



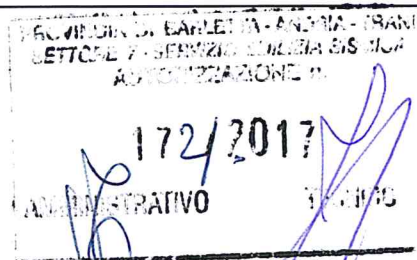
COMUNE DI BARLETTA

Medaglia d'oro al merito civile e militare
Città della Disfida

AMPLIAMENTO DELLA CAPIENZA DELL'IMPIANTO SPORTIVO MANZI-CHIAPULIN VIA DEI MANDORLI - ZONA "PARCO DEGLI ULIVI"

Fabbricato servizi igienici settore ospiti

PROGETTO ESECUTIVO



PROGETTISTA INCARICATO

Antonio SASSO ingegnere
Bisceglie - via C. de Trizio (già via Milano), 28

collaborazione

Mariagrazia RICCHIUTI ingegnere
Bisceglie - via C. de Trizio (già via Milano), 28



RESPONSABILE UNICO DEL PROCEDIMENTO

Vito VACCA ingegnere
Comune di Barletta - Funzionario Tecnico Settore Manutenzioni

Barletta - viale Marconi, 31
IL FUNZIONARIO
SETTORE MANUTENZIONI
Ing. Vito Vacca

COMMITTENTE

Donato LAMACCHIA architetto
Comune di Barletta - Dirigente Settore Manutenzioni
Barletta - viale Marconi, 31

IL DIRIGENTE
Arch. Donato LAMACCHIA

TAV	R. St.6	Relazione di calcolo strutturale
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progetto delle opere strutturali

Comune di Barletta
Medaglia d'oro al merito civile e militare
Città della Disfida

Ampliamento della capienza dell'impianto sportivo Manzi-Chiapulin
Via dei Mandorli – Zona "Parco degli Ulivi"

Fabbricato servizi igienici settore ospiti

PROGETTO ESECUTIVO
progetto delle opere strutturali

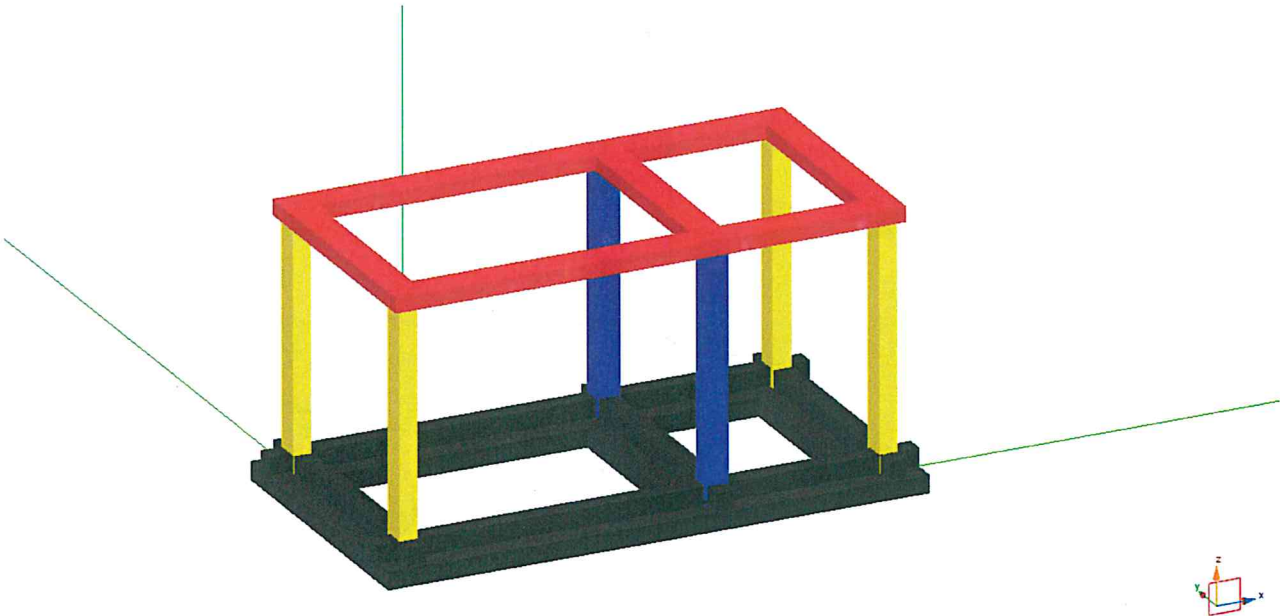
RELAZIONE DI CALCOLO STRUTTURALE

Barletta - impianto sportivo Manzi Chiapulin - fabbricato servizi igienici spettatori ospiti

Nolian EWS 39 (19.05.2014) build 5644

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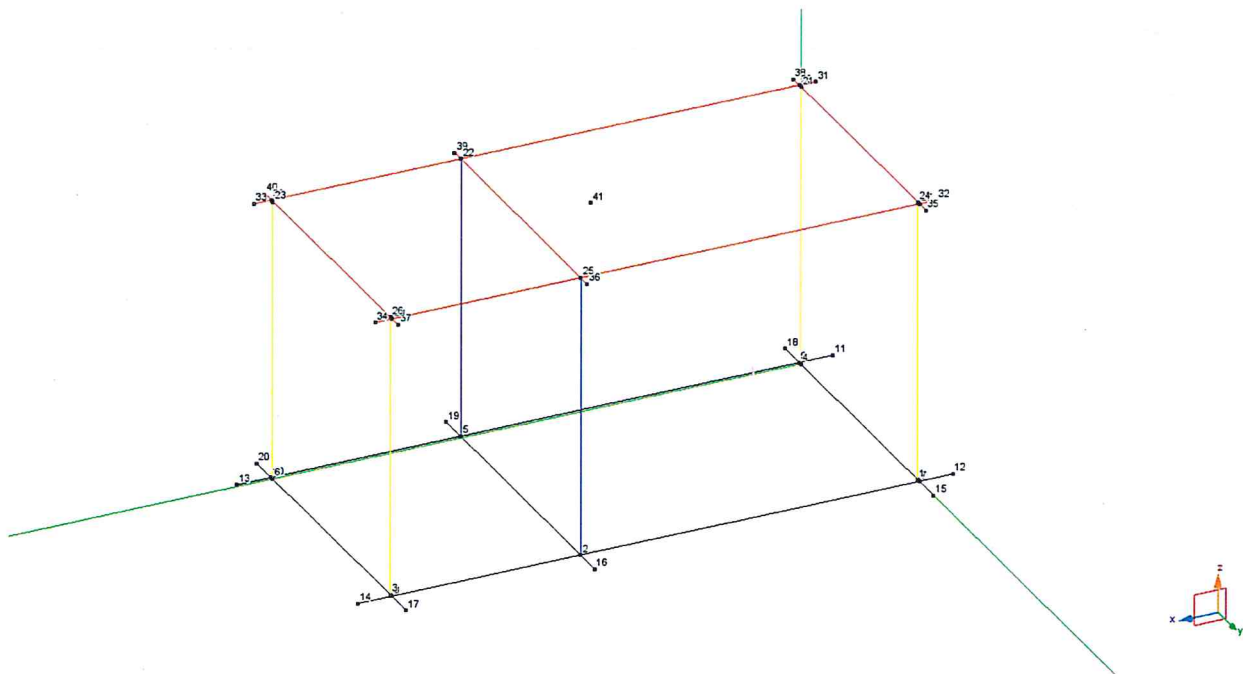
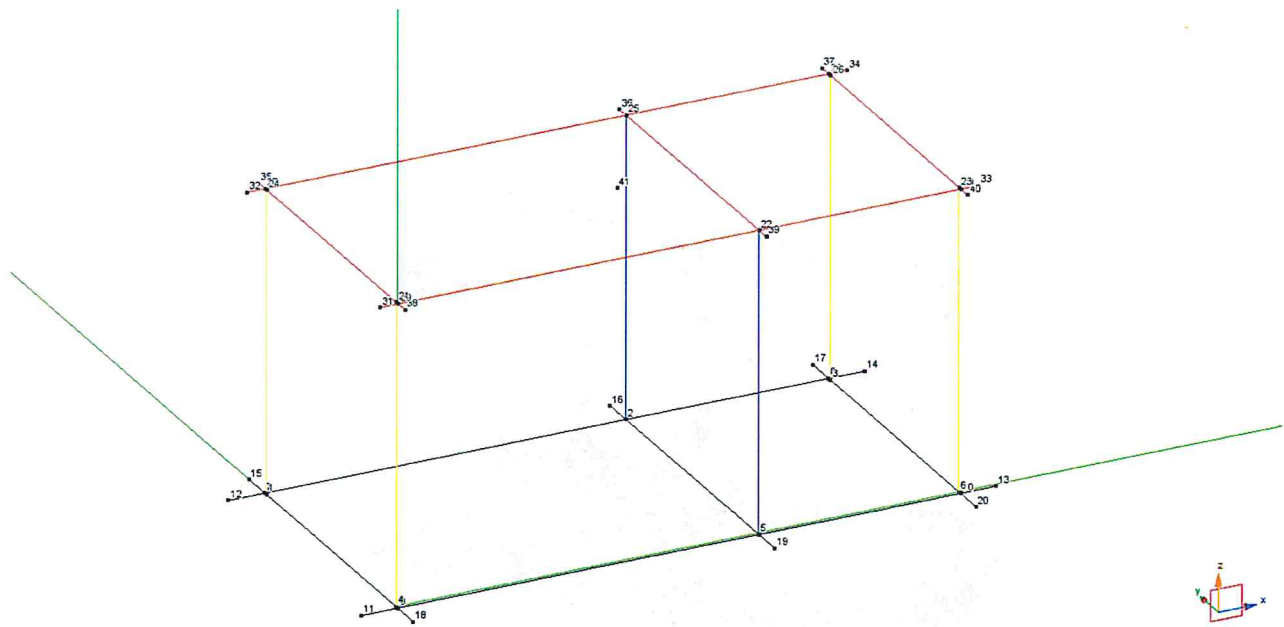
modello



COORDINATE E DATI DEI NODI

Nodo	x	y	z	tx	ty	tz	rx	ry	rz	ms	fz	mm
1	0	370	0	1	1	0	0	0	1	0	0	0
2	500	375	0	1	1	0	0	0	1	0	0	0
3	780	370	0	1	1	0	0	0	1	0	0	0
4	0	0	0	1	1	0	0	0	1	0	0	0
5	500	-5	0	1	1	0	0	0	1	0	0	0
6	780	0	0	1	1	0	0	0	1	0	0	0
7	0	375	0	1	1	0	0	0	1	0	0	0
8	780	375	0	1	1	0	0	0	1	0	0	0
9	0	-5	0	1	1	0	0	0	1	0	0	0
10	780	-5	0	1	1	0	0	0	1	0	0	0
11	-50	-5	0	1	1	0	0	0	1	0	0	0
12	-50	375	0	1	1	0	0	0	1	0	0	0
13	830	-5	0	1	1	0	0	0	1	0	0	0
14	830	375	0	1	1	0	0	0	1	0	0	0
15	0	420	0	1	1	0	0	0	1	0	0	0
16	500	420	0	1	1	0	0	0	1	0	0	0
17	780	420	0	1	1	0	0	0	1	0	0	0
18	0	-50	0	1	1	0	0	0	1	0	0	0
19	500	-50	0	1	1	0	0	0	1	0	0	0
20	780	-50	0	1	1	0	0	0	1	0	0	0
21	0	0	420	0	0	0	0	0	0	41	0	0
22	500	-5	420	0	0	0	0	0	0	41	0	0
23	780	0	420	0	0	0	0	0	0	41	0	0
24	0	370	420	0	0	0	0	0	0	41	0	0
25	500	375	420	0	0	0	0	0	0	41	0	0
26	780	370	420	0	0	0	0	0	0	41	0	0
27	0	375	420	0	0	0	0	0	0	0	0	0
28	780	375	420	0	0	0	0	0	0	0	0	0
29	0	-5	420	0	0	0	0	0	0	0	0	0
30	780	-5	420	0	0	0	0	0	0	0	0	0
31	-25	-5	420	0	0	0	0	0	0	41	0	0
32	-25	375	420	0	0	0	0	0	0	41	0	0
33	805	-5	420	0	0	0	0	0	0	41	0	0
34	805	375	420	0	0	0	0	0	0	41	0	0
35	0	395	420	0	0	0	0	0	0	41	0	0
36	500	395	420	0	0	0	0	0	0	41	0	0
37	780	395	420	0	0	0	0	0	0	41	0	0
38	0	-25	420	0	0	0	0	0	0	41	0	0
39	500	-25	420	0	0	0	0	0	0	41	0	0
40	780	-25	420	0	0	0	0	0	0	41	0	0
41	395.785	185	420	0	0	1	1	1	0	0	1	0

