.3x[1 G]+1.5x[3 Q]+0.75x[2 NN]	4,1	0,0	4,1	0,0	-0,1	0,0

Nome	X [kN]	Y [kN]	Z [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
139 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.75x[2 NN]	-0,4	0,0	0,7	0,0	0,0	0,0
140 - 1.3x[1 G]+1.5x[3 Q]+0.75x[8 AccuNeveX+]	4,1	0,0	4,1	0,0	-0,1	0,0
141 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.75x[8 AccuNeveX+]	-0,4	0,0	0,7	0,0	0,0	0,0
142 - 1.3x[1 G]+1.5x[3 Q]+0.75x[9 AccuNeveX-]	4,1	0,0	4,1	0,0	-0,1	0,0
143 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.75x[9 AccuNeveX-]	-0,4	0,0	0,7	0,0	0,0	0,0
144 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[2 NN]	6,0	0,9	4,1	0,0	-0,1	0,0
145 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[2 NN]	1,5	0,9	0,7	0,0	0,0	0,0
146 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[8 AccuNeveX+]	6,0	0,9	4,1	0,0	-0,1	0,0
147 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[8 AccuNeveX+]	1,5	0,9	0,7	0,0	0,0	0,0
148 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.75x[9 AccuNeveX-]	6,0	0,9	4,1	0,0	-0,1	0,0
149 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.75x[9 AccuNeveX-]	1,5	0,9	0,7	0,0	0,0	0,0
150 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[2 NN]	4,1	0,0	4,1	0,0	-0,1	0,0
151 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[10 VX+S]+0.75x[2 NN]	-0,4	0,0	0,7	0,0	0,0	0,0
152 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[2 NN]	4,1	0,0	4,1	0,0	-0,1	0,0
153 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[11 VX+D]+0.75x[2 NN]	-0,4	0,0	0,7	0,0	0,0	0,0
154 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[2 NN]	4,1	0,0	4,1	0,0	-0,1	0,0
155 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[12 VX-S]+0.75x[2 NN]	-0,4	0,0	0,7	0,0	0,0	0,0
156 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[2 NN]	4,1	0,0	4,1	0,0	-0,1	0,0
157 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[13 VX-D]+0.75x[2 NN]	-0,4	0,0	0,7	0,0	0,0	0,0
158 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[2 NN]	4,1	0,0	4,1	0,0	-0,1	0,0
159 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[14 VY+S]+0.75x[2 NN]	-0,4	0,0	0,7	0,0	0,0	0,0
160 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[2 NN]	4,1	0,0	4,1	0,0	-0,1	0,0
161 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[15 VY+D]+0.75x[2 NN]	-0,4	0,0	0,7	0,0	0,0	0,0
162 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[2 NN]	4,1	0,0	4,1	0,0	-0,1	0,0
163 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[16 VY-S]+0.75x[2 NN]	-0,4	0,0	0,7	0,0	0,0	0,0
164 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[2 NN]	4,1	0,0	4,1	0,0	-0,1	0,0
165 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[2 NN]	-0,4	0,0	0,7	0,0	0,0	0,0
166 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	4,1	0,0	4,1	0,0	-0,1	0,0
167 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	-0,4	0,0	0,7	0,0	0,0	0,0
168 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	4,1	0,0	4,1	0,0	-0,1	0,0
169 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	-0,4	0,0	0,7	0,0	0,0	0,0
170 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	4,1	0,0	4,1	0,0	-0,1	0,0
171 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	-0,4	0,0	0,7	0,0	0,0	0,0
172 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	4,1	0,0	4,1	0,0	-0,1	0,0

Nome	X [kN]	Y [kN]	Z [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
173 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	-0,4	0,0	0,7	0,0	0,0	0,0
174 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	4,1	0,0	4,1	0,0	-0,1	0,0
175 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	-0,4	0,0	0,7	0,0	0,0	0,0
176 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	4,1	0,0	4,1	0,0	-0,1	0,0
177 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	-0,4	0,0	0,7	0,0	0,0	0,0
178 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	4,1	0,0	4,1	0,0	-0,1	0,0
179 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	-0,4	0,0	0,7	0,0	0,0	0,0
180 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	4,1	0,0	4,1	0,0	-0,1	0,0
181 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	-0,4	0,0	0,7	0,0	0,0	0,0
182 - 1.3x[1 G]+1.5x[3 Q]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	4,1	0,0	4,1	0,0	-0,1	0,0
183 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	-0,4	0,0	0,7	0,0	0,0	0,0
184 - 1.3x[1 G]+1.5x[3 Q]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	4,1	0,0	4,1	0,0	-0,1	0,0
185 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	-0,4	0,0	0,7	0,0	0,0	0,0
186 - 1.3x[1 G]+1.5x[3 Q]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	4,1	0,0	4,1	0,0	-0,1	0,0
187 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	-0,4	0,0	0,7	0,0	0,0	0,0
188 - 1.3x[1 G]+1.5x[3 Q]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	4,1	0,0	4,1	0,0	-0,1	0,0
189 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	-0,4	0,0	0,7	0,0	0,0	0,0
190 - 1.3x[1 G]+1.5x[3 Q]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	4,1	0,0	4,1	0,0	-0,1	0,0
191 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	-0,4	0,0	0,7	0,0	0,0	0,0
192 - 1.3x[1 G]+1.5x[3 Q]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	4,1	0,0	4,1	0,0	-0,1	0,0
193 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	-0,4	0,0	0,7	0,0	0,0	0,0
194 - 1.3x[1 G]+1.5x[3 Q]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	4,1	0,0	4,1	0,0	-0,1	0,0
195 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	-0,4	0,0	0,7	0,0	0,0	0,0
196 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	4,1	0,0	4,1	0,0	-0,1	0,0
197 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	-0,4	0,0	0,7	0,0	0,0	0,0
198 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[2 NN]	6,0	0,9	4,1	0,0	-0,1	0,0
199 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[2 NN]	1,5	0,9	0,7	0,0	0,0	0,0
200 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[2 NN]	6,0	0,9	4,1	0,0	-0,1	0,0
201 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[2 NN]	1,5	0,9	0,7	0,0	0,0	0,0
202 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[2 NN]	6,0	0,9	4,1	0,0	-0,1	0,0
203 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[2 NN]	1,5	0,9	0,7	0,0	0,0	0,0
204 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[2 NN]	6,0	0,9	4,1	0,0	-0,1	0,0
205 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[2 NN]	1,5	0,9	0,7	0,0	0,0	0,0
206 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[2 NN]	6,0	0,9	4,1	0,0	-0,1	0,0

Nome	X [kN]	Y [kN]	Z [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
207 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[2 NN]	1,5	0,9	0,7	0,0	0,0	0,0
208 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[2 NN]	6,0	0,9	4,1	0,0	-0,1	0,0
209 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[2 NN]	1,5	0,9	0,7	0,0	0,0	0,0
210 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[2 NN]	6,0	0,9	4,1	0,0	-0,1	0,0
211 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[2 NN]	1,5	0,9	0,7	0,0	0,0	0,0
212 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[2 NN]	6,0	0,9	4,1	0,0	-0,1	0,0
213 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[2 NN]	1,5	0,9	0,7	0,0	0,0	0,0
214 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	6,0	0,9	4,1	0,0	-0,1	0,0
215 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[8 AccuNeveX+]	1,5	0,9	0,7	0,0	0,0	0,0
216 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	6,0	0,9	4,1	0,0	-0,1	0,0
217 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[8 AccuNeveX+]	1,5	0,9	0,7	0,0	0,0	0,0
218 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	6,0	0,9	4,1	0,0	-0,1	0,0
219 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[8 AccuNeveX+]	1,5	0,9	0,7	0,0	0,0	0,0
220 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	6,0	0,9	4,1	0,0	-0,1	0,0
221 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[8 AccuNeveX+]	1,5	0,9	0,7	0,0	0,0	0,0
222 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	6,0	0,9	4,1	0,0	-0,1	0,0
223 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[8 AccuNeveX+]	1,5	0,9	0,7	0,0	0,0	0,0
224 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	6,0	0,9	4,1	0,0	-0,1	0,0
225 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[8 AccuNeveX+]	1,5	0,9	0,7	0,0	0,0	0,0
226 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	6,0	0,9	4,1	0,0	-0,1	0,0
227 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[8 AccuNeveX+]	1,5	0,9	0,7	0,0	0,0	0,0
228 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	6,0	0,9	4,1	0,0	-0,1	0,0
229 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[8 AccuNeveX+]	1,5	0,9	0,7	0,0	0,0	0,0
230 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	6,0	0,9	4,1	0,0	-0,1	0,0
231 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[10 VX+S]+0.75x[9 AccuNeveX-]	1,5	0,9	0,7	0,0	0,0	0,0
232 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	6,0	0,9	4,1	0,0	-0,1	0,0
233 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[11 VX+D]+0.75x[9 AccuNeveX-]	1,5	0,9	0,7	0,0	0,0	0,0
234 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	6,0	0,9	4,1	0,0	-0,1	0,0
235 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[12 VX-S]+0.75x[9 AccuNeveX-]	1,5	0,9	0,7	0,0	0,0	0,0
236 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	6,0	0,9	4,1	0,0	-0,1	0,0
237 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[13 VX-D]+0.75x[9 AccuNeveX-]	1,5	0,9	0,7	0,0	0,0	0,0
238 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	6,0	0,9	4,1	0,0	-0,1	0,0
239 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[14 VY+S]+0.75x[9 AccuNeveX-]	1,5	0,9	0,7	0,0	0,0	0,0
240 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	6,0	0,9	4,1	0,0	-0,1	0,0

Nome	X [kN]	Y [kN]	Z [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
241 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[15 VY+D]+0.75x[9 AccuNeveX-]	1,5	0,9	0,7	0,0	0,0	0,0
242 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	6,0	0,9	4,1	0,0	-0,1	0,0
243 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[16 VY-S]+0.75x[9 AccuNeveX-]	1,5	0,9	0,7	0,0	0,0	0,0
244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	6,0	0,9	4,1	0,0	-0,1	0,0
245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	1,5	0,9	0,7	0,0	0,0	0,0
250 - 1x[1 G]+1x[5 EX]	0,2	0,0	0,0	0,0	0,0	0,0
252 - 1x[1 G]-1x[5 EX]+0.6x[3 Q]	1,8	0,0	1,6	0,0	0,0	0,0
256 - 1x[1 G]-1x[5 EX]	0,3	0,0	0,0	0,0	0,0	0,0

Verifica

Riassunto

Nome	Valore	Verifica Stato
Analisi	100,0%	OK
Piastre	0,0 < 5,0%	OK
Bulloni	24,7 < 100%	OK
Saldature	19,5 < 100%	OK
Stabilità	Non calcolato	