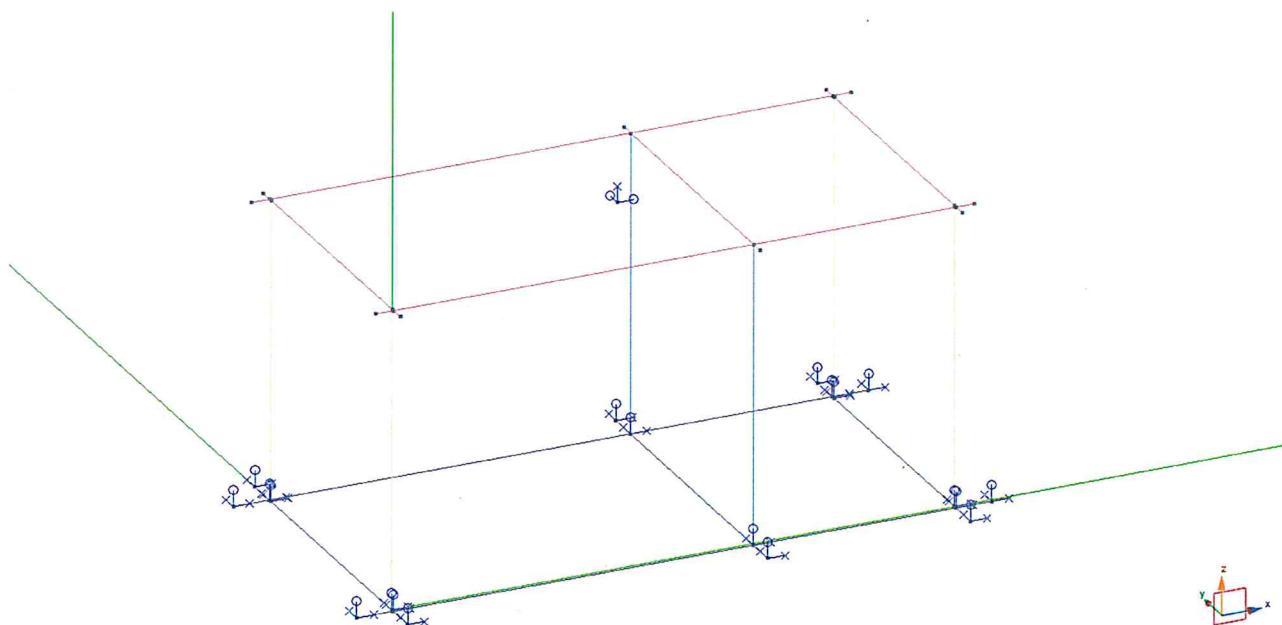
numerazione nodi



Constraint - Master-Slave

Master Slave

41 40 39 38 37 36 35 34 33 32 31 26 25
24 23 22 21

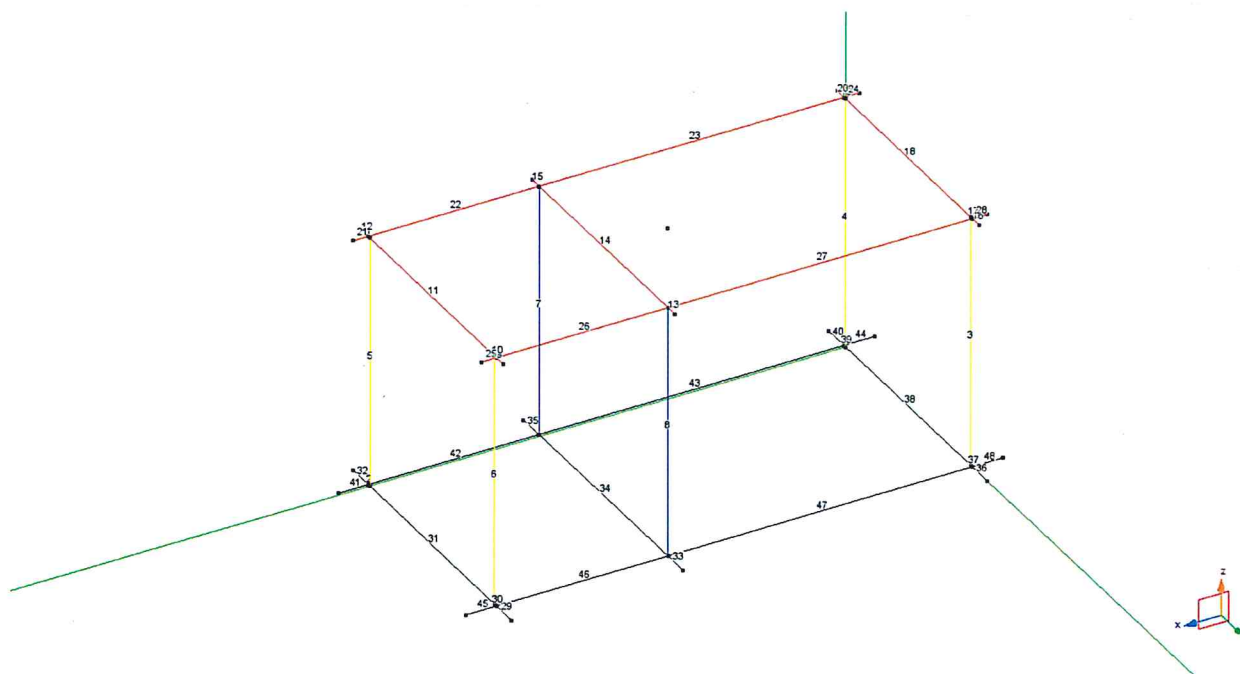
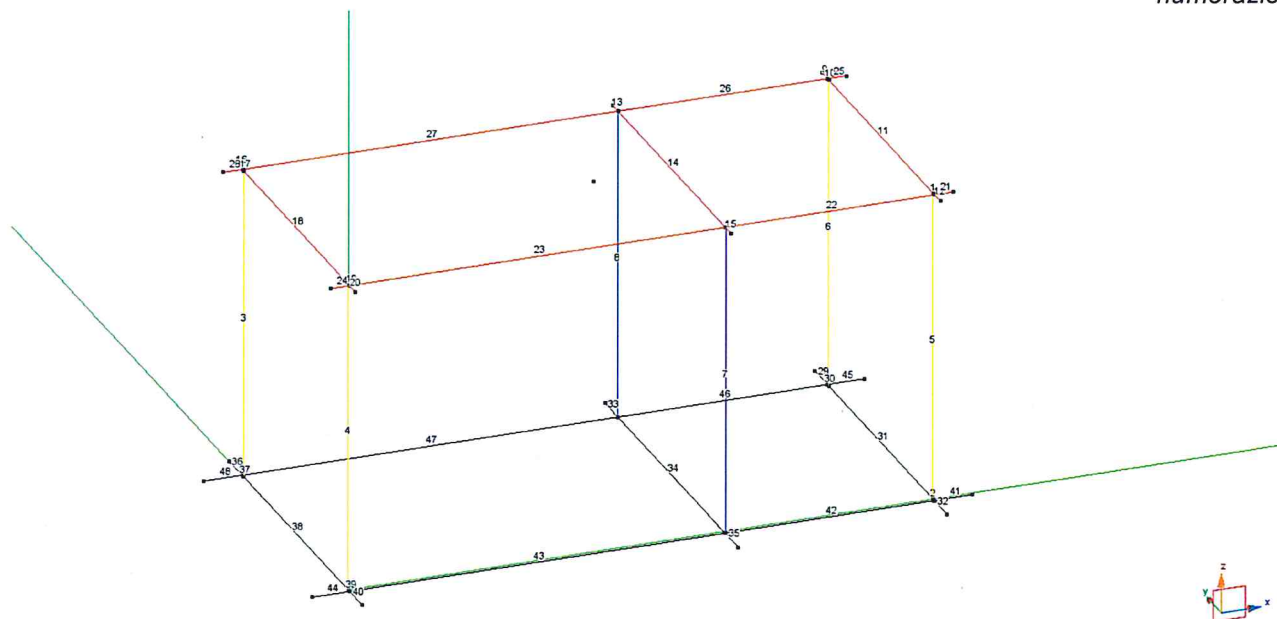


ESTREMI E DATI DEGLI ELEMENTI

Elemento	Estremi	Tipo	Carico	NodoK	Massa	Materiale-EE
1	23 30	5	0	0	0	
2	6 10	5	0	0	0	
3	1 24	1	1	0	1	
4	4 21	1	1	0	1	
5	6 23	1	1	0	1	
6	3 26	1	1	0	1	
7	5 22	2	1	0	1	
8	2 25	2	1	0	1	
9	28 37	3	44	0	2	
10	26 28	5	0	0	0	
11	23 26	3	44	0	2	
12	40 30	3	44	0	2	
13	25 36	3	42	0	3	
14	22 25	3	42	0	3	
15	39 22	3	42	0	3	
16	27 35	3	44	0	2	
17	24 27	5	0	0	0	
18	21 24	3	44	0	2	
19	21 29	5	0	0	0	
20	38 29	3	44	0	2	
21	30 33	3	44	0	2	
22	22 30	3	43	0	4	
23	29 22	3	43	0	4	
24	31 29	3	44	0	2	
25	28 34	3	44	0	2	
26	25 28	3	43	0	4	
27	27 25	3	43	0	4	
28	32 27	3	44	0	2	
29	8 17	4	1	0	0	
30	3 8	5	0	0	0	
31	6 3	4	45	0	0	
32	20 10	4	1	0	0	
33	2 16	4	1	0	0	
34	5 2	4	1	0	0	
35	19 5	4	1	0	0	
36	7 15	4	1	0	0	
37	1 7	5	0	0	0	
38	4 1	4	45	0	0	
39	4 9	5	0	0	0	
40	18 9	4	1	0	0	
41	10 13	4	1	0	0	
42	5 10	4	45	0	0	
43	9 5	4	45	0	0	
44	11 9	4	1	0	0	
45	8 14	4	1	0	0	
46	2 8	4	45	0	0	

47	7	2	4	45	0	0
48	12	7	4	1	0	0

numerazione aste



ELEMENTI TIPO

TRAVE SEZIONE DOPPIO T

Tipo	wd	wt	tft	tfw	bft	bfw	vi	vj
Materiale elastico: E=332306 G=166153								

1	30		40	0	0	0	0	0
2	40		30	0	0	0	0	0

Materiale elastico: E=320672 G=160336

3	25		50	0	0	0	0	0
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TRAVE WINKLER

Tipo	hh	bb	ft	wt	bw
Materiale elastico: E=320672 G=160336 K=21					

4 60 100 30 30 100

RIGEL

Tipo

5

Tipi di carico

Nome	Tipo	Grav.	Gamma	Gamma	Gamma	Psi 0	Psi 1	Psi 2	Psi 2	Phi
			fav	sfav.	sismico				sismico (coeff. correl.)	
Combinazione	combinazione		nd	0.00	0.00	nd	nd	nd	nd	nd
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Permanente non strutt.	permanente	*	0.00	1.50	1.00	nd	nd	nd	nd	nd
Sismico SLV	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLC	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLD	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLC	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Cat. A: Residenziale	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. B: Uffici	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. C: Affollamento	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. D: Commerciale	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. E: Magazzini	variabile	*	nd	1.50	1.00	1.00	0.90	0.80	0.80	1.00
Cat. F: Rimesse (<30kN)	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. G: Rimesse (>30kN)	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. H: Copertura	variabile	*	nd	1.50	1.00	0.00	0.00	0.00	0.20	1.00
Neve (q<1000)	variabile	*	nd	1.50	1.00	0.50	0.20	0.00	0.00	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.00	1.00
Vento	variabile non contemporaneo		nd	1.50	0.00	0.60	0.20	0.00	0.00	1.00
Temperatura	variabile non contemporaneo		nd	1.50	0.00	0.60	0.50	0.00	0.00	1.00

SPETTRI DI RISPOSTA

SLDh

fattore q automatico SI

Dir. azione sismica orizzontale

regolare in pianta SI

regolare in altezza SI

numero di intervalli 32

materiale struttura Calcestruzzo

tipologia struttura Telaio di un piano

forma dello spettro Elastico

categoria del suolo Depositi di sabbie o ghiaie molto addensate o argille consistenti

classe di duttilità Bassa

categoria topografica T1

normativa DM 2008

zona sismica II

classe d'uso 3

tipo di stato limite SLD

durata totale 2.00

smorzamento 5.00

f0 2.50

Ag/g 0.06

Tc* 0.32

longitudine 16.26

latitudine 41.30

Pv 0.63

Vr 75.00

Tr 75.43

fattore q effettivo 1.50

fattore n effettivo 1.00

fattore s effettivo 1.20

periodo risposta

0 1.2

0.0645161 1.54863

0.147987 1.99969

0.193548 1.99969

0.258065 1.99969

0.322581 1.99969

0.387097 1.99969

0.443961 1.99969

0.516129 1.72008

0.580645 1.52896

0.645161 1.37606

0.709677 1.25097

0.774194 1.14672

0.83871 1.05851

0.903226 0.982903

0.967742 0.917376
 1.03226 0.86004
 1.09677 0.80945
 1.16129 0.76448
 1.22581 0.724245
 1.29032 0.688032
 1.35484 0.655269
 1.41935 0.625484
 1.48387 0.598289
 1.54839 0.57336
 1.6129 0.550426
 1.67742 0.529256
 1.74194 0.509654
 1.80645 0.491452
 1.87097 0.469137
 1.93548 0.438382
 2 0.410556

SLVh

fattore q automatico SI
 Dir. azione sismica orizzontale
 regolare in pianta SI
 regolare in altezza SI
 numero di intervalli 32
 materiale struttura Calcestruzzo
 tipologia struttura Telaio di un piano
 forma dello spettro Inelastico
 categoria del suolo Depositi di sabbie o ghiaie molto addensate o argille consistenti
 classe di duttilità Bassa
 categoria topografica T1
 normativa DM 2008
 zona sismica II
 classe d'uso 3
 tipo di stato limite SLV
 durata totale 2.36
 smorzamento 5.00
 f_0 2.49
 A_g/g 0.19
 T_c^* 0.37
 longitudine 16.26
 latitudine 41.30
 P_v 0.10
 V_r 75.00
 T_r 711.84
 fattore q effettivo 3.30
 fattore n effettivo 1.00
 fattore s effettivo 1.20

periodo risposta

periodo	risposta
0	1.2
0.0760416	1.06554
0.167291	0.904184
0.228125	0.904184
0.304166	0.904184
0.380208	0.904184
0.45625	0.904184
0.501872	0.904184
0.608333	0.745947
0.684375	0.663064
0.760416	0.596758
0.836458	0.542507
0.912499	0.497298
0.988541	0.459045
1.06458	0.426256
1.14062	0.397839
1.21667	0.372974
1.29271	0.351034
1.36875	0.331532
1.44479	0.314083
1.52083	0.298379
1.59687	0.28417
1.67292	0.271254
1.74896	0.25946
1.825	0.248649
1.90104	0.238703
1.97708	0.229522
2.05312	0.221021
2.12917	0.213128
2.20521	0.205779
2.28125	0.2
2.35729	0.2

SLOh

fattore q automatico SI

Dir. azione sismica orizzontale
 regolare in pianta SI
 regolare in altezza SI
 numero di intervalli 32
 materiale struttura Calcestruzzo
 tipologia struttura Telaio di un piano
 forma dello spettro Elastico
 categoria del suolo Depositi di sabbie o ghiaie molto addensate o argille consistenti
 classe di duttilità Bassa
 categoria topografica T1
 normativa DM 2008
 zona sismica II
 classe d'uso 3
 tipo di stato limite SLO
 durata totale 2.36
 smorzamento 5.00
 f0 2.55
 Ag/g 0.05
 Tc* 0.29
 longitudine 16.26
 latitudine 41.30
 Pv 0.81
 Vr 75.00
 Tr 45.16
 fattore q effettivo 1.00
 fattore n effettivo 1.00
 fattore s effettivo 1.20

periodo	risposta
0	1.2
0.0760416	2.24877
0.134661	3.05725
0.228125	3.05725
0.304166	3.05725
0.403984	3.05725
0.45625	2.70702
0.532291	2.3203
0.608333	2.03027
0.684375	1.80468
0.760416	1.62421
0.836458	1.47656
0.912499	1.35351
0.988541	1.24939
1.06458	1.16015
1.14062	1.08281
1.21667	1.01513
1.29271	0.955419
1.36875	0.902341
1.44479	0.854849
1.52083	0.812107
1.59687	0.773435
1.67292	0.738279
1.74896	0.70618
1.825	0.663312
1.90104	0.611308
1.97708	0.565189
2.05312	0.524098
2.12917	0.487331
2.20521	0.454302
2.28125	0.42452
2.35729	0.397573

CARICHI UNIFORMI TIPO

Condizione di carico: "tompagni" Tipo: "Permanente"

Tipo cdx cdy cdz ref lato
45 0 0 -9 gbl 0

Condizione di carico: "muretti d'attico" Tipo: "Permanente"

Tipo cdx cdy cdz ref lato
42 0 0 -1.5 gbl 0
43 0 0 -1.5 gbl 0
44 0 0 -1.5 gbl 0

Condizione di carico: "neve" Tipo: "Neve (q<1000)"

Tipo cdx cdy cdz ref lato
43 0 0 -1.8 gbl 0
44 0 0 -0.5 gbl 0

Condizione di carico: "variabili copertura" Tipo: "Cat. H: Copertura"

Tipo cdx cdy cdz ref lato
43 0 0 -1.1 gbl 0
44 0 0 -0.3 gbl 0

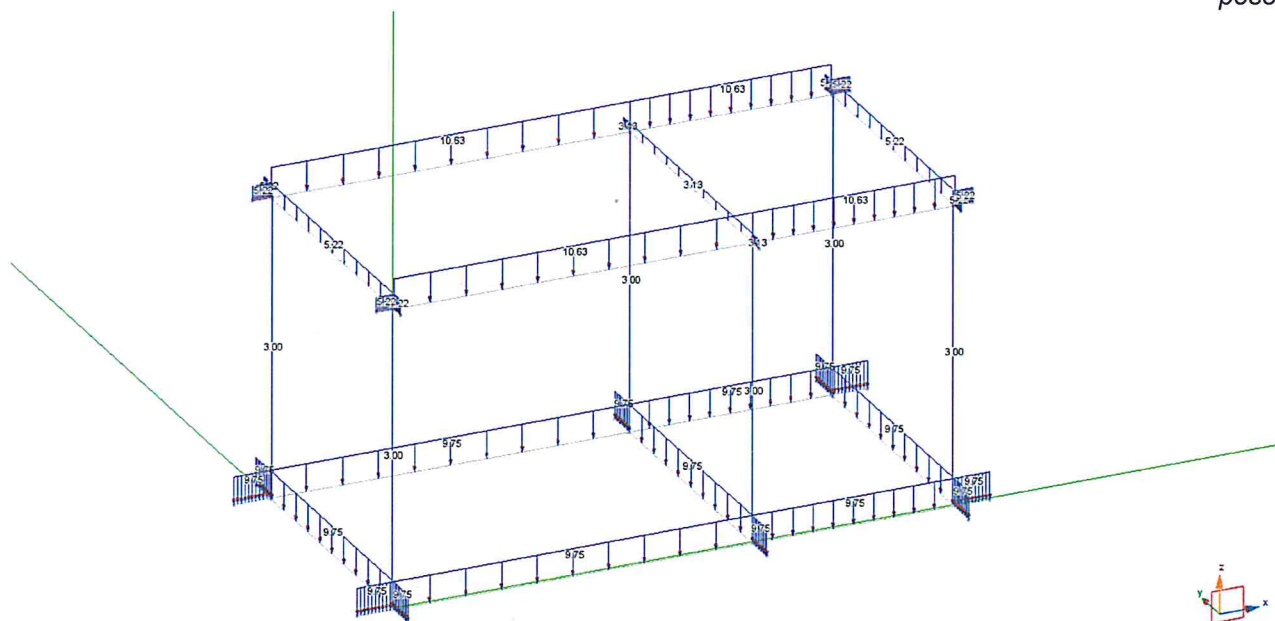
Condizione di carico: "permanenti" Tipo: "Permanente"

Tipo	cdx	cdy	cdz	ref	lato
43	0	0	-5.2	gb1	0
44	0	0	-1.5	gb1	0

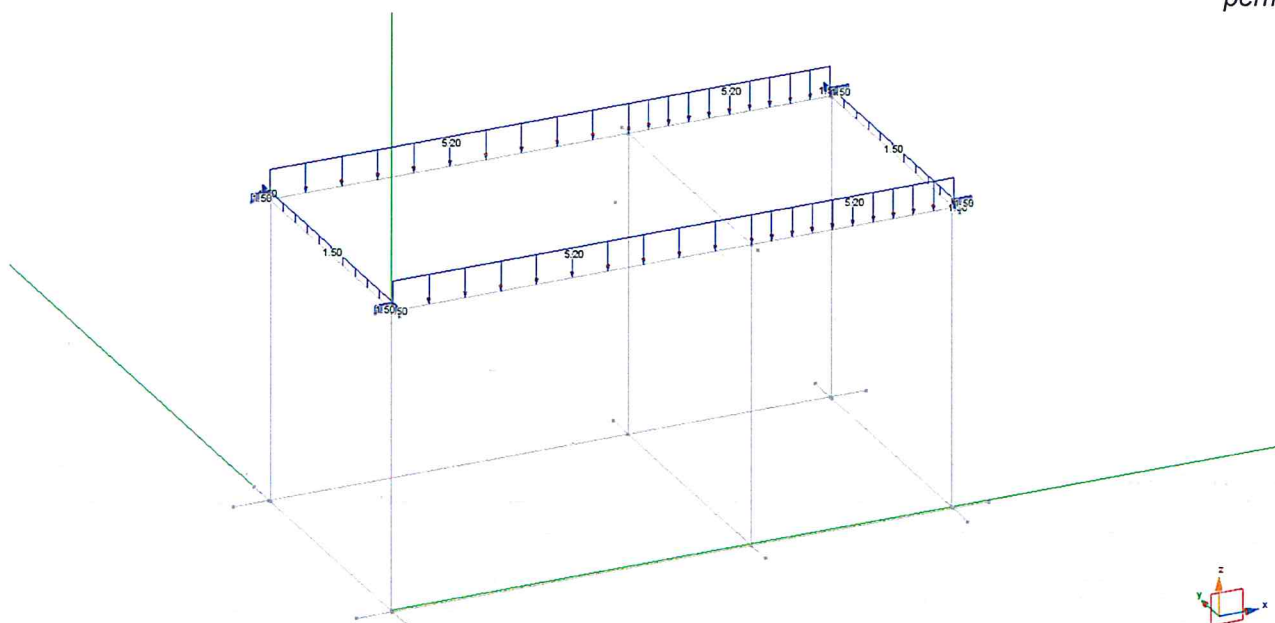
Condizione di carico: "peso proprio" Tipo: "Permanente"