Piastre

Nome	t_p [mm]	Carichi	σ_{Ed} [MPa]	ε_{Pl} [%]	$\sigma_{c,Ed}$ [MPa]	Stato
M1536-bfl 1	9,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	37,0	0,0	0,0	OK
M1536-tfl 1	9,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	48,0	0,0	0,0	OK
M1536-w 1	6,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	24,4	0,0	0,0	OK
M1344-bfl 1	9,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	33,7	0,0	0,0	OK
M1344-tfl 1	9,0	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	36,4	0,0	0,0	OK
M1344-w 1	6,0	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	18,6	0,0	0,0	OK
M1280-bfl 1	9,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	45,8	0,0	0,0	OK
M1280-tfl 1	9,0	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	37,7	0,0	0,0	OK
M1280-w 1	6,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	24,0	0,0	0,0	OK
SEP1a	15,0	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	77,3	0,0	13,8	OK
SEP1b	15,0	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	71,8	0,0	13,8	OK
IRR	10,0	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	14,3	0,0	0,0	OK
SEP2a	15,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	98,3	0,0	15,9	OK
SEP2b	15,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	93,4	0,0	15,9	OK
IRR	10,0	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	19,1	0,0	0,0	OK

Dati Progetto

Materiale	f_y [MPa]	ε_{lim} [%]
S275	275,0	5,0

Risultati dettagliati per M1536-bfl 1

Valori di progetto utilizzati nell'analisi

$$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} = \quad 275{,}0 \quad \text{MPa}$$

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per M1536-tfl 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per M1536-w 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per M1344-bfl 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per M1344-tfl 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per M1344-w 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per M1280-bfl 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per M1280-tfl 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per M1280-w 1

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per SEP1a

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per SEP1b

Valori di progetto utilizzati nell'analisi

$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} =$ 275,0 MPa

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per IRR

Valori di progetto utilizzati nell'analisi

$$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} = \quad 275{,}0 \quad \text{MPa}$$

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per SEP2a

Valori di progetto utilizzati nell'analisi

$$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} = \quad 275{,}0 \quad \text{MPa}$$

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per SEP2b

Valori di progetto utilizzati nell'analisi

$$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} = \quad 275{,}0 \quad \text{MPa}$$

Dove:

f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

Risultati dettagliati per IRR

Valori di progetto utilizzati nell'analisi

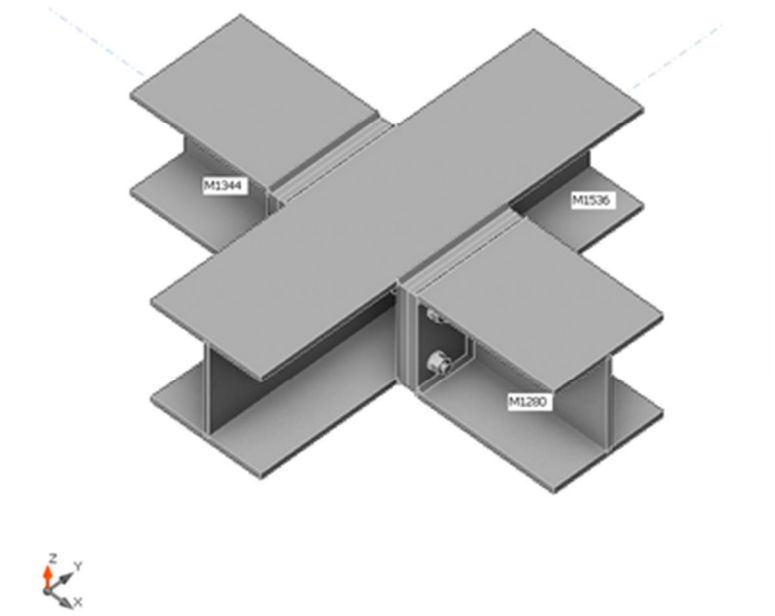
$$f_{yd} = \frac{f_{yk}}{\gamma_{M0}} = \quad 275{,}0 \quad \text{MPa}$$

Dove:

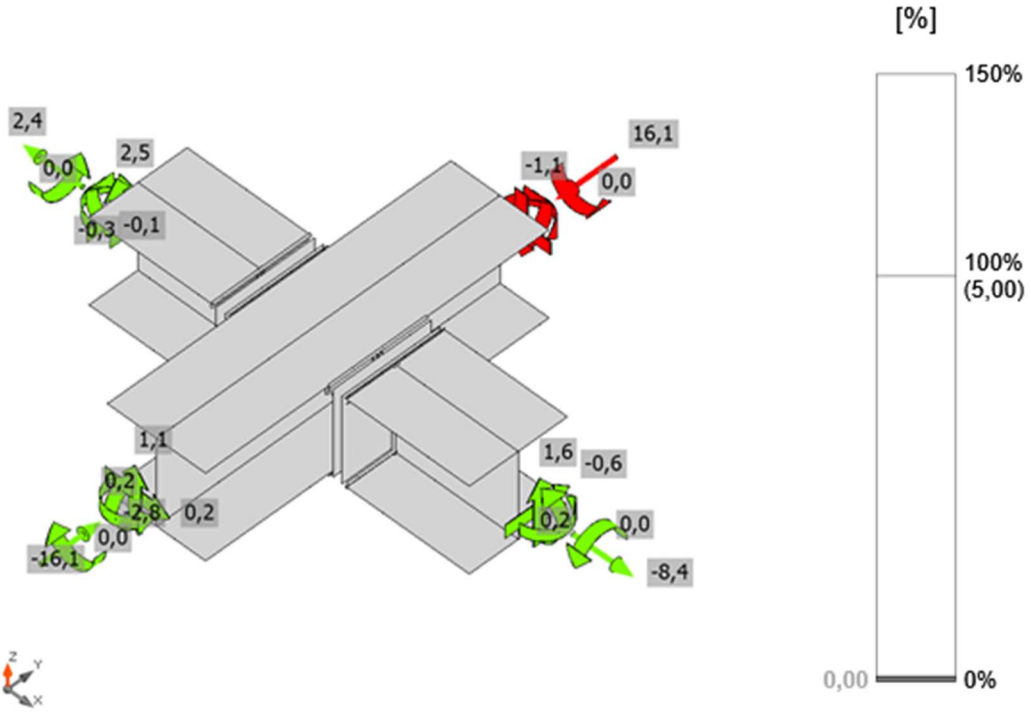
f_{yk} = 275,0 MPa – tensione di snervamento caratteristica

γ_{M0} = 1,00 – coefficiente di sicurezza per il materiale in acciaio EN 1993-1-1 – 6.1

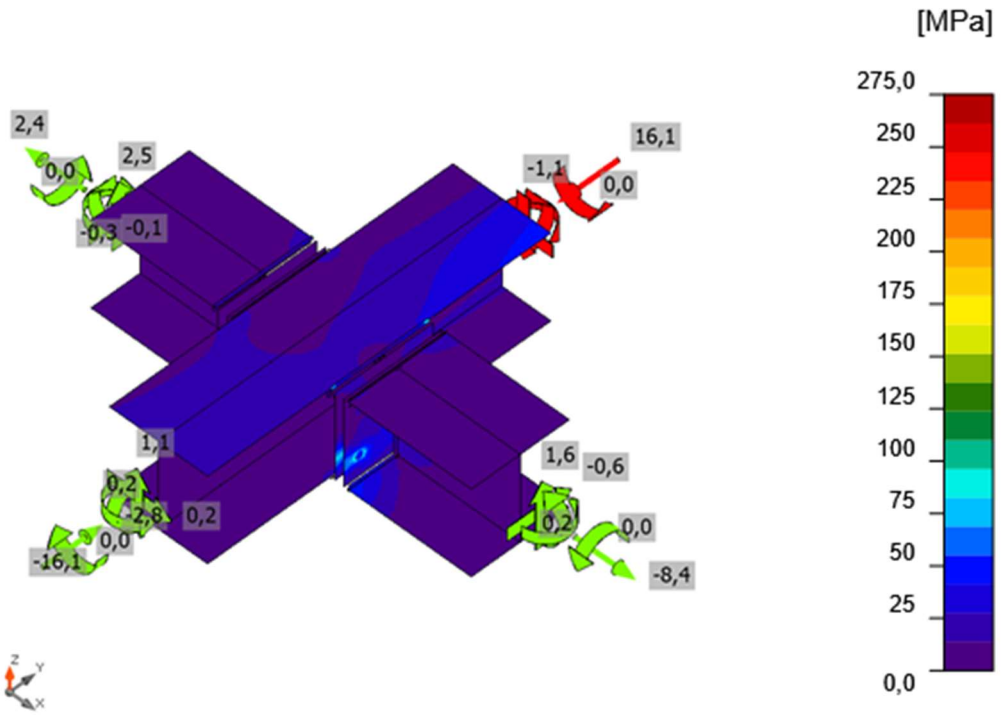
Verifica dei nodi



Verifica globale, 244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]

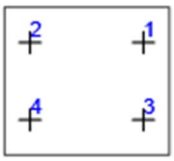
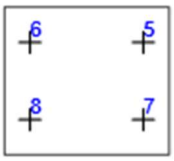


Verifica deformazione, 244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]



Sforzo equivalente, 244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]

Bulloni

Forma	Elemento	Classe	Carichi	$F_{t,Ed}$ [kN]	$F_{v,Ed}$ [kN]	$F_{b,Rd}$ [kN]	Ut_t [%]	Ut_s [%]	Ut_{ts} [%]	Dettagli costruttivi	Stato
	B1	M12 8.8 - 1	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	9,3	0,1	115,0	19,1	0,4	14,0	OK	OK
	B2	M12 8.8 - 1	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	8,7	0,1	105,3	17,8	0,4	13,2	OK	OK
	B3	M12 8.8 - 1	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	8,9	0,6	135,0	18,2	1,9	14,9	OK	OK
	B4	M12 8.8 - 1	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	8,6	0,6	135,0	17,7	1,9	14,5	OK	OK
	B5	M12 8.8 - 1	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	9,6	0,1	99,2	19,7	0,5	14,5	OK	OK
	B6	M12 8.8 - 1	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	9,3	0,2	99,2	19,1	0,5	14,2	OK	OK
	B7	M12 8.8 - 1	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	12,0	0,4	125,5	24,7	1,3	18,9	OK	OK
	B8	M12 8.8 - 1	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	11,3	0,4	126,3	23,4	1,3	18,0	OK	OK

Dati Progetto

Classe	$F_{t,Rd}$ [kN]	$B_{p,Rd}$ [kN]	$F_{v,Rd}$ [kN]
M12 8.8 - 1	48,6	184,9	32,4

Risultati dettagliati per B1

Verifica dei nodi

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2 f_{ub} A_s}{\gamma_{M2}} =$ 48,6 kN ≥ $F_{t,Ed} =$ 9,3 kN

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0,6 \pi d_m t_p f_u}{\gamma_{M2}} =$ 184,9 kN ≥ $F_{t,Ed} =$ 9,3 kN

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 15 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p \alpha_v f_{ub} A}{\gamma_{M2}} =$ 32,4 kN ≥ $F_{v,Ed} =$ 0,1 kN

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 115,0 kN ≥ $F_{b,Ed} =$ 0,1 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 0,74 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = 133 mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 29 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 15 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd};\ B_{p,Rd})} =$ 0,19 ≤ 1,0

Dove:

$F_{t,Ed}$ = 9,3 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 184,9 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,00 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,1 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 115,0 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}} = 0{,}14 \leq 1{,}0$$

Dove:

$F_{v,Ed}$ = 0,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 9,3 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- *Duttilità, capacità rotazionale: Piastra SEP1a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)*