Tipo	cdx	cdy	cdz	ref	lato
43	0	0	-7.5	gb1	0
44	0	0	-2.1	gb1	0

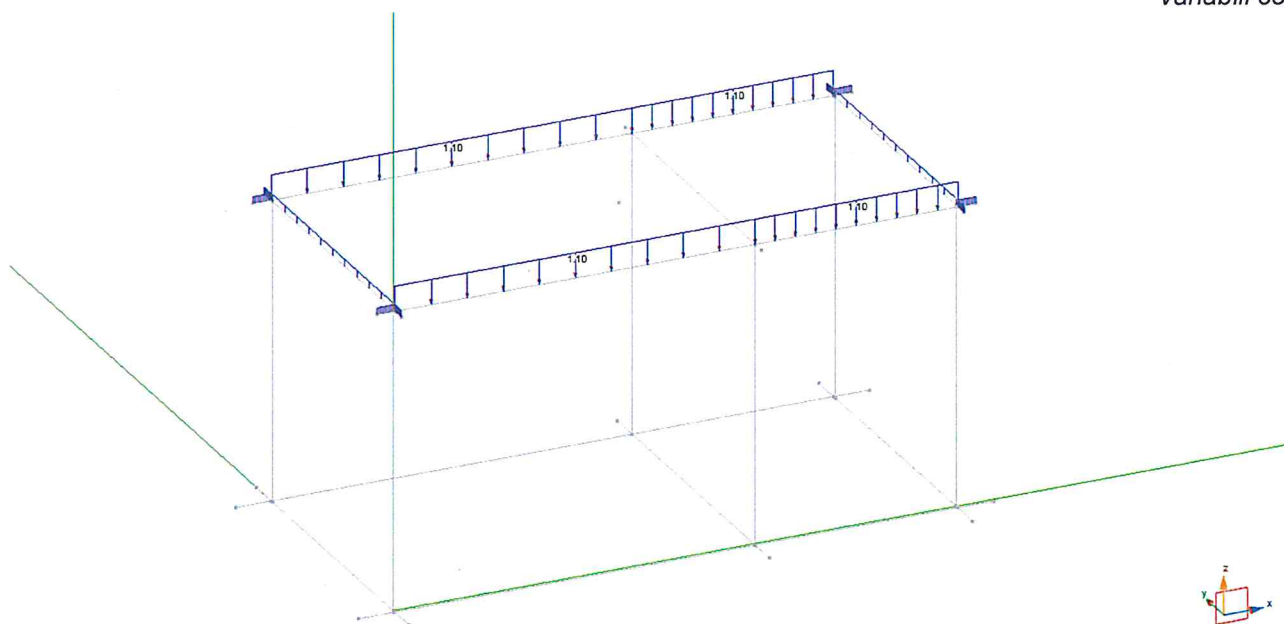
peso proprio



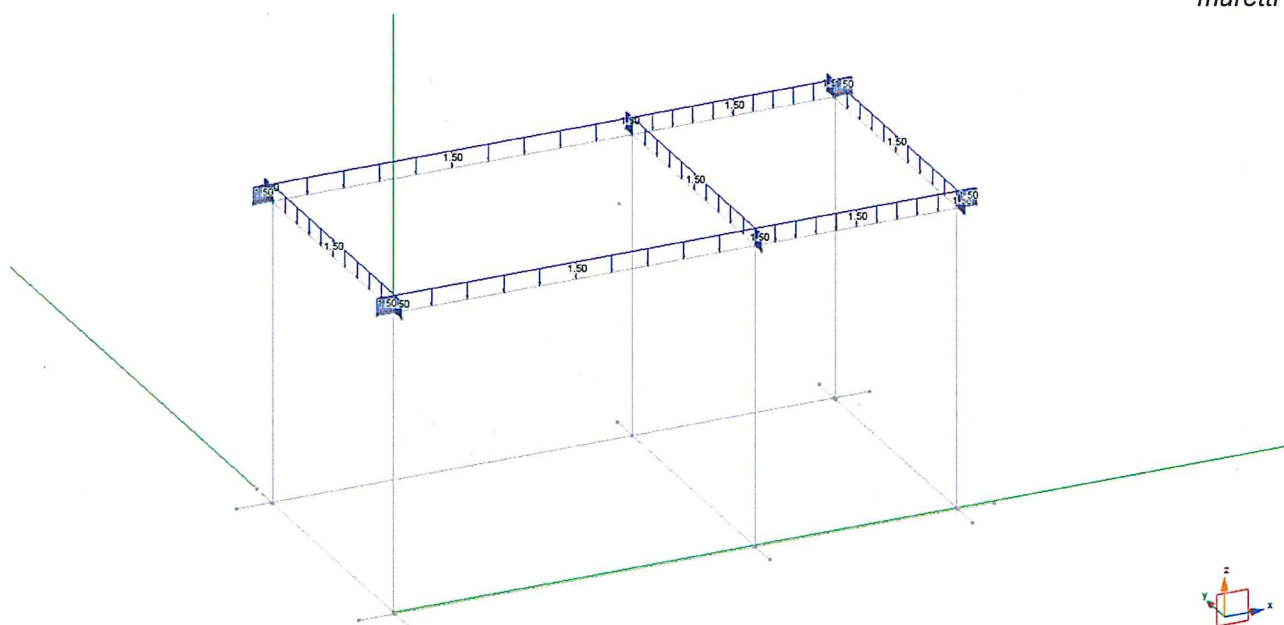
permanente



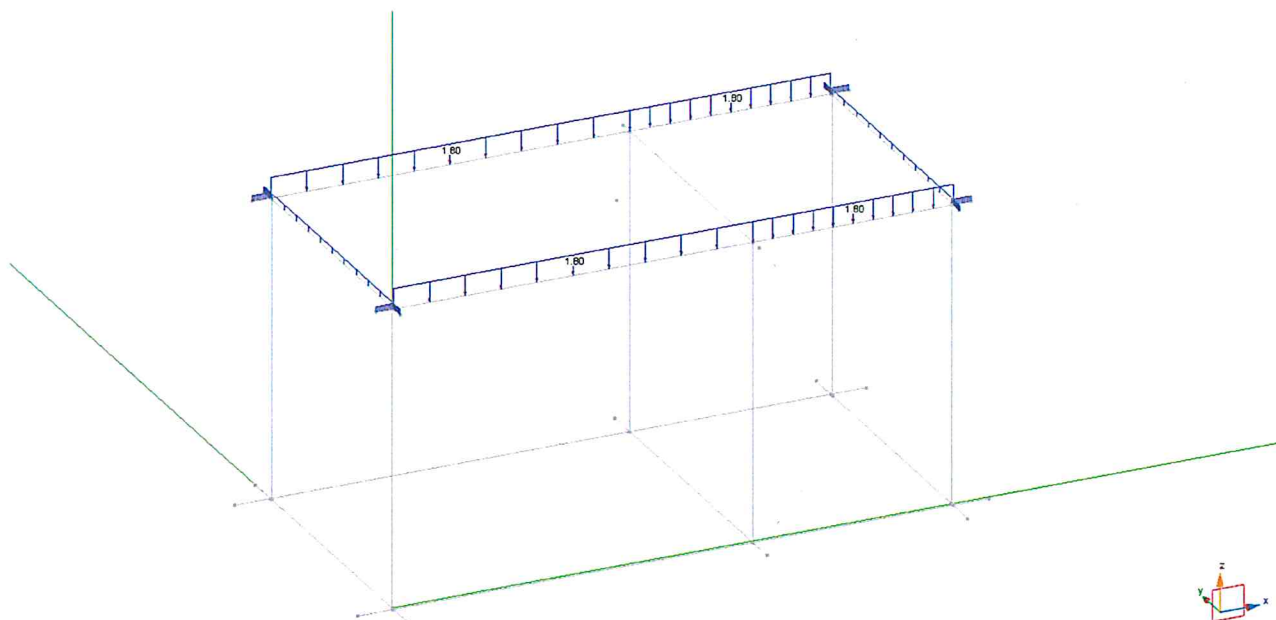
variabili copertura



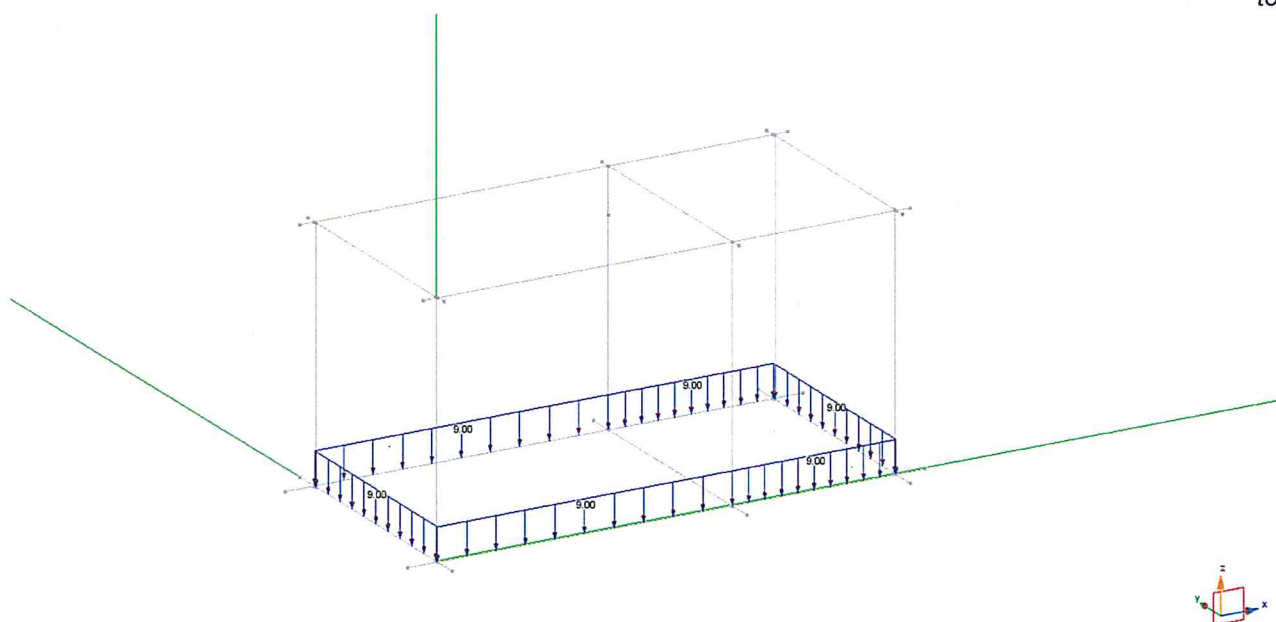
muretti d'attico



neve



tompagni



PESI PROPRI TIPO

Condizione di carico: "peso proprio" Tipo: "Permanente"

Tipo	gm	gx	gy	gz
1	0.0025	0	0	-1
42	0.0025	0	0	-1
43	0.0025	0	0	-1
44	0.0025	0	0	-1
45	0.0025	0	0	-1

FORZE TIPO

Condizione di carico: "Torcente di piano SLO" Tipo: "Torcente SLO"

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	0	0	0	0	0	354200
2	0	0	0	0	0	354200

3 0 0 0 0 0 354200
31 0 0 0 0 0 285799
32 0 0 0 0 0 285799
33 0 0 0 0 0 285799

Condizione di carico: "Torcente di piano SLV" Tipo: "Torcente SLV"

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	0	0	0	0	0	420300
2	0	0	0	0	0	354535
3	0	0	0	0	0	354535
6	0	0	0	0	0	744074
7	0	0	0	0	0	3.6268e+006
8	0	0	0	0	0	744074
9	0	0	0	0	0	744074
10	0	0	0	0	0	744074
11	0	0	0	0	0	3.6268e+006
12	0	0	0	0	0	3.6268e+006
13	0	0	0	0	0	3.6268e+006
14	0	0	0	0	0	744074
15	0	0	0	0	0	3.6268e+006
16	0	0	0	0	0	744074
17	0	0	0	0	0	3.6268e+006
18	0	0	0	0	0	744074
19	0	0	0	0	0	3.6268e+006
20	0	0	0	0	0	744074
21	0	0	0	0	0	3.6268e+006
22	0	0	0	0	0	744074
23	0	0	0	0	0	3.6268e+006
24	0	0	0	0	0	711651
25	0	0	0	0	0	3.46876e+006
26	0	0	0	0	0	711651
27	0	0	0	0	0	3.46876e+006
28	0	0	0	0	0	711651
29	0	0	0	0	0	3.46876e+006
33	0	0	0	0	0	354535

Condizione di carico: "Torcente di piano SLD" Tipo: "Torcente SLD"

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	0	0	0	0	0	306617
2	0	0	0	0	0	306617
3	0	0	0	0	0	249940
4	0	0	0	0	0	622092
5	0	0	0	0	0	3.03223e+006
6	0	0	0	0	0	622092
7	0	0	0	0	0	3.03223e+006
8	0	0	0	0	0	622092
9	0	0	0	0	0	622092
10	0	0	0	0	0	622092
11	0	0	0	0	0	3.03223e+006
12	0	0	0	0	0	3.03223e+006
13	0	0	0	0	0	3.03223e+006
14	0	0	0	0	0	622092
15	0	0	0	0	0	3.03223e+006
16	0	0	0	0	0	622092
17	0	0	0	0	0	3.03223e+006
18	0	0	0	0	0	622092
19	0	0	0	0	0	3.03223e+006
20	0	0	0	0	0	622092
21	0	0	0	0	0	3.03223e+006
22	0	0	0	0	0	612235
23	0	0	0	0	0	2.98418e+006
24	0	0	0	0	0	612235
25	0	0	0	0	0	2.98418e+006
26	0	0	0	0	0	612235
27	0	0	0	0	0	2.98418e+006
28	0	0	0	0	0	612235
29	0	0	0	0	0	2.98418e+006
32	0	0	0	0	0	249940
33	0	0	0	0	0	249940

MASSE TIPO

Tipo	dn	md	dp
1	2.54842e-006		0 0.05
2	2.54842e-006	0.00525994	0.05
3	2.54842e-006	0.00152905	0.05
4	2.54842e-006	0.0146993	0.05

Dati di sintesi per piani

Spostamenti dinamici di piano

Piano	Quota	SLVx(tx)	SLVx(ty)	SPVx(rz)	SLVy(tx)	SLVy(ty)	SPVy(rz)	SLDx(tx)	SLDx(ty)	SPDx(rz)	SLDy(tx)	SLDy(ty)	SPDy(rz)
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1 420 1.28576 -1.75553e-015 8.69651e-019 -1.75553e-015 1.26421 -0.000589338 0.222382 -3.03632e-016 1.50413e-019 -3.03632e-016 0.218654 -0.00010193

Gli spostamenti per SLV sono amplificati come da DM08 §7.3.3.3.