Risultati dettagliati per B2

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$$F_{t,Rd} = \frac{k_2\,f_{ub}\,A_s}{\gamma_{M2}} = 48{,}6 \text{ kN} \geq F_{t,Ed} = 8{,}7 \text{ kN}$$

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$$B_{p,Rd} = \frac{0{,}6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}} = 184{,}9 \text{ kN} \geq F_{t,Ed} = 8{,}7 \text{ kN}$$

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 15 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}} = 32{,}4 \text{ kN} \geq F_{v,Ed} = 0{,}1 \text{ kN}$$

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 105,3 kN ≥ $F_{b,Ed} =$ 0,1 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 0,68 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 27 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 15 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd};\ B_{p,Rd})} =$ 0,18 ≤ 1,0

Dove:

$F_{t,Ed}$ = 8,7 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 184,9 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,00 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,1 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 105,3 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1,4\,F_{t,Rd}} = \quad 0,13 \quad \leq \quad 1,0$

Dove:

$F_{v,Ed}$ = 0,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 8,7 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- *Duttilità, capacità rotazionale: Piastra SEP1a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)*

Risultati dettagliati per B3

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$F_{t,Rd} = \frac{k_2\,f_{ub}\,A_s}{\gamma_{M2}} = \quad 48,6 \quad \text{kN} \quad \geq \quad F_{t,Ed} = \quad 8,9 \quad \text{kN}$

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$B_{p,Rd} = \frac{0,6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}} = \quad 184,9 \quad \text{kN} \quad \geq \quad F_{t,Ed} = \quad 8,9 \quad \text{kN}$

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 15 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}} = \quad 32,4 \quad \text{kN} \quad \geq \quad F_{v,Ed} = \quad 0,6 \quad \text{kN}$

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 135,0 kN ≥ $F_{b,Ed} =$ 0,6 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 0,87 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = 110 mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 34 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 15 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd};\ B_{p,Rd})} =$ 0,18 ≤ 1,0

Dove:

$F_{t,Ed}$ = 8,9 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 184,9 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,02 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,6 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,6 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 135,0 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}} = 0{,}15 \leq 1{,}0$$

Dove:

$F_{v,Ed}$ = 0,6 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 8,9 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- *Duttilità, capacità rotazionale: Piastra SEP1a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)*

Risultati dettagliati per B4

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$$F_{t,Rd} = \frac{k_2\,f_{ub}\,A_s}{\gamma_{M2}} = 48{,}6 \text{ kN} \geq F_{t,Ed} = 8{,}6 \text{ kN}$$

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$$B_{p,Rd} = \frac{0{,}6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}} = 184{,}9 \text{ kN} \geq F_{t,Ed} = 8{,}6 \text{ kN}$$

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 15 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}} = 32{,}4 \text{ kN} \geq F_{v,Ed} = 0{,}6 \text{ kN}$$

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 135,0 kN ≥ $F_{b,Ed} =$ 0,6 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 0,87 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = 110 mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 34 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 15 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd};\ B_{p,Rd})} =$ 0,18 ≤ 1,0

Dove:

$F_{t,Ed}$ = 8,6 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 184,9 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,02 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,6 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,6 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 135,0 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}} = 0{,}15 \leq 1{,}0$$

Dove:

$F_{v,Ed}$ = 0,6 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 8,6 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- *Duttilità, capacità rotazionale: Piastra SEP1a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)*

Risultati dettagliati per B5

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$$F_{t,Rd} = \frac{k_2\,f_{ub}\,A_s}{\gamma_{M2}} = 48{,}6 \text{ kN} \geq F_{t,Ed} = 9{,}6 \text{ kN}$$

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$$B_{p,Rd} = \frac{0{,}6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}} = 184{,}9 \text{ kN} \geq F_{t,Ed} = 9{,}6 \text{ kN}$$

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 15 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}} = 32{,}4 \text{ kN} \geq F_{v,Ed} = 0{,}1 \text{ kN}$$

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 99,2 kN ≥ $F_{b,Ed} =$ 0,1 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 0,64 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 25 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 15 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd};\ B_{p,Rd})} =$ 0,20 ≤ 1,0

Dove:

$F_{t,Ed}$ = 9,6 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 184,9 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,00 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,1 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 99,2 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}} = 0{,}15 \leq 1{,}0$$

Dove:

$F_{v,Ed}$ = 0,1 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 9,6 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- *Duttilità, capacità rotazionale: Piastra SEP2a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)*

Risultati dettagliati per B6

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$$F_{t,Rd} = \frac{k_2\,f_{ub}\,A_s}{\gamma_{M2}} = 48{,}6 \text{ kN} \geq F_{t,Ed} = 9{,}3 \text{ kN}$$

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$$B_{p,Rd} = \frac{0{,}6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}} = 184{,}9 \text{ kN} \geq F_{t,Ed} = 9{,}3 \text{ kN}$$

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 15 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}} = 32{,}4 \text{ kN} \geq F_{v,Ed} = 0{,}2 \text{ kN}$$

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica dei nodi

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 99,2 kN ≥ $F_{b,Ed} =$ 0,2 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 0,64 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 25 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 15 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd};\ B_{p,Rd})} =$ 0,19 ≤ 1,0

Dove:

$F_{t,Ed}$ = 9,3 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 184,9 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,01 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,2 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,2 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 99,2 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}} = 0{,}14 \leq 1{,}0$$

Dove:

$F_{v,Ed}$ = 0,2 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 9,3 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- *Duttilità, capacità rotazionale: Piastra SEP2a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)*

Risultati dettagliati per B7

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$$F_{t,Rd} = \frac{k_2\,f_{ub}\,A_s}{\gamma_{M2}} = 48{,}6 \text{ kN} \geq F_{t,Ed} = 12{,}0 \text{ kN}$$

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$$B_{p,Rd} = \frac{0{,}6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}} = 184{,}9 \text{ kN} \geq F_{t,Ed} = 12{,}0 \text{ kN}$$

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 15 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}} = 32{,}4 \text{ kN} \geq F_{v,Ed} = 0{,}4 \text{ kN}$$

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 125,5 kN ≥ $F_{b,Ed} =$ 0,4 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 0,81 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 32 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 15 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd};\ B_{p,Rd})} =$ 0,25 ≤ 1,0

Dove:

$F_{t,Ed}$ = 12,0 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 184,9 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,01 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,4 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,4 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 125,5 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}} = 0{,}19 \leq 1{,}0$$

Dove:

$F_{v,Ed}$ = 0,4 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 12,0 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- *Duttilità, capacità rotazionale: Piastra SEP2a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)*

Risultati dettagliati per B8

Verifica di resistenza a trazione (EN 1993-1-8 – Tabella 3.4)

$$F_{t,Rd} = \frac{k_2\,f_{ub}\,A_s}{\gamma_{M2}} = 48{,}6 \text{ kN} \geq F_{t,Ed} = 11{,}3 \text{ kN}$$

Dove:

k_2 = 0,90 – Fattore

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A_s = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica a punzonamento (EN 1993-1-8 – Tabella 3.4)

$$B_{p,Rd} = \frac{0{,}6\,\pi\,d_m\,t_p\,f_u}{\gamma_{M2}} = 184{,}9 \text{ kN} \geq F_{t,Ed} = 11{,}3 \text{ kN}$$

Dove:

d_m = 19 mm – La media delle dimensioni dei punti sopra e la parte piatta della testa del bullone o del dado, il minore dei due

t_p = 15 mm – Spessore della piastra

f_u = 430,0 MPa – Resistenza Ultima

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica della resistenza a taglio (EN 1993-1-8 – Tabella 3.4)

$$F_{v,Rd} = \frac{\beta_p\,\alpha_v f_{ub} A}{\gamma_{M2}} = 32{,}4 \text{ kN} \geq F_{v,Ed} = 0{,}4 \text{ kN}$$

Dove:

β_p = 1,00 – Fattore di riduzione per spessoramento

α_v = 0,60 – Fattore di riduzione dello sforzo di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

A = 84 mm^2 – Area soggetta alla trazione del bullone

γ_{M2} = 1,25 – Coefficiente di sicurezza

Verifica dei nodi

Verifica della Resistenza di progetto (EN 1993-1-8 – Tabella 3.4)

$F_{b,Rd} = \frac{k_1 \alpha_b f_u dt}{\gamma_{M2}} =$ 126,3 kN ≥ $F_{b,Ed} =$ 0,4 kN

Dove:

$k_1 = \min(2.8\frac{e_2}{d_0} - 1.7, 1.4\frac{p_2}{d_0} - 1.7, 2.5) =$ 2,50 – Fattore per distanza dal bordo e spaziatura tra i bulloni perpendicolare alla direzione del trasferimento del carico

$\alpha_b = \min(\frac{e_1}{3d_0}, \frac{p_1}{3d_0} - \frac{1}{4}, \frac{f_{ub}}{f_u}, 1) =$ 0,82 – Fattore per la distanza dall'estremità e la distanza dei bulloni in direzione del trasferimento del carico

e_2 = 25 mm – Distanza dal bordo della piastra perpendicolare alla forza di taglio

p_2 = ∞ mm – Distanza tra i bulloni perpendicolare alla forza di taglio

d_0 = 13 mm – Diametro del foro del bullone

e_1 = 32 mm – Distanza dal bordo della piastra nella direzione della forza di taglio

p_1 = ∞ mm – Distanza tra i bulloni nella direzione della forza di taglio

f_{ub} = 800,0 MPa – Resistenza ultima alla trazione del bullone

f_u = 430,0 MPa – Resistenza ultima della piastra

d = 12 mm – Diametro nominale del fissaggio

t = 15 mm – Spessore della piastra

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo in trazione

$\frac{F_{t,Ed}}{\min(F_{t,Rd};\ B_{p,Rd})} =$ 0,23 ≤ 1,0

Dove:

$F_{t,Ed}$ = 11,3 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

$B_{p,Rd}$ = 184,9 kN – Resistenza a punzonamento

Utilizzo a taglio

$\max(\frac{F_{v,Ed}}{F_{v,Rd}}; \frac{F_{b,Ed}}{F_{b,Rd}}) =$ 0,01 ≤ 1,0

Dove:

$F_{v,Ed}$ = 0,4 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{b,Ed}$ = 0,4 kN – Bearing force (per piastra decisiva)

$F_{b,Rd}$ = 126,3 kN – Resistenza di progetto

Interazione di trazione e taglio (EN 1993-1-8 – Tabella 3.4)

$$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1{,}4\,F_{t,Rd}} = 0{,}18 \leq 1{,}0$$

Dove:

$F_{v,Ed}$ = 0,4 kN – Forza di taglio (nel piano di taglio decisivo)

$F_{v,Rd}$ = 32,4 kN – Resistenza a taglio

$F_{t,Ed}$ = 11,3 kN – Forza a trazione

$F_{t,Rd}$ = 48,6 kN – Resistenza a trazione

Verifica Dettagli costruttivi

- *Duttilità, capacità rotazionale: Piastra SEP2a è troppo spesso. Spessore dovrebbe essere minore o uguale a 7,4 mm. (EN 1993-1-8 – Equazione 6.32)*

Saldature

Elemento	Bordo	T_w [mm]	L [mm]	Carichi	$\sigma_{w,Ed}$ [MPa]	ε_{Pl} [%]	$\sigma_{\perp}$ [MPa]	$\tau_{\perp}$ [MPa]	$\tau_{\parallel}$ [MPa]	Ut [%]	Ut_c [%]	Dettagli costruttivi	Stato
SEP1a	M1536-tfl 1	◢ 4,0	159	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	54,1	0,0	-28,4	22,2	14,7	13,4	13,4	OK	OK
SEP1a	M1536-bfl 1	◢ 4,0	159	196 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	61,1	0,0	33,6	25,0	15,7	15,1	14,1	OK	OK
SEP1b	M1344-bfl 1	◢ 4,0 ◣	158	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	26,5	0,0	16,0	10,2	6,7	6,5	6,5	OK	OK
		◢ 4,0 ◣	158	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	25,9	0,0	-15,8	-11,8	-1,1	6,4	6,4	OK	OK
SEP1b	M1344-tfl 1	◢ 4,0 ◣	158	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	27,8	0,0	-17,1	12,6	1,2	6,9	6,9	OK	OK
		◢ 4,0 ◣	158	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	27,8	0,0	16,9	-10,9	-6,5	6,9	6,9	OK	OK
SEP1b	M1344-w 1	◢ 4,0 ◣	141	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	23,1	0,0	11,4	11,1	3,2	5,7	5,7	OK	OK
		◢ 4,0 ◣	141	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	22,5	0,0	10,9	-11,1	-2,4	5,6	5,6	OK	OK
M1536-bfl 1	IRR	◢ 4,0 ◣	57	196 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	17,0	0,0	-0,6	-0,2	9,8	4,2	4,2	OK	OK

Verifica dei nodi

Elemento	Bordo	T_w [mm]	L [mm]	Carichi	$\sigma_{w,Ed}$ [MPa]	ε_{Pl} [%]	$\sigma_{\perp}$ [MPa]	$\tau_{\perp}$ [MPa]	$\tau_{\parallel}$ [MPa]	Ut [%]	Ut_c [%]	Dettagli costruttivi	Stato
		◢ 4,0 ◣	57	196 - 1.3x[1 G]+1.5x[3 Q]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	16,3	0,0	-0,4	0,8	-9,4	4,0	4,0	OK	OK
M1536-w 1	IRR	◢ 4,0 ◣	94	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	18,9	0,0	9,4	9,4	1,2	4,7	4,7	OK	OK
		◢ 4,0 ◣	94	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	19,6	0,0	9,5	-9,1	4,0	4,8	4,8	OK	OK
M1536-tfl 1	IRR	◢ 4,0 ◣	57	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	13,3	0,0	0,1	0,3	-7,7	3,3	3,3	OK	OK
		◢ 4,0 ◣	57	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	13,9	0,0	0,4	-0,2	8,0	3,4	3,4	OK	OK
SEP1a	IRR	◢ 4,0 ◣	132	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	25,4	0,0	12,1	12,5	-3,2	6,3	6,3	OK	OK
		◢ 4,0 ◣	132	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	26,6	0,0	13,4	-13,0	-2,6	6,6	6,6	OK	OK
SEP2a	M1536-tfl 1	◢ 4,0	159	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	78,3	0,0	-31,7	26,0	-32,1	19,3	18,0	OK	OK
SEP2a	M1536-bfl 1	◢ 4,0	159	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	79,0	0,0	44,0	37,1	7,7	19,5	16,8	OK	OK

Verifica dei nodi

Elemento	Bordo	T_w [mm]	L [mm]	Carichi	$\sigma_{w,Ed}$ [MPa]	ε_{Pl} [%]	$\sigma_{\perp}$ [MPa]	$\tau_{\perp}$ [MPa]	$\tau_{\parallel}$ [MPa]	Ut [%]	Ut_c [%]	Dettagli costruttivi	Stato
SEP2b	M1280-bfl 1	◢ 4,0 ◣	158	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	36,0	0,0	21,7	13,9	-9,1	8,9	8,9	OK	OK
		◢ 4,0 ◣	158	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	26,0	0,0	-15,9	-11,8	1,4	6,4	6,4	OK	OK
SEP2b	M1280-tfl 1	◢ 4,0 ◣	158	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	27,1	0,0	-16,7	12,2	-1,7	6,7	6,7	OK	OK
		◢ 4,0 ◣	158	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	28,9	0,0	15,2	-7,3	12,2	7,1	7,1	OK	OK
SEP2b	M1280-w 1	◢ 4,0 ◣	141	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	29,6	0,0	14,8	14,6	2,6	7,3	6,2	OK	OK
		◢ 4,0 ◣	141	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	29,0	0,0	14,3	-14,5	-1,8	7,2	6,1	OK	OK
M1536-bfl 1	IRR	◢ 4,0 ◣	57	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	20,8	0,0	-1,3	-0,6	12,0	5,2	5,2	OK	OK
		◢ 4,0 ◣	57	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	21,4	0,0	0,3	0,6	-12,3	5,3	5,3	OK	OK
M1536-w 1	IRR	◢ 4,0 ◣	94	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	20,6	0,0	9,2	8,9	-6,0	5,1	5,1	OK	OK
		◢ 4,0 ◣	94	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	20,4	0,0	8,6	-8,9	6,0	5,0	5,0	OK	OK

Elemento	Bordo	T_w [mm]	L [mm]	Carichi	$\sigma_{w,Ed}$ [MPa]	ε_{Pl} [%]	$\sigma_\perp$ [MPa]	$\tau_\perp$ [MPa]	$\tau_{\parallel}$ [MPa]	Ut [%]	Ut_c [%]	Dettagli costruttivi	Stato
M1536-tfl 1	IRR	◢ 4,0 ◣	57	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	15,6	0,0	0,2	0,2	-9,0	3,8	3,8	OK	OK
		◢ 4,0 ◣	57	245 - 1.3x[1 G]+1.5x[4 Cat. C2 (carico orizz. lineare aule univeristarie)]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	16,2	0,0	0,0	0,0	9,3	4,0	4,0	OK	OK
SEP2a	IRR	◢ 4,0 ◣	132	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	33,8	0,0	16,8	16,3	-4,7	8,4	7,0	OK	OK
		◢ 4,0 ◣	132	244 - 1.3x[1 G]+1.5x[3 Q]+0.9x[7 tempo]+0.9x[17 VY-D]+0.75x[9 AccuNeveX-]	31,4	0,0	15,2	-15,6	-2,7	7,8	6,7	OK	OK

Dati Progetto

Materiale	f_u [MPa]	β_w [-]	$\sigma_{w,Rd}$ [MPa]	0.9 σ [MPa]
S275	430,0	0,85	404,7	309,6

Risultati dettagliati per SEP1a / M1536-tfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_{\parallel}^2)]^{0.5}$ = 54,1 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_\perp|$ = 28,4 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}})$ = 0,13 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 54,1 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -28,4 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- *Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 6,1 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))*

Risultati dettagliati per SEP1a / M1536-bfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 61,1 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 33,6 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,15 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 61,1 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 33,6 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- *Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 6,1 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))*

Risultati dettagliati per SEP1b / M1344-bfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 26,5 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 16,0 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

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Utilizzo tensione

$$U_t = \max\left(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}07 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 26,5 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 16,0 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / M1344-bfl 1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 25{,}9 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 15{,}8 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$$U_t = \max\left(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}06 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 25,9 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -15,8 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / M1344-tfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 27{,}8 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 17{,}1 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

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Utilizzo tensione

$$U_t = \max\left(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}07 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 27,8 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -17,1 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / M1344-tfl 1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 27{,}8 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 16{,}9 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$$U_t = \max\left(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}07 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 27,8 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 16,9 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / M1344-w 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 23{,}1 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 11{,}4 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

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Utilizzo tensione

$$U_t = \max\left(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}06 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 23,1 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 11,4 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1b / M1344-w 1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 22{,}5 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 10{,}9 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$$U_t = \max\left(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}06 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 22,5 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 10,9 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-bfl 1 / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 17{,}0 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 1{,}0 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

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Utilizzo tensione

$U_t = \max(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,04 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 17,0 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 1,0 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-bfl 1 / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 16,3 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 1,2 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,04 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 16,3 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -1,2 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-w 1 / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 18,9 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 9,4 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

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Utilizzo tensione

$U_t = \max(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,05 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 18,9 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 9,4 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-w 1 / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 19,6 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 9,5 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,05 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 19,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 9,5 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-tfl 1 / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 13,3 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 0,5 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

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Utilizzo tensione

$$U_t = \max\left(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}03 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 13,3 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 0,5 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-tfl 1 / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 13{,}9 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 0{,}5 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$$U_t = \max\left(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}03 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 13,9 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -0,5 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1a / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 25{,}4 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 12{,}3 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

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Utilizzo tensione

$$U_t = \max\left(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}06 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 25,4 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 12,3 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP1a / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 26{,}6 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 13{,}4 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$$U_t = \max\left(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}\right) = \quad 0{,}07 \quad \leq \quad 1{,}0$$

Dove:

$\sigma_{w,Ed}$ = 26,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 13,4 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP2a / M1536-tfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) = \quad 404{,}7 \quad \text{MPa} \quad \geq \quad \sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} = \quad 78{,}3 \quad \text{MPa}$$

$$\sigma_{\perp,Rd} = 0{,}9 f_u / \gamma_{M2} = \quad 309{,}6 \quad \text{MPa} \quad \geq \quad |\sigma_\perp| = \quad 31{,}7 \quad \text{MPa}$$

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,19 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 78,3 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = -31,7 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- *Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 6,1 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))*

Risultati dettagliati per SEP2a / M1536-bfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2}) =$ 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_\perp^2 + 3(\tau_\perp^2 + \tau_\parallel^2)]^{0.5} =$ 79,0 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2} =$ 309,6 MPa ≥ $|\sigma_\perp| =$ 44,0 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_\perp|}{\sigma_{\perp,Rd}}) =$ 0,20 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 79,0 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_\perp$ = 44,0 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Verifica Dettagli costruttivi

- *Saldatura è troppo piccolo. Spessore della gola dovrebbe essere maggiore o uguale a 6,1 mm dove la rottura della saldatura deve essere evitata per motivi di duttilità. (FprEN 1993-1-8:2023 – 6.9(4))*

Risultati dettagliati per SEP2b / M1280-bfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 36,0 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 21,7 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,09 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 36,0 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 21,7 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP2b / M1280-bfl 1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 26,0 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 15,9 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,06 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 26,0 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = -15,9 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP2b / M1280-tfl 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 27,1 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 16,7 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,07 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 27,1 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = -16,7 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP2b / M1280-tfl 1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 28,9 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 17,5 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,07 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 28,9 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 17,5 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP2b / M1280-w 1 - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 29,6 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 14,8 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,07 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 29,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 14,8 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP2b / M1280-w 1 - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 29,0 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 14,3 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,07 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 29,0 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 14,3 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-bfl 1 / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 20,8 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 1,3 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,05 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 20,8 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = -1,3 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-bfl 1 / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 21,4 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 1,0 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,05 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 21,4 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 1,0 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-w 1 / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 20,6 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 9,2 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,05 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 20,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 9,2 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-w 1 / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 20,4 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 8,6 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,05 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 20,4 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 8,6 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-tfl 1 / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 15,6 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 0,4 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,04 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 15,6 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 0,4 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per M1536-tfl 1 / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 16,2 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 0,4 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma_{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,04 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 16,2 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 0,4 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP2a / IRR - 1