Piano	Quota	SLOx(tx)	SLOx(ty)	SPOx(rz)	SLOY(tx)	SLOY(ty)	SPOy(rz)	SLCx(tx)	SLCx(ty)	SPCy(rz)	SLCx(ty)	SLCx(ty)	SPCy(rz)
1	420	0.256894	-3.50753e-016	1.73755e-019	-3.50753e-016	0.252587	-0.000117749	0	0	0	0	0	0

Risultanti sismiche di piano

Piano	Quota	SLU	Fx	Fy	Mz	gx	gy
1	420	SLDx	5084.5	2.32925e-013	-4.65661e-010	426.667	185
1	420	SLDy	-1.7053e-013	5016.29	-3.86154e+006	426.667	185
1	420	SLVx	6969.67	3.13527e-013	-6.98492e-010	426.667	185
1	420	SLVy	-1.98952e-013	6876.16	-5.29327e+006	426.667	185
1	420	SLOx	5873.56	2.72893e-013	-6.98492e-010	426.667	185
1	420	SLOY	-1.42109e-013	5794.76	-4.46081e+006	426.667	185

Masse e dimensioni di piano

Piano	Quota	M	Gmx	Gmy	Lmin	Lmax
1	420	37.6503	395.785	185	420	830

Per il piano Piano a quota Quota si espongono: massa di piano M, centro di massa Gm, dimensioni minime e massime del piano, incluse eventuali sporgenze Lmin ed Lmax.

Rigidezza di piano

Piano	Quota	Jx	Jy	Jt	Gjx	Gjy
1	420	22863.8	22956.8	4.28909e+009	395.785	161.669

Per il piano Piano a quota Quota si espongono: le rigidezze di piano Jx, Jy e Jt dove Jt è la rigidezza torsionale, il centro delle rigidezze Gj.

Altri parametri di piano

Piano	Quota	Thx	Thy	Ex	Ey	grx	gry	gmx	gmy
1	420	0.0162232	0.0161575	-2.89514e-014	-23.3315	433.12	431.612	305.052	187.478

Per il piano Piano a quota Quota si espongono: i fattori di sensibilità allo spostamento laterale Thx e Thy, le eccentricità del centro di massa rispetto al centro di rigidezza ex ed ey, i giratori di rigidezza e di massa gr e gm ed infine il fattore di disaccoppiamento omega degli autovalori di piano.

Parametri riassuntivi

Nome	Definizione	Valore
A	Massima eccentricità	0.0281102
B	Massimo rapporto frequenze disaccoppiate traslazionale/torsionale	2.70482
C	Massimo rapporto tra giratori di rigidezza	1.00349
D	Massima variazione verticale di eccentricità	0
E	Massima variazione verticale di massa	0
F	Massima variazione verticale di rigidezza in aumento	0
G	Massima variazione verticale di rigidezza in diminuzione	0
H	Massimo coefficiente sensibilità spostamento laterale	0.0162232
I	Minima deformabilità torsionale	1.60966
L	Amplificazione spostamenti sismici	4.21791
M	Amplificazione azione sismica per non Lin. Geom.	1
N	Criterio di regolarità	Regolare

Qui la struttura si definisce regolare se è vera la seguente espressione logica nella quale si sono indicate le variabili come più sopra esposto: C<1.5 AND E<0.25 AND G<0.3 AND F<0.1 AND D<0.25 AND ((B<1.0 AND A<=0.05) OR (B>=1.0 AND A<=0.1)).

INFORMAZIONI - ANALISI "STATICA"

Equazioni.....	99
Semibanda.....	48
Numero blocchi.....	1
Zero algoritmico.....	1.8247e-006
Tempo totale analisi (sec).....	1.67e-002

SPOSTAMENTI NODALI "tompagni"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	-2.98e-003	6.87e-006	9.32e-006	0.00
2	0.00	0.00	-2.75e-003	-7.90e-006	-1.26e-006	0.00
3	0.00	0.00	-2.95e-003	5.75e-006	-3.69e-006	0.00
4	0.00	0.00	-2.98e-003	-6.87e-006	9.32e-006	0.00
5	0.00	0.00	-2.75e-003	7.90e-006	-1.26e-006	0.00
6	0.00	0.00	-2.95e-003	-5.75e-006	-3.69e-006	0.00
7	0.00	0.00	-2.94e-003	6.87e-006	9.32e-006	0.00

8	0.00	0.00	-2.92e-003	5.75e-006	-3.69e-006	0.00
9	0.00	0.00	-2.94e-003	-6.87e-006	9.32e-006	0.00
10	0.00	0.00	-2.92e-003	-5.75e-006	-3.69e-006	0.00
11	0.00	0.00	-2.46e-003	-6.81e-006	9.71e-006	0.00
12	0.00	0.00	-2.46e-003	6.81e-006	9.71e-006	0.00
13	0.00	0.00	-2.72e-003	-5.70e-006	-4.10e-006	0.00
14	0.00	0.00	-2.72e-003	5.70e-006	-4.10e-006	0.00
15	0.00	0.00	-2.62e-003	7.16e-006	9.26e-006	0.00
16	0.00	0.00	-3.10e-003	-7.57e-006	-1.26e-006	0.00
17	0.00	0.00	-2.65e-003	6.04e-006	-3.67e-006	0.00
18	0.00	0.00	-2.62e-003	-7.16e-006	9.26e-006	0.00
19	0.00	0.00	-3.10e-003	7.57e-006	-1.26e-006	0.00
20	0.00	0.00	-2.65e-003	-6.04e-006	-3.67e-006	0.00
21	2.11e-004	8.33e-018	-2.98e-003	2.39e-006	-2.87e-006	8.96e-021
22	2.11e-004	1.28e-017	-2.75e-003	-1.38e-006	9.38e-007	8.96e-021
23	2.11e-004	1.53e-017	-2.95e-003	1.77e-006	1.60e-006	8.96e-021
24	2.11e-004	8.33e-018	-2.98e-003	-2.39e-006	-2.87e-006	8.96e-021
25	2.11e-004	1.28e-017	-2.75e-003	1.38e-006	9.38e-007	8.96e-021
26	2.11e-004	1.53e-017	-2.95e-003	-1.77e-006	1.60e-006	8.96e-021
27	2.11e-004	8.33e-018	-2.99e-003	-2.39e-006	-2.87e-006	8.96e-021
28	2.11e-004	1.53e-017	-2.96e-003	-1.77e-006	1.60e-006	8.96e-021
29	2.11e-004	8.33e-018	-2.99e-003	2.39e-006	-2.87e-006	8.96e-021
30	2.11e-004	1.53e-017	-2.96e-003	1.77e-006	1.60e-006	8.96e-021
31	2.11e-004	8.11e-018	-3.06e-003	2.39e-006	-2.87e-006	8.96e-021
32	2.11e-004	8.11e-018	-3.06e-003	-2.39e-006	-2.87e-006	8.96e-021
33	2.11e-004	1.55e-017	-3.00e-003	1.77e-006	1.60e-006	8.96e-021
34	2.11e-004	1.55e-017	-3.00e-003	-1.77e-006	1.60e-006	8.96e-021
35	2.11e-004	8.33e-018	-3.04e-003	-2.39e-006	-2.87e-006	8.96e-021
36	2.11e-004	1.28e-017	-2.72e-003	1.38e-006	9.38e-007	8.96e-021
37	2.11e-004	1.53e-017	-3.00e-003	-1.77e-006	1.60e-006	8.96e-021
38	2.11e-004	8.33e-018	-3.04e-003	2.39e-006	-2.87e-006	8.96e-021
39	2.11e-004	1.28e-017	-2.72e-003	-1.38e-006	9.38e-007	8.96e-021
40	2.11e-004	1.53e-017	-3.00e-003	1.77e-006	1.60e-006	8.96e-021
41	2.11e-004	1.19e-017	0.00	0.00	0.00	8.96e-021

SPOSTAMENTI NODALI "Torcente di piano SLO"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	3.69e-004	8.36e-006	-4.87e-007	0.00
2	0.00	0.00	-1.46e-004	-1.64e-006	-1.71e-006	0.00
3	0.00	0.00	-1.95e-004	-6.69e-006	-9.47e-007	0.00
4	0.00	0.00	-3.69e-004	8.36e-006	4.87e-007	0.00
5	0.00	0.00	1.46e-004	-1.64e-006	1.71e-006	0.00
6	0.00	0.00	1.95e-004	-6.69e-006	9.47e-007	0.00
7	0.00	0.00	4.11e-004	8.36e-006	-4.87e-007	0.00
8	0.00	0.00	-2.29e-004	-6.69e-006	-9.47e-007	0.00
9	0.00	0.00	-4.11e-004	8.36e-006	4.87e-007	0.00
10	0.00	0.00	2.29e-004	-6.69e-006	9.47e-007	0.00
11	0.00	0.00	-3.84e-004	8.30e-006	5.46e-007	0.00
12	0.00	0.00	3.84e-004	8.30e-006	-5.46e-007	0.00
13	0.00	0.00	1.80e-004	-6.64e-006	9.75e-007	0.00
14	0.00	0.00	-1.80e-004	-6.64e-006	-9.75e-007	0.00
15	0.00	0.00	7.85e-004	8.29e-006	-4.84e-007	0.00
16	0.00	0.00	-2.18e-004	-1.61e-006	-1.70e-006	0.00
17	0.00	0.00	-5.28e-004	-6.64e-006	-9.40e-007	0.00
18	0.00	0.00	-7.85e-004	8.29e-006	4.84e-007	0.00
19	0.00	0.00	2.18e-004	-1.61e-006	1.70e-006	0.00
20	0.00	0.00	5.28e-004	-6.64e-006	9.40e-007	0.00
21	1.53e-002	-3.46e-002	-4.67e-004	6.63e-005	2.15e-005	8.26e-005
22	1.57e-002	6.68e-003	2.03e-004	-1.14e-005	1.99e-005	8.26e-005
23	1.53e-002	2.98e-002	2.36e-004	-5.58e-005	1.60e-005	8.26e-005
24	-1.53e-002	-3.46e-002	4.67e-004	6.63e-005	-2.15e-005	8.26e-005
25	-1.57e-002	6.68e-003	-2.03e-004	-1.14e-005	-1.99e-005	8.26e-005
26	-1.53e-002	2.98e-002	-2.36e-004	-5.58e-005	-1.60e-005	8.26e-005
27	-1.57e-002	-3.46e-002	7.98e-004	6.63e-005	-2.15e-005	8.26e-005
28	-1.57e-002	2.98e-002	-5.15e-004	-5.58e-005	-1.60e-005	8.26e-005
29	1.57e-002	-3.46e-002	-7.98e-004	6.63e-005	2.15e-005	8.26e-005
30	1.57e-002	2.98e-002	5.15e-004	-5.58e-005	1.60e-005	8.26e-005
31	1.57e-002	-3.67e-002	-2.61e-004	6.63e-005	2.15e-005	8.26e-005
32	-1.57e-002	-3.67e-002	2.61e-004	6.63e-005	-2.15e-005	8.26e-005
33	1.57e-002	3.19e-002	1.14e-004	-5.58e-005	1.60e-005	8.26e-005
34	-1.57e-002	3.19e-002	-1.14e-004	-5.58e-005	-1.60e-005	8.26e-005
35	-1.73e-002	-3.46e-002	2.13e-003	6.63e-005	-2.15e-005	8.26e-005
36	-1.73e-002	6.68e-003	-4.31e-004	-1.14e-005	-1.99e-005	8.26e-005
37	-1.73e-002	2.98e-002	-1.63e-003	-5.58e-005	-1.60e-005	8.26e-005
38	1.73e-002	-3.46e-002	-2.13e-003	6.63e-005	2.15e-005	8.26e-005
39	1.73e-002	6.68e-003	4.31e-004	-1.14e-005	1.99e-005	8.26e-005
40	1.73e-002	2.98e-002	1.63e-003	-5.58e-005	1.60e-005	8.26e-005
41	1.92e-018	-1.93e-003	0.00	0.00	0.00	8.26e-005