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 33,8 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 16,8 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,08 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 33,8 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 16,8 MPa – Sforzo normale perpendicolare alla gola

$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Risultati dettagliati per SEP2a / IRR - 2

Verifica della resistenza della saldatura (EN 1993-1-8 – Cl. 4.5.3.2)

$\sigma_{w,Rd} = f_u/(\beta_w \gamma_{M2})$ = 404,7 MPa ≥ $\sigma_{w,Ed} = [\sigma_{\perp}^2 + 3(\tau_{\perp}^2 + \tau_{\parallel}^2)]^{0.5}$ = 31,4 MPa

$\sigma_{\perp,Rd} = 0,9 f_u / \gamma_{M2}$ = 309,6 MPa ≥ $|\sigma_{\perp}|$ = 15,2 MPa

dove:

f_u = 430,0 MPa – Resistenza Ultima

β_w = 0,85 – Fattore di correlazione EN 1993-1-8 – Tab. 4.1

γ_{M2} = 1,25 – Coefficiente di sicurezza

Utilizzo tensione

$U_t = \max(\frac{\sigma^{w,Ed}}{\sigma_{w,Rd}} ; \frac{|\sigma_{\perp}|}{\sigma_{\perp,Rd}})$ = 0,08 ≤ 1,0

Dove:

$\sigma_{w,Ed}$ = 31,4 MPa – Sforzo normale massimo trasversale rispetto all'asse della saldatura

$\sigma_{w,Rd}$ = 404,7 MPa – Resistenza sforzo equivalente

$\sigma_{\perp}$ = 15,2 MPa – Sforzo normale perpendicolare alla gola

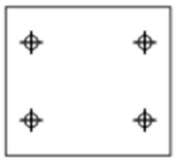
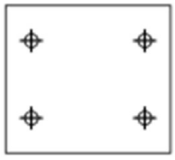
$\sigma_{\perp,Rd}$ = 309,6 MPa – Resistenza allo sforzo perpendicolare

Stabilità

Analisi stabilità non calcolata.

Distinta dei materiali

Operazioni di produzione

Nome	Piastre [mm]	Forma	N.	Saldature Spessore gola [mm]	Lunghezza [mm]	Bulloni	N.
SEP1	P15,0x160,0-143,0 (S275)		1	a T: 4,0 Raccordo: 4,0 Raccordo: 4,0	805,0 160,0 160,0	M12 8.8	4
	P15,0x160,0-143,0 (S275)		1				
	P10,0x77,0-134,0 (S275)		1				
SEP2	P15,0x160,0-143,0 (S275)		1	a T: 4,0 Raccordo: 4,0 Raccordo: 4,0	805,0 160,0 160,0	M12 8.8	4
	P15,0x160,0-143,0 (S275)		1				
	P10,0x77,0-134,0 (S275)		1				

Saldature

Tipo	Materiale	Spessore gola [mm]	Spessore gamba [mm]	Lunghezza [mm]
Raccordo	S275	4,0	5,7	320,0
Raccordo	S275	4,0	5,7	320,0
a T	S275	4,0	5,7	1610,0

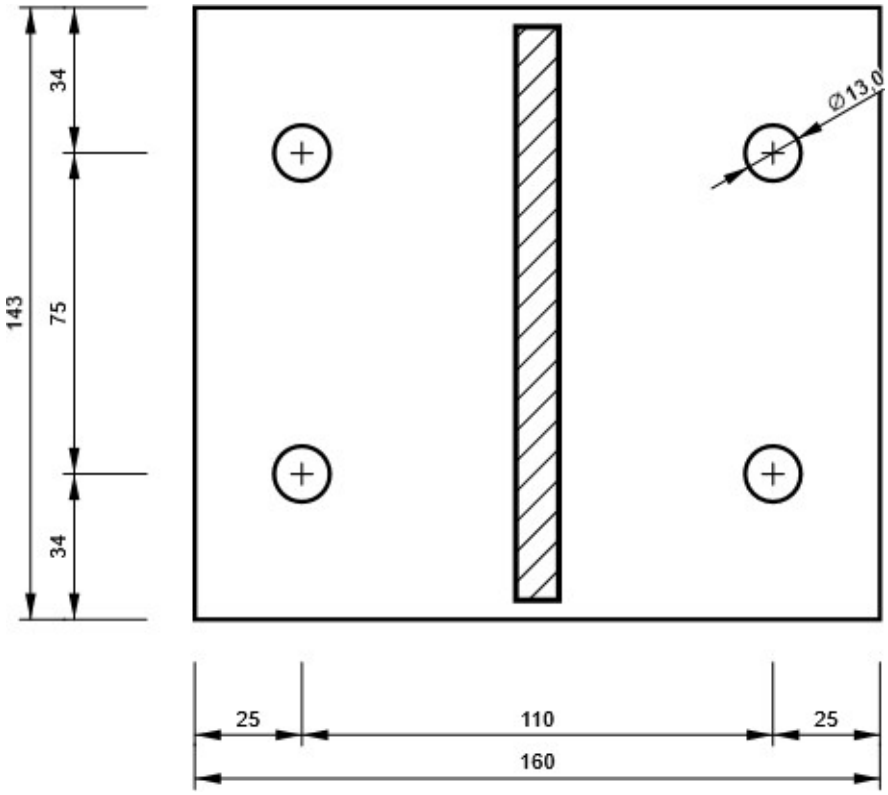
Bulloni

Nome	Lunghezza di attrito [mm]	Conteggio
M12 8.8	30	8

Disegno

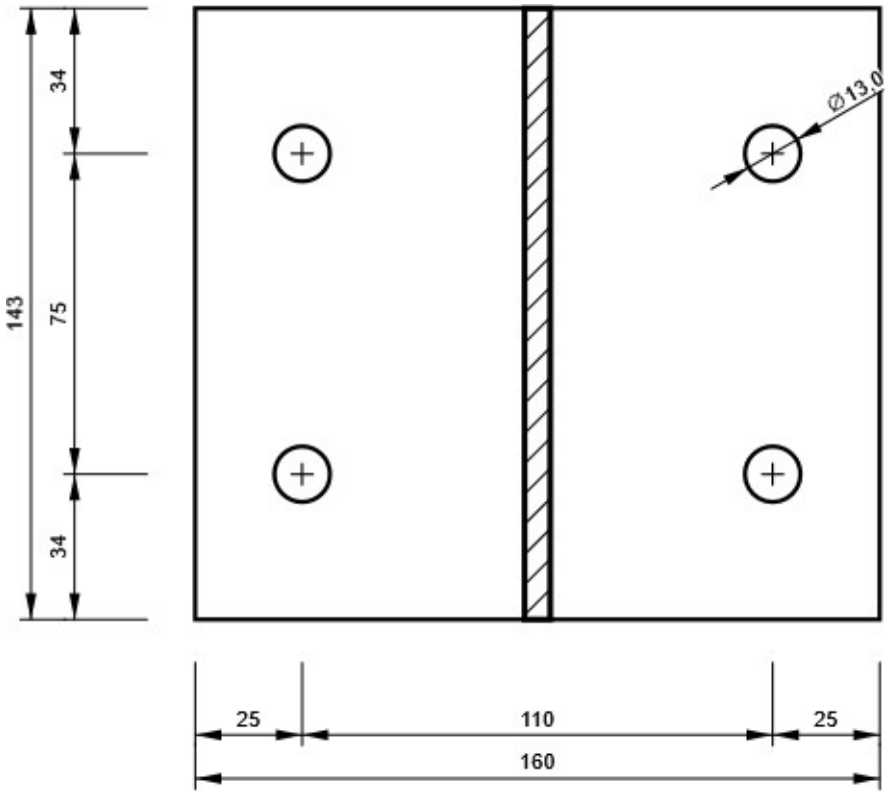
SEP1 - SEP1a

P15,0x143-160 (S275)



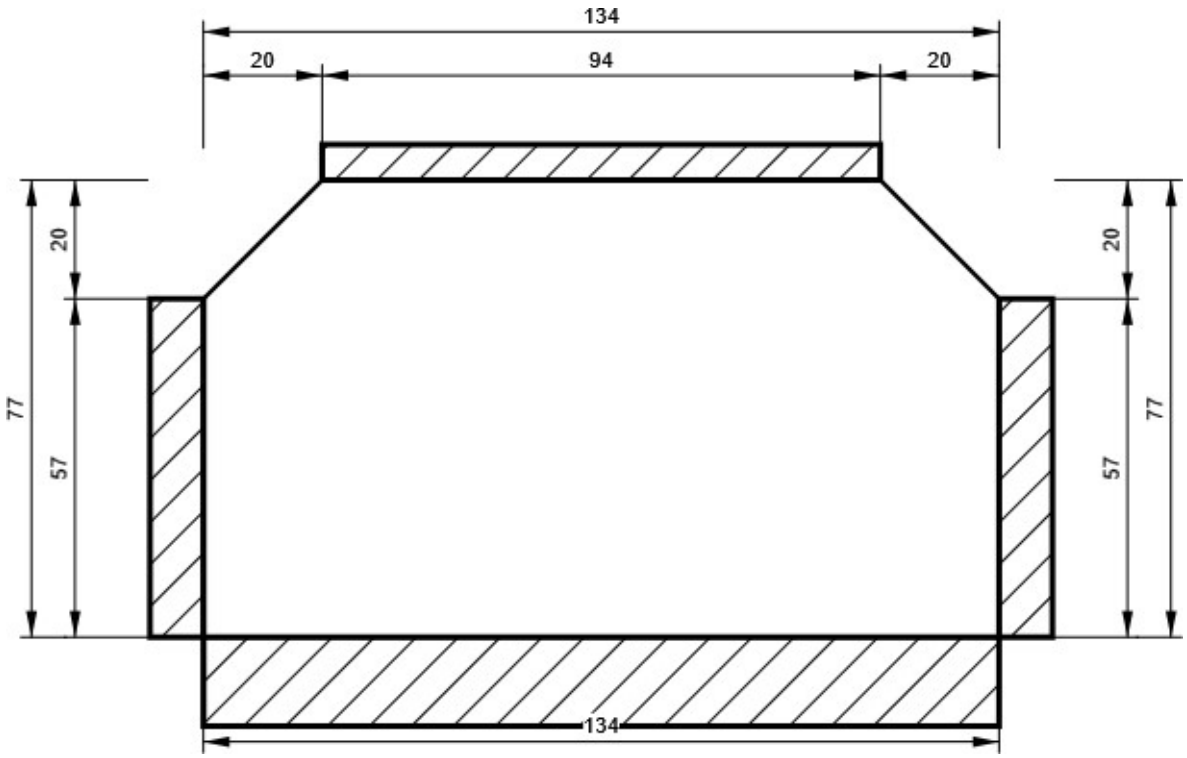
SEP1 - SEP1b

P15,0x143-160 (S275)



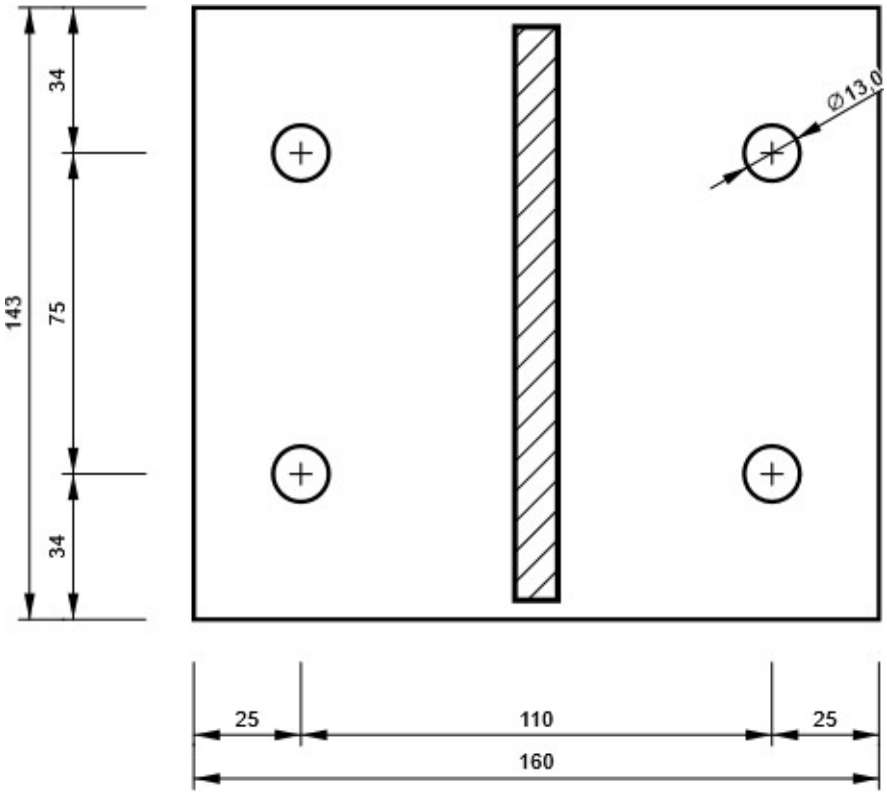
SEP1 - IRR

P10,0x134-77 (S275)



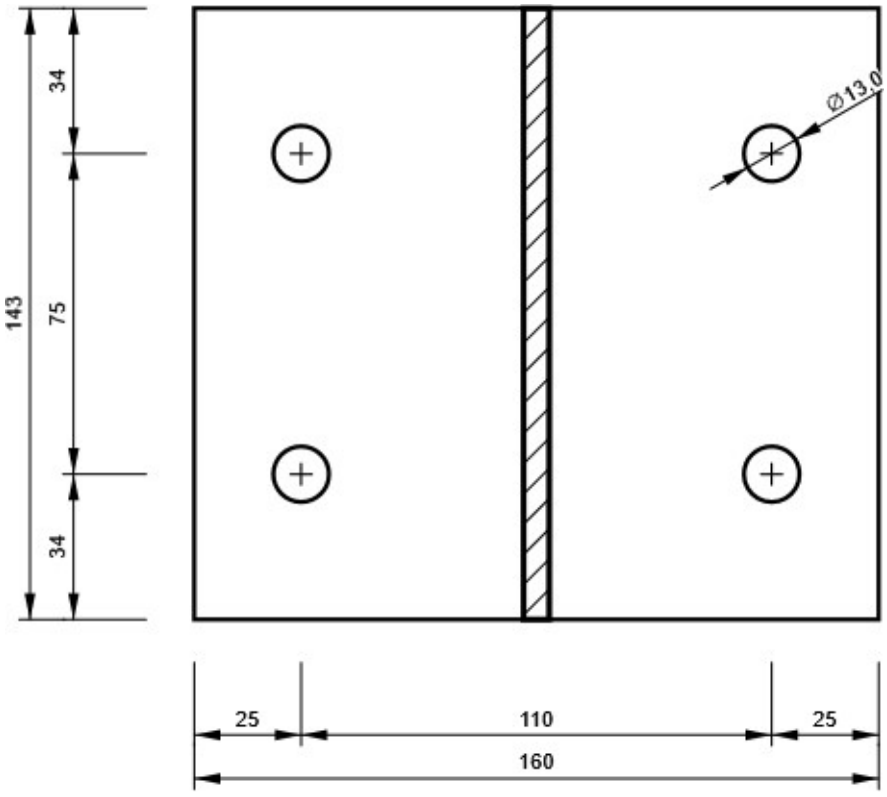
SEP2 - SEP2a

P15,0x143-160 (S275)



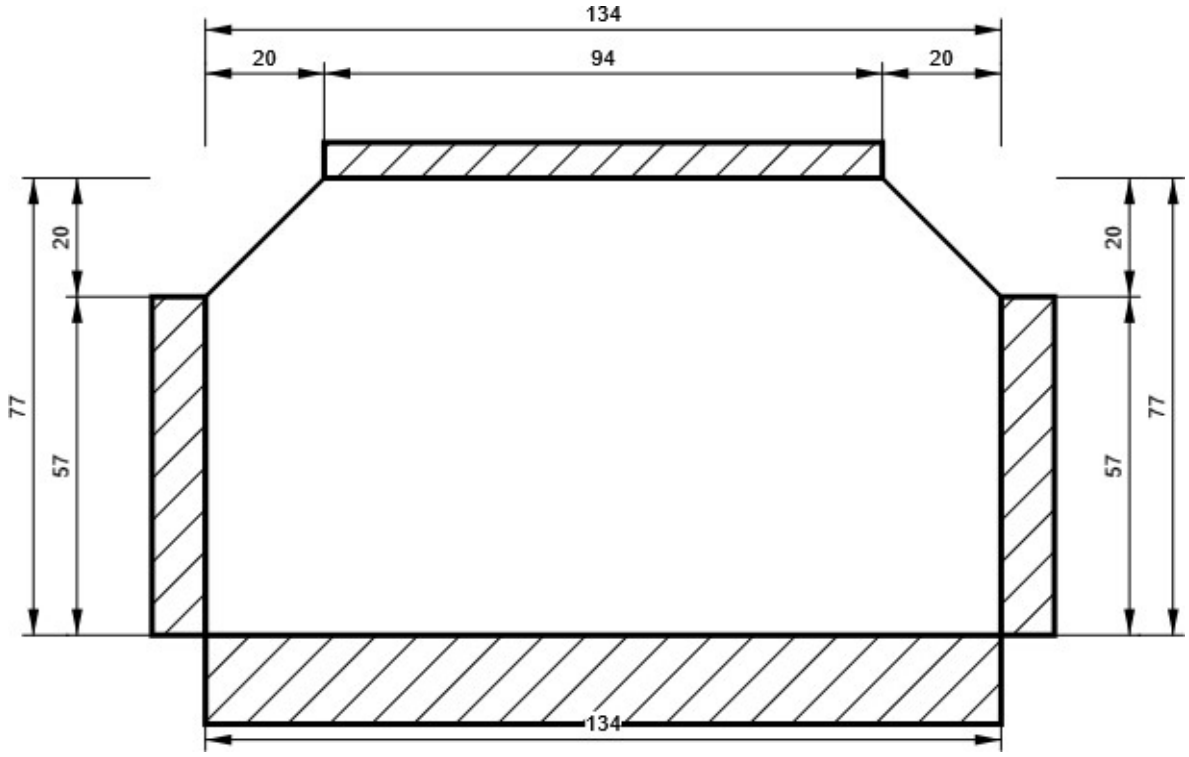
SEP2 - SEP2b

P15,0x143-160 (S275)



SEP2 - IRR

P10,0x134-77 (S275)



Spiegazione dei simboli

Simbolo	Spiegazione
t_p	Spessore piastra
σ_{Ed}	Sforzo equivalente
ε_{Pl}	Deformazione Plastica
$\sigma_{c,Ed}$	Tensione di contatto
f_y	Tensione di snervamento
ε_{lim}	Limite di deformazione plastica
$F_{t,Ed}$	Forza di trazione
$F_{v,Ed}$	Risultante delle forze di taglio del bullone Vy e Vz nei piani di taglio
$F_{b,Rd}$	Resistenza di progetto della piastra EN 1993-1-8 – Tab. 3.4
Ut_t	Utilizzo in trazione
Ut_s	Utilizzo a taglio
Ut_{ts}	Interazione di trazione e taglio EN 1993-1-8 – Tab. 3.4
$F_{t,Rd}$	Resistenza a trazione dei bulloni EN 1993-1-8 – Tab. 3.4
$B_{p,Rd}$	Resistenza a taglio a punzonamento EN 1993-1-8 – Tab. 3.4
$F_{v,Rd}$	Resistenza a taglio dei bulloni EN 1993-1-8 – Tab. 3.4
T_w	Spessore della gola a
L	Lunghezza
$\sigma_{w,Ed}$	Sforzo equivalente
$\sigma_{\perp}$	Tensione perpendicolare
$\tau_{\perp}$	Sforzo di taglio perpendicolare all'asse della saldatura
$\tau_{\parallel}$	Sforzo di taglio parallelo all'asse della saldatura
Ut	Utilizzo
Ut_c	Stima della capacità della saldatura
◢	Saldatura riempita
f_u	Resistenza ultima della saldatura
β_w	Fattore di correlazione EN 1993-1-8 – Tab. 4.1
$\sigma_{w,Rd}$	Resistenza sforzo equivalente
0.9 σ	Resistenza allo sforzo perpendicolare: 0.9*fu/γM2