SPOSTAMENTI NODALI "Torcente di piano SLV"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	4.38e-004	9.93e-006	-5.78e-007	0.00
2	0.00	0.00	-1.73e-004	-1.94e-006	-2.03e-006	0.00
3	0.00	0.00	-2.32e-004	-7.94e-006	-1.12e-006	0.00
4	0.00	0.00	-4.38e-004	9.93e-006	5.78e-007	0.00
5	0.00	0.00	1.73e-004	-1.94e-006	2.03e-006	0.00
6	0.00	0.00	2.32e-004	-7.94e-006	1.12e-006	0.00
7	0.00	0.00	4.87e-004	9.93e-006	-5.78e-007	0.00
8	0.00	0.00	-2.71e-004	-7.94e-006	-1.12e-006	0.00
9	0.00	0.00	-4.87e-004	9.93e-006	5.78e-007	0.00
10	0.00	0.00	2.71e-004	-7.94e-006	1.12e-006	0.00
11	0.00	0.00	-4.56e-004	9.84e-006	6.48e-007	0.00
12	0.00	0.00	4.56e-004	9.84e-006	-6.48e-007	0.00
13	0.00	0.00	2.14e-004	-7.88e-006	1.16e-006	0.00
14	0.00	0.00	-2.14e-004	-7.88e-006	-1.16e-006	0.00
15	0.00	0.00	9.31e-004	9.84e-006	-5.75e-007	0.00
16	0.00	0.00	-2.59e-004	-1.92e-006	-2.02e-006	0.00
17	0.00	0.00	-6.27e-004	-7.88e-006	-1.12e-006	0.00
18	0.00	0.00	-9.31e-004	9.84e-006	5.75e-007	0.00
19	0.00	0.00	2.59e-004	-1.92e-006	2.02e-006	0.00
20	0.00	0.00	6.27e-004	-7.88e-006	1.12e-006	0.00
21	1.81e-002	-4.11e-002	-5.54e-004	7.87e-005	2.55e-005	9.80e-005
22	1.86e-002	7.93e-003	2.41e-004	-1.35e-005	2.37e-005	9.80e-005
23	1.81e-002	3.54e-002	2.80e-004	-6.62e-005	1.90e-005	9.80e-005
24	-1.81e-002	-4.11e-002	5.54e-004	7.87e-005	-2.55e-005	9.80e-005
25	-1.86e-002	7.93e-003	-2.41e-004	-1.35e-005	-2.37e-005	9.80e-005
26	-1.81e-002	3.54e-002	-2.80e-004	-6.62e-005	-1.90e-005	9.80e-005
27	-1.86e-002	-4.11e-002	9.47e-004	7.87e-005	-2.55e-005	9.80e-005
28	-1.86e-002	3.54e-002	-6.11e-004	-6.62e-005	-1.90e-005	9.80e-005
29	1.86e-002	-4.11e-002	-9.47e-004	7.87e-005	2.55e-005	9.80e-005
30	1.86e-002	3.54e-002	6.11e-004	-6.62e-005	1.90e-005	9.80e-005
31	1.86e-002	-4.35e-002	-3.10e-004	7.87e-005	2.55e-005	9.80e-005
32	-1.86e-002	-4.35e-002	3.10e-004	7.87e-005	-2.55e-005	9.80e-005
33	1.86e-002	3.78e-002	1.35e-004	-6.62e-005	1.90e-005	9.80e-005
34	-1.86e-002	3.78e-002	-1.35e-004	-6.62e-005	-1.90e-005	9.80e-005
35	-2.06e-002	-4.11e-002	2.52e-003	7.87e-005	-2.55e-005	9.80e-005
36	-2.06e-002	7.93e-003	-5.12e-004	-1.35e-005	-2.37e-005	9.80e-005
37	-2.06e-002	3.54e-002	-1.93e-003	-6.62e-005	-1.90e-005	9.80e-005
38	2.06e-002	-4.11e-002	-2.52e-003	7.87e-005	2.55e-005	9.80e-005
39	2.06e-002	7.93e-003	5.12e-004	-1.35e-005	2.37e-005	9.80e-005
40	2.06e-002	3.54e-002	1.93e-003	-6.62e-005	1.90e-005	9.80e-005
41	2.50e-018	-2.29e-003	0.00	0.00	0.00	9.80e-005

SPOSTAMENTI NODALI "Torcente di piano SLD"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	3.19e-004	7.24e-006	-4.22e-007	0.00
2	0.00	0.00	-1.26e-004	-1.42e-006	-1.48e-006	0.00
3	0.00	0.00	-1.69e-004	-5.79e-006	-8.19e-007	0.00
4	0.00	0.00	-3.19e-004	7.24e-006	4.22e-007	0.00
5	0.00	0.00	1.26e-004	-1.42e-006	1.48e-006	0.00
6	0.00	0.00	1.69e-004	-5.79e-006	8.19e-007	0.00
7	0.00	0.00	3.55e-004	7.24e-006	-4.22e-007	0.00
8	0.00	0.00	-1.98e-004	-5.79e-006	-8.19e-007	0.00
9	0.00	0.00	-3.55e-004	7.24e-006	4.22e-007	0.00
10	0.00	0.00	1.98e-004	-5.79e-006	8.19e-007	0.00
11	0.00	0.00	-3.32e-004	7.18e-006	4.72e-007	0.00
12	0.00	0.00	3.32e-004	7.18e-006	-4.72e-007	0.00
13	0.00	0.00	1.56e-004	-5.75e-006	8.44e-007	0.00
14	0.00	0.00	-1.56e-004	-5.75e-006	-8.44e-007	0.00
15	0.00	0.00	6.79e-004	7.18e-006	-4.19e-007	0.00
16	0.00	0.00	-1.89e-004	-1.40e-006	-1.47e-006	0.00
17	0.00	0.00	-4.57e-004	-5.75e-006	-8.14e-007	0.00
18	0.00	0.00	-6.79e-004	7.18e-006	4.19e-007	0.00
19	0.00	0.00	1.89e-004	-1.40e-006	1.47e-006	0.00
20	0.00	0.00	4.57e-004	-5.75e-006	8.14e-007	0.00
21	1.32e-002	-3.00e-002	-4.04e-004	5.74e-005	1.86e-005	7.15e-005
22	1.36e-002	5.78e-003	1.76e-004	-9.85e-006	1.73e-005	7.15e-005
23	1.32e-002	2.58e-002	2.04e-004	-4.83e-005	1.39e-005	7.15e-005
24	-1.32e-002	-3.00e-002	4.04e-004	5.74e-005	-1.86e-005	7.15e-005
25	-1.36e-002	5.78e-003	-1.76e-004	-9.85e-006	-1.73e-005	7.15e-005
26	-1.32e-002	2.58e-002	-2.04e-004	-4.83e-005	-1.39e-005	7.15e-005
27	-1.36e-002	-3.00e-002	6.91e-004	5.74e-005	-1.86e-005	7.15e-005
28	-1.36e-002	2.58e-002	-4.46e-004	-4.83e-005	-1.39e-005	7.15e-005
29	1.36e-002	-3.00e-002	-6.91e-004	5.74e-005	1.86e-005	7.15e-005
30	1.36e-002	2.58e-002	4.46e-004	-4.83e-005	1.39e-005	7.15e-005
31	1.36e-002	-3.17e-002	-2.26e-004	5.74e-005	1.86e-005	7.15e-005
32	-1.36e-002	-3.17e-002	2.26e-004	5.74e-005	-1.86e-005	7.15e-005
33	1.36e-002	2.76e-002	9.88e-005	-4.83e-005	1.39e-005	7.15e-005
34	-1.36e-002	2.76e-002	-9.88e-005	-4.83e-005	-1.39e-005	7.15e-005

35 -1.50e-002 -3.00e-002 1.84e-003 5.74e-005 -1.86e-005 7.15e-005
36 -1.50e-002 5.78e-003 -3.73e-004 -9.85e-006 -1.73e-005 7.15e-005
37 -1.50e-002 2.58e-002 -1.41e-003 -4.83e-005 -1.39e-005 7.15e-005
38 1.50e-002 -3.00e-002 -1.84e-003 5.74e-005 1.86e-005 7.15e-005
39 1.50e-002 5.78e-003 3.73e-004 -9.85e-006 1.73e-005 7.15e-005
40 1.50e-002 2.58e-002 1.41e-003 -4.83e-005 1.39e-005 7.15e-005
41 1.85e-018 -1.67e-003 0.00 0.00 0.00 7.15e-005

SPOSTAMENTI NODALI "muretti d'attico"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	-1.09e-003	-5.77e-006	-7.81e-006	0.00
2	0.00	0.00	-9.79e-004	-5.73e-006	2.00e-006	0.00
3	0.00	0.00	-8.11e-004	-5.18e-006	8.71e-007	0.00
4	0.00	0.00	-1.09e-003	5.77e-006	-7.81e-006	0.00
5	0.00	0.00	-9.79e-004	5.73e-006	2.00e-006	0.00
6	0.00	0.00	-8.11e-004	5.18e-006	8.71e-007	0.00
7	0.00	0.00	-1.11e-003	-5.77e-006	-7.81e-006	0.00
8	0.00	0.00	-8.37e-004	-5.18e-006	8.71e-007	0.00
9	0.00	0.00	-1.11e-003	5.77e-006	-7.81e-006	0.00
10	0.00	0.00	-8.37e-004	5.18e-006	8.71e-007	0.00
11	0.00	0.00	-1.50e-003	5.72e-006	-7.60e-006	0.00
12	0.00	0.00	-1.50e-003	-5.72e-006	-7.60e-006	0.00
13	0.00	0.00	-8.76e-004	5.13e-006	7.42e-007	0.00
14	0.00	0.00	-8.76e-004	-5.13e-006	7.42e-007	0.00
15	0.00	0.00	-1.37e-003	-5.63e-006	-7.76e-006	0.00
16	0.00	0.00	-1.23e-003	-5.60e-006	1.99e-006	0.00
17	0.00	0.00	-1.07e-003	-5.07e-006	8.65e-007	0.00
18	0.00	0.00	-1.37e-003	5.63e-006	-7.76e-006	0.00
19	0.00	0.00	-1.23e-003	5.60e-006	1.99e-006	0.00
20	0.00	0.00	-1.07e-003	5.07e-006	8.65e-007	0.00
21	9.20e-004	1.50e-017	-1.82e-003	-2.78e-005	7.86e-005	-8.32e-021
22	9.20e-004	1.08e-017	-2.01e-003	-4.19e-005	-2.76e-005	-8.32e-021
23	9.20e-004	8.50e-018	-1.34e-003	-2.98e-005	-1.01e-005	-8.32e-021
24	9.20e-004	1.50e-017	-1.82e-003	2.78e-005	7.86e-005	-8.32e-021
25	9.20e-004	1.08e-017	-2.01e-003	4.19e-005	-2.76e-005	-8.32e-021
26	9.20e-004	8.50e-018	-1.34e-003	2.98e-005	-1.01e-005	-8.32e-021
27	9.20e-004	1.50e-017	-1.68e-003	2.78e-005	7.86e-005	-8.32e-021
28	9.20e-004	8.50e-018	-1.19e-003	2.98e-005	-1.01e-005	-8.32e-021
29	9.20e-004	1.50e-017	-1.68e-003	-2.78e-005	7.86e-005	-8.32e-021
30	9.20e-004	8.50e-018	-1.19e-003	-2.98e-005	-1.01e-005	-8.32e-021
31	9.20e-004	1.52e-017	2.80e-004	-2.78e-005	7.84e-005	-8.32e-021
32	9.20e-004	1.52e-017	2.80e-004	2.78e-005	7.84e-005	-8.32e-021
33	9.20e-004	8.29e-018	-9.49e-004	-2.98e-005	-9.88e-006	-8.32e-021
34	9.20e-004	8.29e-018	-9.49e-004	2.98e-005	-9.88e-006	-8.32e-021
35	9.20e-004	1.50e-017	-1.13e-003	2.77e-005	7.86e-005	-8.32e-021
36	9.20e-004	1.08e-017	-1.17e-003	4.18e-005	-2.76e-005	-8.32e-021
37	9.20e-004	8.50e-018	-6.01e-004	2.97e-005	-1.01e-005	-8.32e-021
38	9.20e-004	1.50e-017	-1.13e-003	-2.77e-005	7.86e-005	-8.32e-021
39	9.20e-004	1.08e-017	-1.17e-003	-4.18e-005	-2.76e-005	-8.32e-021
40	9.20e-004	8.50e-018	-6.01e-004	-2.97e-005	-1.01e-005	-8.32e-021
41	9.20e-004	1.17e-017	0.00	0.00	0.00	-8.32e-021

SPOSTAMENTI NODALI "neve"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	-8.45e-004	-3.60e-006	-6.99e-006	0.00
2	0.00	0.00	-7.75e-004	-3.42e-006	1.82e-006	0.00
3	0.00	0.00	-4.98e-004	-2.63e-006	1.26e-008	0.00
4	0.00	0.00	-8.45e-004	3.60e-006	-6.99e-006	0.00
5	0.00	0.00	-7.75e-004	3.42e-006	1.82e-006	0.00
6	0.00	0.00	-4.98e-004	2.63e-006	1.26e-008	0.00
7	0.00	0.00	-8.63e-004	-3.60e-006	-6.99e-006	0.00
8	0.00	0.00	-5.11e-004	-2.63e-006	1.26e-008	0.00
9	0.00	0.00	-8.63e-004	3.60e-006	-6.99e-006	0.00
10	0.00	0.00	-5.11e-004	2.63e-006	1.26e-008	0.00
11	0.00	0.00	-1.21e-003	3.57e-006	-6.83e-006	0.00
12	0.00	0.00	-1.21e-003	-3.57e-006	-6.83e-006	0.00
13	0.00	0.00	-5.09e-004	2.61e-006	-6.34e-008	0.00
14	0.00	0.00	-5.09e-004	-2.61e-006	-6.34e-008	0.00
15	0.00	0.00	-1.02e-003	-3.49e-006	-6.95e-006	0.00
16	0.00	0.00	-9.25e-004	-3.32e-006	1.80e-006	0.00
17	0.00	0.00	-6.27e-004	-2.56e-006	1.25e-008	0.00
18	0.00	0.00	-1.02e-003	3.49e-006	-6.95e-006	0.00
19	0.00	0.00	-9.25e-004	3.32e-006	1.80e-006	0.00
20	0.00	0.00	-6.27e-004	2.56e-006	1.25e-008	0.00
21	1.16e-003	9.28e-018	-1.41e-003	-6.64e-006	9.43e-005	-7.41e-021
22	1.16e-003	5.57e-018	-1.61e-003	-3.04e-006	-3.27e-005	-7.41e-021
23	1.16e-003	3.50e-018	-8.20e-004	-7.66e-006	-1.21e-005	-7.41e-021
24	1.16e-003	9.28e-018	-1.41e-003	6.64e-006	9.43e-005	-7.41e-021
25	1.16e-003	5.57e-018	-1.61e-003	3.04e-006	-3.27e-005	-7.41e-021

26	1.16e-003	3.50e-018	-8.20e-004	7.66e-006	-1.21e-005	-7.41e-021
27	1.16e-003	9.28e-018	-1.38e-003	6.64e-006	9.43e-005	-7.41e-021
28	1.16e-003	3.50e-018	-7.82e-004	7.66e-006	-1.21e-005	-7.41e-021
29	1.16e-003	9.28e-018	-1.38e-003	-6.64e-006	9.43e-005	-7.41e-021
30	1.16e-003	3.50e-018	-7.82e-004	-7.66e-006	-1.21e-005	-7.41e-021
31	1.16e-003	9.46e-018	9.81e-004	-6.64e-006	9.43e-005	-7.41e-021
32	1.16e-003	9.46e-018	9.81e-004	6.64e-006	9.43e-005	-7.41e-021
33	1.16e-003	3.31e-018	-4.81e-004	-7.66e-006	-1.21e-005	-7.41e-021
34	1.16e-003	3.31e-018	-4.81e-004	7.66e-006	-1.21e-005	-7.41e-021
35	1.16e-003	9.28e-018	-1.24e-003	6.61e-006	9.43e-005	-7.41e-021
36	1.16e-003	5.57e-018	-1.55e-003	3.04e-006	-3.27e-005	-7.41e-021
37	1.16e-003	3.50e-018	-6.30e-004	7.63e-006	-1.21e-005	-7.41e-021
38	1.16e-003	9.28e-018	-1.24e-003	-6.61e-006	9.43e-005	-7.41e-021
39	1.16e-003	5.57e-018	-1.55e-003	-3.04e-006	-3.27e-005	-7.41e-021
40	1.16e-003	3.50e-018	-6.30e-004	-7.63e-006	-1.21e-005	-7.41e-021
41	1.16e-003	6.34e-018	0.00	0.00	0.00	-7.41e-021

SPOSTAMENTI NODALI "variabili copertura"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	-5.15e-004	-2.19e-006	-4.26e-006	0.00
2	0.00	0.00	-4.73e-004	-2.09e-006	1.11e-006	0.00
3	0.00	0.00	-3.02e-004	-1.59e-006	-1.74e-009	0.00
4	0.00	0.00	-5.15e-004	2.19e-006	-4.26e-006	0.00
5	0.00	0.00	-4.73e-004	2.09e-006	1.11e-006	0.00
6	0.00	0.00	-3.02e-004	1.59e-006	-1.74e-009	0.00
7	0.00	0.00	-5.26e-004	-2.19e-006	-4.26e-006	0.00
8	0.00	0.00	-3.10e-004	-1.59e-006	-1.74e-009	0.00
9	0.00	0.00	-5.26e-004	2.19e-006	-4.26e-006	0.00
10	0.00	0.00	-3.10e-004	1.59e-006	-1.74e-009	0.00
11	0.00	0.00	-7.35e-004	2.17e-006	-4.16e-006	0.00
12	0.00	0.00	-7.35e-004	-2.17e-006	-4.16e-006	0.00
13	0.00	0.00	-3.09e-004	1.58e-006	-4.78e-008	0.00
14	0.00	0.00	-3.09e-004	-1.58e-006	-4.78e-008	0.00
15	0.00	0.00	-6.22e-004	-2.12e-006	-4.24e-006	0.00
16	0.00	0.00	-5.65e-004	-2.03e-006	1.10e-006	0.00
17	0.00	0.00	-3.81e-004	-1.55e-006	-1.73e-009	0.00
18	0.00	0.00	-6.22e-004	2.12e-006	-4.24e-006	0.00
19	0.00	0.00	-5.65e-004	2.03e-006	1.10e-006	0.00
20	0.00	0.00	-3.81e-004	1.55e-006	-1.73e-009	0.00
21	7.09e-004	5.89e-018	-8.57e-004	-3.96e-006	5.77e-005	-5.09e-021
22	7.09e-004	3.35e-018	-9.84e-004	-1.83e-006	-2.00e-005	-5.09e-021
23	7.09e-004	1.92e-018	-4.98e-004	-4.59e-006	-7.43e-006	-5.09e-021
24	7.09e-004	5.89e-018	-8.57e-004	3.96e-006	5.77e-005	-5.09e-021
25	7.09e-004	3.35e-018	-9.84e-004	1.83e-006	-2.00e-005	-5.09e-021
26	7.09e-004	1.92e-018	-4.98e-004	4.59e-006	-7.43e-006	-5.09e-021
27	7.09e-004	5.89e-018	-8.38e-004	3.96e-006	5.77e-005	-5.09e-021
28	7.09e-004	1.92e-018	-4.75e-004	4.59e-006	-7.43e-006	-5.09e-021
29	7.09e-004	5.89e-018	-8.38e-004	-3.96e-006	5.77e-005	-5.09e-021
30	7.09e-004	1.92e-018	-4.75e-004	-4.59e-006	-7.43e-006	-5.09e-021
31	7.09e-004	6.02e-018	6.02e-004	-3.96e-006	5.76e-005	-5.09e-021
32	7.09e-004	6.02e-018	6.02e-004	3.96e-006	5.76e-005	-5.09e-021
33	7.09e-004	1.80e-018	-2.91e-004	-4.59e-006	-7.39e-006	-5.09e-021
34	7.09e-004	1.80e-018	-2.91e-004	4.59e-006	-7.39e-006	-5.09e-021
35	7.09e-004	5.89e-018	-7.59e-004	3.94e-006	5.77e-005	-5.09e-021
36	7.09e-004	3.35e-018	-9.47e-004	1.83e-006	-2.00e-005	-5.09e-021
37	7.09e-004	1.92e-018	-3.84e-004	4.57e-006	-7.43e-006	-5.09e-021
38	7.09e-004	5.89e-018	-7.59e-004	-3.94e-006	5.77e-005	-5.09e-021
39	7.09e-004	3.35e-018	-9.47e-004	-1.83e-006	-2.00e-005	-5.09e-021
40	7.09e-004	1.92e-018	-3.84e-004	-4.57e-006	-7.43e-006	-5.09e-021
41	7.09e-004	3.88e-018	0.00	0.00	0.00	-5.09e-021

SPOSTAMENTI NODALI "permanenti"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	-2.46e-003	-1.05e-005	-2.03e-005	0.00
2	0.00	0.00	-2.24e-003	-9.92e-006	5.27e-006	0.00
3	0.00	0.00	-1.46e-003	-7.71e-006	1.31e-007	0.00
4	0.00	0.00	-2.46e-003	1.05e-005	-2.03e-005	0.00
5	0.00	0.00	-2.24e-003	9.92e-006	5.27e-006	0.00
6	0.00	0.00	-1.46e-003	7.71e-006	1.31e-007	0.00
7	0.00	0.00	-2.51e-003	-1.05e-005	-2.03e-005	0.00
8	0.00	0.00	-1.50e-003	-7.71e-006	1.31e-007	0.00
9	0.00	0.00	-2.51e-003	1.05e-005	-2.03e-005	0.00
10	0.00	0.00	-1.50e-003	7.71e-006	1.31e-007	0.00
11	0.00	0.00	-3.51e-003	1.04e-005	-1.98e-005	0.00
12	0.00	0.00	-3.51e-003	-1.04e-005	-1.98e-005	0.00
13	0.00	0.00	-1.49e-003	7.64e-006	-9.23e-008	0.00
14	0.00	0.00	-1.49e-003	-7.64e-006	-9.23e-008	0.00
15	0.00	0.00	-2.98e-003	-1.02e-005	-2.02e-005	0.00
16	0.00	0.00	-2.67e-003	-9.64e-006	5.24e-006	0.00

17	0.00	0.00	-1.84e-003	-7.52e-006	1.30e-007	0.00
18	0.00	0.00	-2.98e-003	1.02e-005	-2.02e-005	0.00
19	0.00	0.00	-2.67e-003	9.64e-006	5.24e-006	0.00
20	0.00	0.00	-1.84e-003	7.52e-006	1.30e-007	0.00
21	3.36e-003	2.89e-017	-4.10e-003	-2.02e-005	2.73e-004	-2.39e-020
22	3.36e-003	1.70e-017	-4.65e-003	-9.07e-006	-9.45e-005	-2.39e-020
23	3.36e-003	1.03e-017	-2.40e-003	-2.31e-005	-3.50e-005	-2.39e-020
24	3.36e-003	2.89e-017	-4.10e-003	2.02e-005	2.73e-004	-2.39e-020
25	3.36e-003	1.70e-017	-4.65e-003	9.07e-006	-9.45e-005	-2.39e-020
26	3.36e-003	1.03e-017	-2.40e-003	2.31e-005	-3.50e-005	-2.39e-020
27	3.36e-003	2.89e-017	-4.00e-003	2.02e-005	2.73e-004	-2.39e-020
28	3.36e-003	1.03e-017	-2.29e-003	2.31e-005	-3.50e-005	-2.39e-020
29	3.36e-003	2.89e-017	-4.00e-003	-2.02e-005	2.73e-004	-2.39e-020
30	3.36e-003	1.03e-017	-2.29e-003	-2.31e-005	-3.50e-005	-2.39e-020
31	3.36e-003	2.95e-017	2.81e-003	-2.02e-005	2.72e-004	-2.39e-020
32	3.36e-003	2.95e-017	2.81e-003	2.02e-005	2.72e-004	-2.39e-020
33	3.36e-003	9.67e-018	-1.42e-003	-2.31e-005	-3.48e-005	-2.39e-020
34	3.36e-003	9.67e-018	-1.42e-003	2.31e-005	-3.48e-005	-2.39e-020
35	3.36e-003	2.89e-017	-3.60e-003	2.01e-005	2.73e-004	-2.39e-020
36	3.36e-003	1.70e-017	-4.47e-003	9.07e-006	-9.45e-005	-2.39e-020
37	3.36e-003	1.03e-017	-1.83e-003	2.30e-005	-3.50e-005	-2.39e-020
38	3.36e-003	2.89e-017	-3.60e-003	-2.01e-005	2.73e-004	-2.39e-020
39	3.36e-003	1.70e-017	-4.47e-003	-9.07e-006	-9.45e-005	-2.39e-020
40	3.36e-003	1.03e-017	-1.83e-003	-2.30e-005	-3.50e-005	-2.39e-020
41	3.36e-003	1.95e-017	0.00	0.00	0.00	-2.39e-020