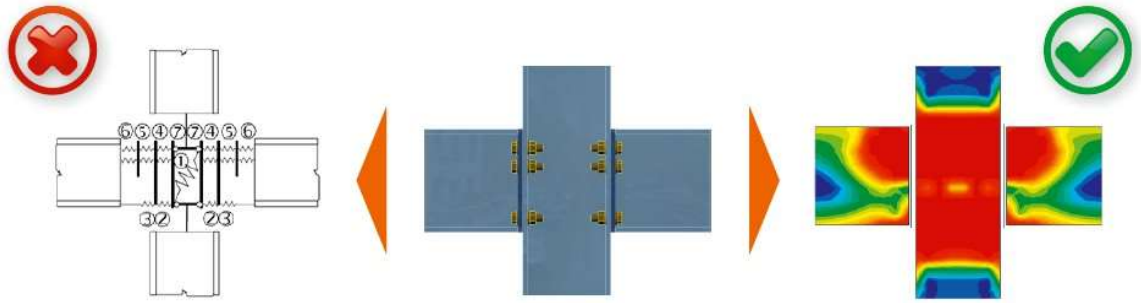
Impostazioni codice

Elemento	Valore	Unità	Riferimento
Coefficiente di sicurezza γ_{M0}	1,00	-	EN 1993-1-1: 6.1
Coefficiente di sicurezza γ_{M1}	1,00	-	EN 1993-1-1: 6.1
Coefficiente di sicurezza γ_{M2}	1,25	-	EN 1993-1-1: 6.1
Coefficiente di sicurezza γ_{M3}	1,25	-	EN 1993-1-8: 2.2
Coefficiente di sicurezza γ_{C}	1,50	-	EN 1992-1-1: 2.4.2.4
Coefficiente di sicurezza γ_{Inst}	1,20	-	EN 1992-4: Table 4.1
Coefficiente unione βj	0,67	-	EN 1993-1-8: 6.2.5
Area effettiva - influenza della dimensione della mesh	0,10	-	
Coefficiente di attrito - calcestruzzo	0,25	-	EN 1993-1-8
Coefficiente di attrito in resistenza all'attrito	0,30	-	EN 1993-1-8 scheda 3.7
Deformazione plastica limite	0,05	-	EN 1993-1-5
Dettagli costruttivi	Si		
Distanza tra i bulloni [d]	2,20	-	EN 1993-1-8: scheda 3.3
Distanza tra i bulloni e il bordo [d]	1,20	-	EN 1993-1-8: scheda 3.3
Resistenza a rottura conica del calcestruzzo	Entrambi		EN 1992-4: 7.2.1.4 and 7.2.2.5
Usa il valore di αb calcolato nella verifica a rifollamento.	Si		EN 1993-1-8: scheda 3.4
Calcestruzzo fessurato	Si		EN 1992-4
Verifica di deformazione locale	Si		CIDECT DG 1, 3 - 1.1
Limite di deformazione locale	0,03	-	CIDECT DG 1, 3 - 1.1
Non linearità geometrica (GMNA)	Si		Grandi deformazioni per sezioni cave
Sistema controventato	No		EN 1993-1-8: 5.2.2.5

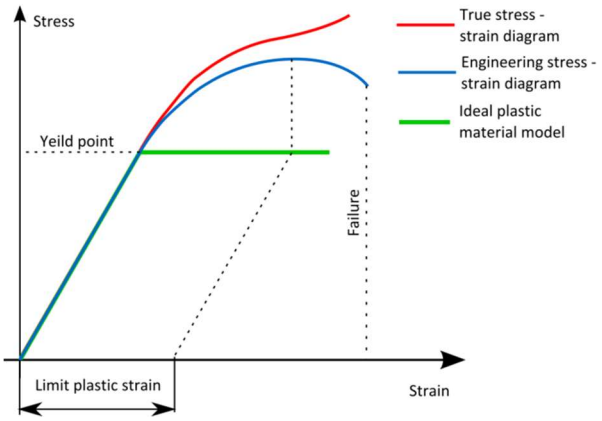
Theoretical Background

CBFEM versus Component method

The weak point of standard Component method is in analyzing of internal forces and stress in a joint. CBFEM replaces specific analysis of internal forces in joint with general FEA.

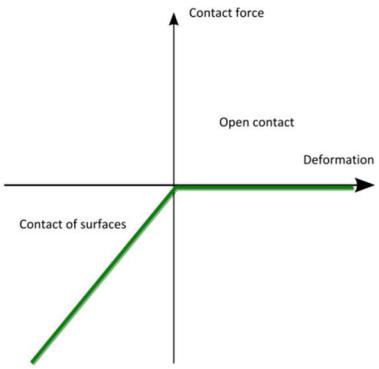


Check methods of specific components like bolts or welds are done according to standard Component method (Eurocode).
For the fasteners – bolts and welds – special FEM components had to be developed to model the welds and bolts behaviour in joint. All parts of 1D members and all additional plates are modelled as plate/walls. These elements are made of steel (metal in general) and the behaviour of this material is significantly nonlinear.
The real stress-strain diagram of steel is replaced by the ideal plastic material for design purposes in building practice. The advantage of ideal plastic material is, that only yield strength and modulus of elasticity must be known to describe the material curve. The granted ductility of construction steel is 15 %. The real usable value of limit plastic strain is 5% for ordinary design (1993-1-5 appendix C paragraph C.8 note 1).
The stress in steel cannot exceed the yield strength when using the ideal elastic-plastic stress-strain diagram.



Real tension curve and the ideal elastic-plastic diagram of material

CBFEM method aims to model the real state precisely. Meshes of plates / walls are not merged, no intersections are generated between them, unlike it is used to when modelling structures and buildings. Mesh of finite elements is generated on each individual plate independently on mesh of other plates.
Between the meshes, special massless force interpolation constraints are added. They ensure the connection between the edge of one plate and the surface or edge of the other plate.
This unique calculation model provides very good results – both for the point of view of precision and of the analysis speed. The method is protected by patent.
The steel base plate is placed loosely on the concrete foundation. It is a contact element in the analysis model – the connection resists compression fully, but does not resist tension.

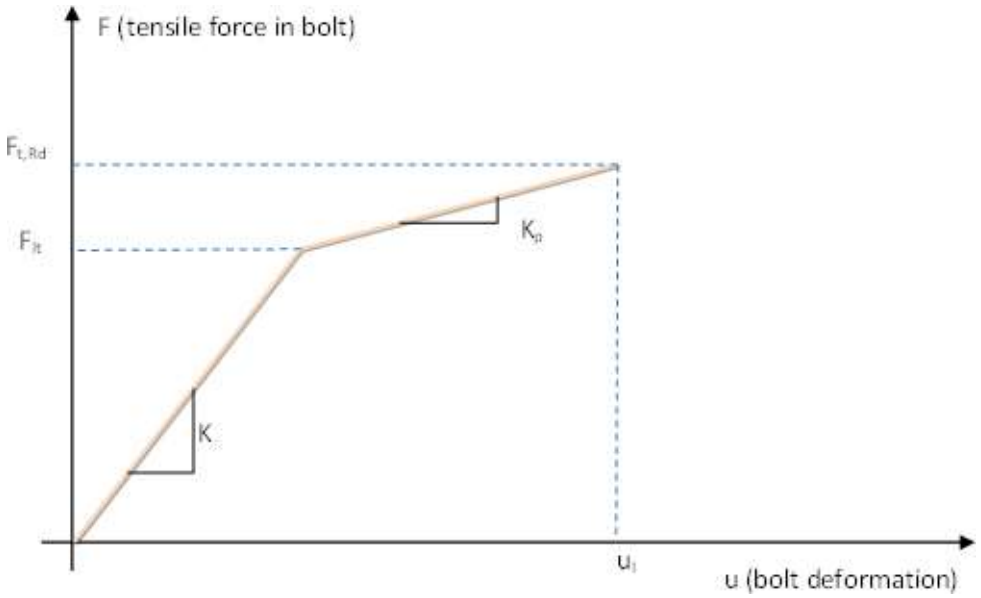


Stress-strain diagram of contact between the concrete block and the base plate

Welds are modelled using a special elastoplastic element, which is added to the interpolation links between the plates. The element respects the weld throat thickness, position and orientation. The plasticity state is controlled by stresses in the weld throat section. The plastic redistribution of stress in welds allows for stress peaks to be redistributed along the longer part of the weld.

Bolted connection consists of two or more clasped plates and one or more bolts. Plates are placed loosely on each other.
A contact element is inserted between plates in the analysis model, which acts only in compression. No forces are carried in tension.

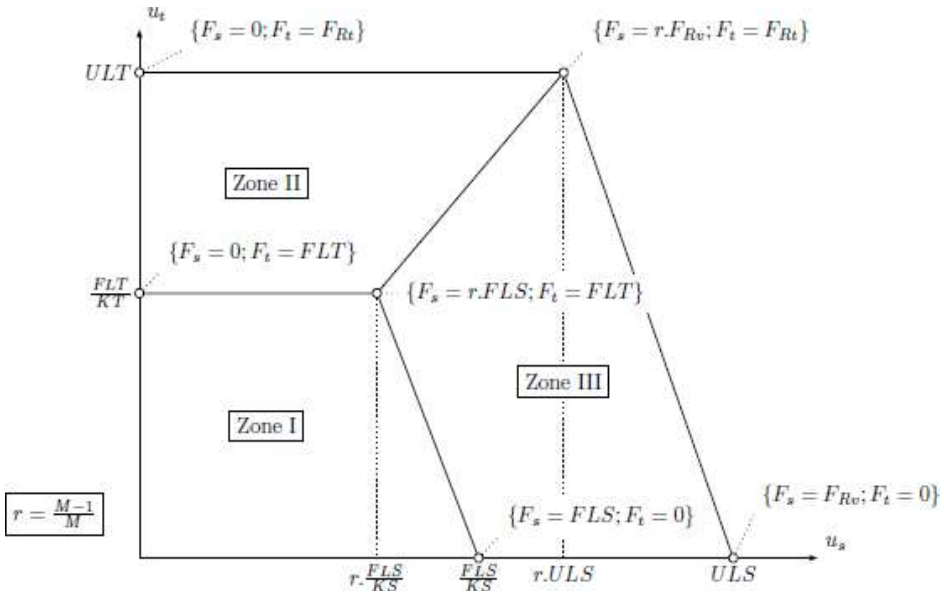
Shear force is taken by bearing. Special model for its transferring in the force direction only is implemented. IDEA StatiCa Connection can check bolts for interaction of shear and tension. The bolt behavior is implemented according to the following picture.



Bolt – tension

Symbols explanation:

- K – linear stiffness of bolt,
- K_p – stiffness of bolt at plastic branch,
- F_{lt} – limit force for linear behaviour of bolt,
- $F_{t,Rd}$ – limit bolt resistance,
- u_l – limit deformation of bolt.

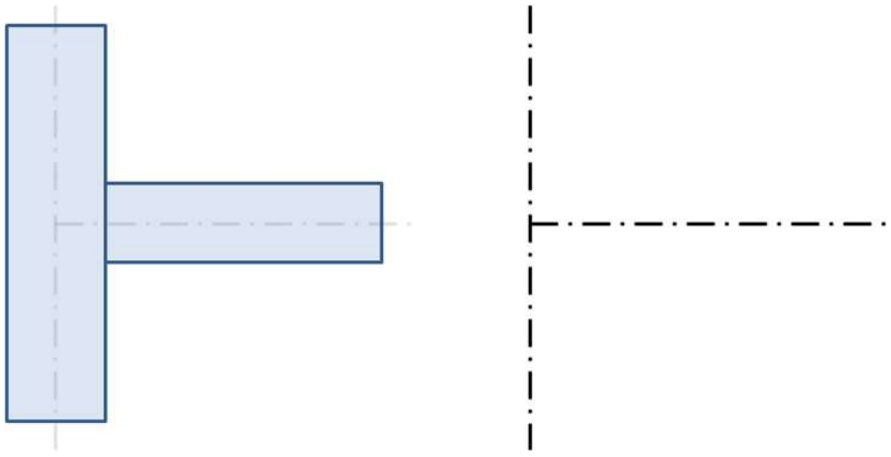


Bolt – interaction of shear and tension

The concrete block in CBFEM is modelled using Winkler-Pasternak subsoil model. The stiffness of subsoil is determined using modulus of elasticity of concrete and effective height of subsoil. The concrete block is not designed by CBFEM method.

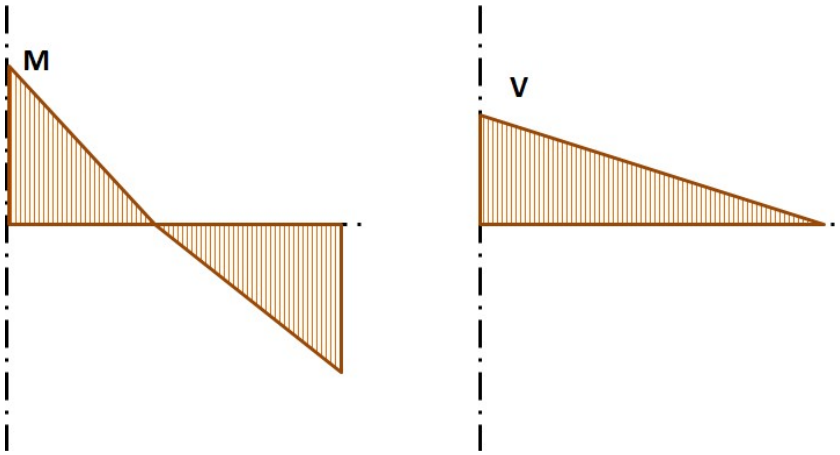
Loads

End forces of member of the frame analysis model are transferred to the ends of member segments. Eccentricities of members caused by the joint design are respected during load transfer.
The analysis model created by CBFEM method corresponds to the real joint very precisely, whereas the analysis of internal forces is performed on very idealised 3D FEM 1D model, where individual beams are modelled using centrelines and the joints are modelled using immaterial nodes.



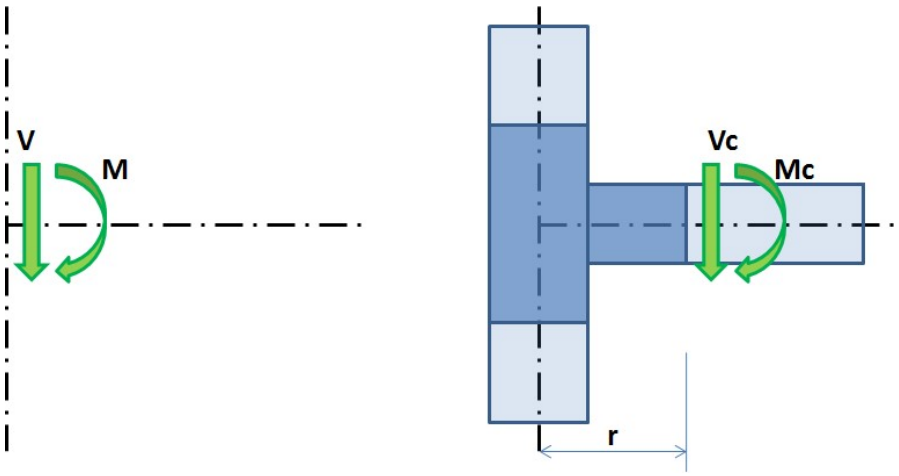
Joint of a vertical column and a horizontal beam

Internal forces are analysed using 1D members in 3D model. There is an example of courses of internal forces in the following picture.



Internal forces in horizontal beam. M and V are the end forces at joint.

The effects caused by member on the joint are important to design the joint (connection). The effects are illustrated in the following picture.



Effects of the member on the joint. CBFEM model is drawn in dark blue color.

Moment *M* and shear force *V* act in a theoretical joint. The point of theoretical joint does not exist in CBFEM model, thus the load cannot be applied here. The model must be loaded by actions *M* and *V*, which have to be transferred to the end of segment in the distance *r*.
$M_c = M - V \cdot r$
$V_c = V$
In CBFEM model, the end section of segment is loaded by moment M_c and force V_c.

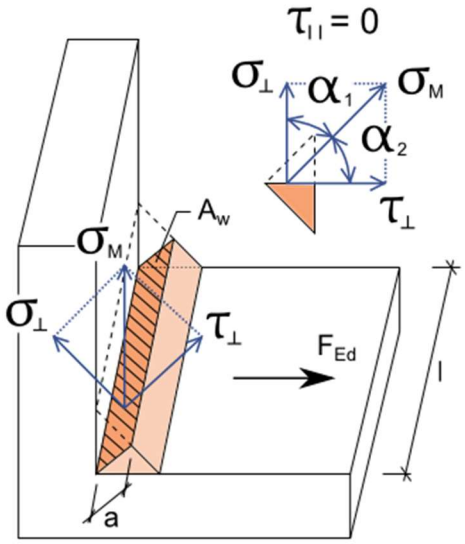
Welds

Design resistance

The stress in the throat section of fillet weld is determined according to EN 1993-1-8 – Cl. 4.5.3:
$\sigma_{w,Ed} = [\sigma_\perp^2 + 3 (\tau_\perp^2 + \tau_{||}^2)]^{0.5}$
$\sigma_{w,Rd} = f_u / (\beta_w \gamma_{M2})$
$0.9 \cdot \sigma_{w,Rd} = f_u / \gamma_{M2}$

Weld utilisation

$U_t = \min (\sigma_{w,Ed}/\sigma_{w,Rd}; \sigma_\perp/0.9 \cdot \sigma_{w,Rd})$
β_w – correlation factor – Tab. 4.1



Bolts

Design tension resistance of bolt: $F_{t,Rd} = 0.9\ f_{ub}\ A_s / \gamma_{M2}$.
Design shear resistance at punching of bolt head or nut EN 1993-1-8: $B_{p,Rd} = 0.6\ \pi\ d_m\ t_p\ f_u / \gamma_{M2}$.
Design shear resistance per one shear plane: $F_{v,Rd} = \alpha_v\ f_{ub}\ A / \gamma_{M2}$.
Design bearing resistance of plate EN 1993-1-8: $F_{b,Rd} = k_1\ a_b\ f_u\ d\ t / \gamma_{M2}$.
Utilisation in tension [%]: $Utt = F_{t,Ed} / \min (F_{t,Rd}, B_{p,Rd})$.
Utilisation in shear [%]: $Uts = V / \min (F_{v,Rd}, F_{b,Rd})$.
Interaction of shear and tension [%]: $Utts = (V / F_{v,Rd}) + (F_{t,Ed} / 1.4\ F_{t,Rd})$.
where

- A – gross cross-section of the bolt or tensile stress area of the bolt if threads are intercepted by shear area,
- A_s – tensile stress area of the bolt,
- f_{ub} – ultimate tensile strength,
- d_m – bolt head diameter,
- d – bolt diameter,
- t_p – plate thickness under the bolt head/nut,
- f_u – ultimate steel strength,
- α_v = 0.6 for classes (4.6, 5.6, 8.8)
  α_v = 0.5 for classes (4.8, 5.8, 6.8, 10.9),
- $k_1 \le 2.5$ – factor from Table 3.4,
- $a_b \le 1.0$ – factor from Table 3.4,
- $F_{t,Ed}$ – design tensile force in bolt,
- V – resultant of shear forces in bolt.

Preloaded bolts

The design slip resistance of a preloaded class 8.8 or 10.9 bolt is subjected to an applied tensile force, $F_{t,Ed}$.
Preloading force to be used EN 1993-1-8 – 3.9 (3.7)
$F_{p,C} = 0.7\ f_{ub}$ As
Design slip resistance per bolt EN 1993-1-8 3.9 – (3.8)
$F_{s,Rd} = k_s\ n\ \mu\ (F_{p,C} - 0.8\ F_{t,Ed}) / \gamma_{M3}$
Utilisation in shear [%]:
$U_{ts} = V / F_{s,Rd}$ where

- A_s – tensile stress area of the bolt,
- f_{ub} – ultimate tensile strength,
- k_s – coefficient given in Table 3.6; k_s = 1,
- μ – slip factor obtained,
- n – number of the friction surfaces. Check is calculated for each friction surface separately,
- γ_{M3} – safety factor,
- V – shear force,
- $F_{t,Ed}$ – design tensile force in bolt.

Anchors

Anchors are checked according to EN 1992-4. The following checks are performed:

- Tensile steel resistance (Cl. 7.2.1.3) is checked for each individual anchor.
- Concrete cone failure resistance (Cl. 7.2.1.4) is checked for an anchor or a group of anchors loaded in tension with a common concrete cone.
- Pull-out resistance (Cl. 7.2.1.5) is checked for each individual anchor with washer plate.
- Concrete blowout resistance (Cl. 7.2.1.8) is checked for a group of anchors with washer plates near a concrete edge.
- Anchor shear steel resistance (Cl. 7.2.2.3) is checked for each individual anchor. Anchoring with stand-off: direct is considered as shear without lever arm (Cl. 7.2.2.3.1), and anchoring with stand-off: mortar joint is considered as shear with lever arm (Cl. 7.2.2.3.2).
- Concrete pryout failure (Cl. 7.2.2.4) is checked for a group of anchors.
- Concrete edge failure (Cl. 7.2.2.5) is checked for a group of anchors near a concrete edge. It is assumed that the full shear load acting on a base plate is transferred via this group of anchors.

Note that pull-out and combined pull-out and concrete failures of bonded anchors are not checked due to missing values of shear strength of glue. Concrete splitting failure is not checked due to missing splitting forces of post-installed anchor. These checks, if relevant, must be verified by anchor manufacturer.

Anchors with stand-off

Anchor with stand-off is designed as a bar element loaded by shear force, bending moment, and compressive or tensile force. The bar element is designed according to EN 1993-1-1. The linear interaction of tension (compression) and bending moment is assumed.

Concrete block

Concrete resistance at concentrated compression:
$F_{jd} = \beta_j k_j f_{ck} / \gamma_C$.
Average stress under the base plate:
$\sigma = N / A_{eff}$.

Utilisation in compression [%]:
$U_t = \sigma / F_{jd}$,
where

- f_{ck} – characteristic compressive concrete strength,
- $\beta_j = 0.67$ – foundation joint material coefficient,
- k_j – concentration factor,
- γ_c – safety factor,
- A_{eff} – effective area, on which the column force N is distributed.

Shear in concrete block

1. Shear is transferred only by friction:
   $V_{Rd,y} = N \cdot C_f$,
   $V_{Rd,z} = N \cdot C_f$.
2. Shear is transferred by shear iron:
   $V_{Rd,y} = A_{vy} \cdot f_y / (\sqrt{3} \gamma_{M0})$,
   $V_{Rd,z} = A_{vz} \cdot f_y / (\sqrt{3} \gamma_{M0})$.
   Plates of shear lug, welds to the base plate and concrete in bearing are checked.
3. Shear is transferred by anchors:
   Anchors loaded in shear are checked according to EN 1992-4.

Utilisation in shear [%]:
$U_t = \min (V_y/V_{Rd,y}, V_z/V_{Rd,z})$,
where

- A_{vy} – shear area of shear iron cross-section,
- A_{vz} – shear area of shear iron cross-section,
- f_y – yield strength,
- γ_{M0} – safety factor,
- V_y – shear force component in the base plate plane in y-direction,
- V_z – shear force component in the base plate plane in z-direction,
- N – compressive force perpendicular to the base plate,
- C_f – coefficient of friction between steel and concrete.

Informazioni sul Software

Applicazione	IDEA StatiCa Connection
Versione	24.0.2.1659
Sviluppato da	IDEA StatiCa