SPOSTAMENTI NODALI "peso proprio"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	-1.22e-002	-3.38e-005	-5.46e-005	0.00
2	0.00	0.00	-1.12e-002	-3.22e-005	1.40e-005	0.00
3	0.00	0.00	-1.02e-002	-2.88e-005	6.74e-006	0.00
4	0.00	0.00	-1.22e-002	3.38e-005	-5.46e-005	0.00
5	0.00	0.00	-1.12e-002	3.22e-005	1.40e-005	0.00
6	0.00	0.00	-1.02e-002	2.88e-005	6.74e-006	0.00
7	0.00	0.00	-1.24e-002	-3.38e-005	-5.46e-005	0.00
8	0.00	0.00	-1.04e-002	-2.88e-005	6.74e-006	0.00
9	0.00	0.00	-1.24e-002	3.38e-005	-5.46e-005	0.00
10	0.00	0.00	-1.04e-002	2.88e-005	6.74e-006	0.00
11	0.00	0.00	-1.51e-002	3.35e-005	-5.31e-005	0.00
12	0.00	0.00	-1.51e-002	-3.35e-005	-5.31e-005	0.00
13	0.00	0.00	-1.07e-002	2.86e-005	5.85e-006	0.00
14	0.00	0.00	-1.07e-002	-2.86e-005	5.85e-006	0.00
15	0.00	0.00	-1.39e-002	-3.28e-005	-5.42e-005	0.00
16	0.00	0.00	-1.26e-002	-3.14e-005	1.39e-005	0.00
17	0.00	0.00	-1.17e-002	-2.81e-005	6.70e-006	0.00
18	0.00	0.00	-1.39e-002	3.28e-005	-5.42e-005	0.00
19	0.00	0.00	-1.26e-002	3.14e-005	1.39e-005	0.00
20	0.00	0.00	-1.17e-002	2.81e-005	6.70e-006	0.00
21	6.93e-003	1.36e-016	-1.68e-002	-8.85e-005	5.59e-004	-7.46e-020
22	6.93e-003	9.90e-017	-1.74e-002	-1.02e-004	-1.94e-004	-7.46e-020
23	6.93e-003	7.81e-017	-1.34e-002	9.72e-005	-7.09e-005	-7.46e-020
24	6.93e-003	1.36e-016	-1.68e-002	8.85e-005	5.59e-004	-7.46e-020
25	6.93e-003	9.90e-017	-1.74e-002	1.02e-004	-1.94e-004	-7.46e-020
26	6.93e-003	7.81e-017	-1.34e-002	9.72e-005	-7.09e-005	-7.46e-020
27	6.93e-003	1.36e-016	-1.63e-002	8.85e-005	5.59e-004	-7.46e-020
28	6.93e-003	7.81e-017	-1.29e-002	9.72e-005	-7.09e-005	-7.46e-020
29	6.93e-003	1.36e-016	-1.63e-002	-8.85e-005	5.59e-004	-7.46e-020
30	6.93e-003	7.81e-017	-1.29e-002	-9.72e-005	-7.09e-005	-7.46e-020
31	6.93e-003	1.38e-016	-2.35e-003	-8.85e-005	5.59e-004	-7.46e-020
32	6.93e-003	1.38e-016	-2.35e-003	8.85e-005	5.59e-004	-7.46e-020
33	6.93e-003	7.62e-017	-1.11e-002	-9.72e-005	-7.03e-005	-7.46e-020
34	6.93e-003	7.62e-017	-1.11e-002	9.72e-005	-7.03e-005	-7.46e-020
35	6.93e-003	1.36e-016	-1.46e-002	8.82e-005	5.59e-004	-7.46e-020
36	6.93e-003	9.90e-017	-1.54e-002	1.02e-004	-1.94e-004	-7.46e-020
37	6.93e-003	7.81e-017	-1.09e-002	9.68e-005	-7.09e-005	-7.46e-020
38	6.93e-003	1.36e-016	-1.46e-002	-8.82e-005	5.59e-004	-7.46e-020
39	6.93e-003	9.90e-017	-1.54e-002	-1.02e-004	-1.94e-004	-7.46e-020
40	6.93e-003	7.81e-017	-1.09e-002	-9.68e-005	-7.09e-005	-7.46e-020
41	6.93e-003	1.07e-016	0.00	0.00	0.00	-7.46e-020

SFORZI "tompagni"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	0.49	5.47	-7.93	-7.35e-013	2837.02	2017.35
	24	-0.49	-5.47	7.93	7.35e-013	493.49	281.38
4	4	0.49	5.47	7.93	-7.35e-013	-2837.02	2017.35
	21	-0.49	-5.47	-7.93	7.35e-013	-493.49	281.38
5	6	1.63	-3.12	7.04	-7.35e-013	-2430.18	-1030.86

23	-1.63	3.12	-7.04	7.35e-013	-528.58	-277.79
6	3	1.63	-3.12	-7.04	-7.35e-013	2430.18
26	-1.63	3.12	7.04	7.35e-013	528.58	-277.79
7	5	-2.12	-2.36	-6.55	-7.35e-013	2036.78
22	2.12	2.36	6.55	7.35e-013	715.48	-216.18
8	2	-2.12	-2.36	6.55	-7.35e-013	-2036.78
25	2.12	2.36	-6.55	7.35e-013	-715.48	-216.18
9	28	0.00	-2.84e-013	-6.99e-014	-9.09e-013	5.82e-013
37	0.00	2.84e-013	6.99e-014	9.09e-013	-1.00e-012	2.55e-011
11	23	8.08e-028	-1.63e-013	-4.17e-030	9.95e-013	2.44e-014
26	-8.08e-028	1.63e-013	4.17e-030	-9.95e-013	-2.44e-014	-199.21
12	40	0.00	5.91e-012	6.99e-014	4.55e-013	1.00e-012
30	0.00	-5.91e-012	-6.99e-014	-4.55e-013	-5.82e-013	6.91e-011
13	25	-9.69e-027	-4.83e-013	-6.99e-014	0.00	5.82e-013
36	9.69e-027	4.83e-013	6.99e-014	0.00	-1.00e-012	1.05e-011
14	22	-2.02e-028	1.08e-013	0.00	-1.92e-012	-3.61e-014
25	2.02e-028	-1.08e-013	0.00	1.92e-012	3.61e-014	151.47
15	39	-9.69e-027	-3.18e-012	6.99e-014	4.55e-013	1.00e-012
22	9.69e-027	3.18e-012	-6.99e-014	-4.55e-013	-5.82e-013	-2.68e-011
16	27	1.29e-026	-2.39e-012	-6.99e-014	1.82e-012	5.82e-013
35	-1.29e-026	2.39e-012	6.99e-014	-1.82e-012	-1.00e-012	1.32e-011
18	21	0.00	-2.25e-013	-4.17e-030	7.05e-012	2.44e-014
24	0.00	2.25e-013	4.17e-030	-7.05e-012	-2.44e-014	-269.48
20	38	1.29e-026	3.04e-012	6.99e-014	-9.09e-013	1.00e-012
29	-1.29e-026	-3.04e-012	-6.99e-014	9.09e-013	-5.82e-013	4.82e-011
21	30	-6.62e-015	5.12e-013	0.00	9.09e-013	-5.17e-026
33	6.62e-015	-5.12e-013	0.00	-9.09e-013	-1.03e-025	-5.41e-011
22	22	7.53e-015	-1.63	3.79e-029	-337.54	-3.23e-027
30	-7.53e-015	1.63	-3.79e-029	337.54	4.85e-027	-277.79
23	29	-3.31e-016	0.49	-3.16e-030	226.46	8.08e-028
22	3.31e-016	-0.49	3.16e-030	-226.46	-1.62e-027	-36.55
24	31	-6.62e-015	3.33e-012	0.00	-4.55e-013	-5.17e-026
29	6.62e-015	-3.33e-012	0.00	4.55e-013	-5.17e-026	1.55e-011
25	28	6.62e-015	1.44e-012	0.00	-4.55e-013	-5.17e-026
34	-6.62e-015	-1.44e-012	0.00	4.55e-013	-1.03e-025	2.86e-011
26	25	-7.53e-015	-1.63	3.79e-029	337.54	-3.23e-027
28	7.53e-015	1.63	-3.79e-029	-337.54	4.85e-027	-277.79
27	27	3.31e-016	0.49	-3.16e-030	-226.46	8.08e-028
25	-3.31e-016	-0.49	3.16e-030	226.46	-1.62e-027	-36.55
28	32	6.62e-015	-1.68e-012	0.00	4.55e-013	-5.17e-026
27	-6.62e-015	1.68e-012	0.00	-4.55e-013	-5.17e-026	-4.18e-011
29	8	0.00	-263.51	0.00	-289.39	0.00
17	0.00	4.55e-012	0.00	3.64e-012	0.00	4.07e-010
31	6	0.00	330.80	0.00	-1112.79	0.00
3	0.00	330.80	0.00	-1112.79	0.00	-8707.75
32	20	0.00	-1.27e-011	0.00	0.00	0.00
10	0.00	-263.51	0.00	-289.39	0.00	5833.50
33	2	0.00	-276.65	0.00	-99.13	0.00
16	0.00	-4.55e-012	0.00	0.00	0.00	2.91e-011
34	5	0.00	-764.56	0.00	-390.02	0.00
2	0.00	-764.56	0.00	-390.02	0.00	31273.14
35	19	0.00	2.00e-011	0.00	0.00	0.00
5	0.00	-276.65	0.00	-99.13	0.00	6346.40
36	7	0.00	-263.03	0.00	730.77	0.00
15	0.00	2.73e-012	0.00	-7.28e-012	0.00	5.53e-010
38	4	0.00	300.43	0.00	2809.98	0.00
1	0.00	300.43	0.00	2809.98	0.00	-4837.82
40	18	0.00	-1.36e-011	0.00	0.00	0.00
9	0.00	-263.03	0.00	730.77	0.00	5804.88
41	10	0.00	-296.44	0.00	-499.99	0.00

	13	0.00	2.05e-011	0.00	0.00	0.00	5.97e-010
42	5	0.00	545.08	0.00	13779.36	0.00	34939.76
	10	0.00	227.51	0.00	-13273.24	0.00	4889.91
43	9	0.00	245.93	0.00	-8712.62	0.00	-1326.80
	5	0.00	498.26	0.00	9110.61	0.00	-36202.80
44	11	0.00	-1.00e-011	0.00	0.00	0.00	-5.53e-010
	9	0.00	-283.82	0.00	-597.70	0.00	6884.91
45	8	0.00	-296.44	0.00	499.99	0.00	-7322.96
	14	0.00	1.32e-011	0.00	0.00	0.00	6.11e-010
46	2	0.00	545.08	0.00	-13779.36	0.00	34939.76
	8	0.00	227.51	0.00	13273.24	0.00	4889.91
47	7	0.00	245.93	0.00	8712.62	0.00	-1326.80
	2	0.00	498.26	0.00	-9110.61	0.00	-36202.80
48	12	0.00	-3.64e-012	0.00	0.00	0.00	-5.68e-010
	7	0.00	-283.82	0.00	597.70	0.00	6884.91

SFORZI "Torcente di piano SLO"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	-92.88	51.02	159.50	-6774.36	-40833.54	12209.49
	24	92.88	-51.02	-159.50	6774.36	-26155.94	9217.05
4	4	92.88	-51.02	159.50	-6774.36	-40833.54	-12209.49
	21	-92.88	51.02	-159.50	6774.36	-26155.94	-9217.05
5	6	-38.78	-56.05	-140.62	-6774.36	35743.05	-12844.48
	23	38.78	56.05	140.62	6774.36	23316.24	-10696.15
6	3	38.78	56.05	-140.62	-6774.36	35743.05	12844.48
	26	-38.78	-56.05	140.62	6774.36	23316.24	10696.15
7	5	-54.95	-93.94	-18.88	-6774.36	4659.19	-22033.59
	22	54.95	93.94	18.88	6774.36	3270.99	-17419.60
8	2	54.95	93.94	-18.88	-6774.36	4659.19	22033.59
	25	-54.95	-93.94	18.88	6774.36	3270.99	17419.60
9	28	0.00	0.00	1.46e-011	7.28e-012	0.00	0.00
	37	0.00	0.00	-1.46e-011	-7.28e-012	-1.16e-010	0.00
11	23	0.00	-98.65	0.00	2605.14	1.82e-011	-18250.61
	26	0.00	98.65	0.00	-2605.14	1.82e-011	-18250.61
12	40	0.00	-1.82e-012	1.46e-011	3.64e-012	-2.33e-010	-1.23e-011
	30	0.00	1.82e-012	-1.46e-011	-3.64e-012	-2.33e-010	-1.46e-011
13	25	0.00	-6.82e-013	1.46e-011	7.28e-012	-4.66e-010	-1.36e-011
	36	0.00	6.82e-013	-1.46e-011	-7.28e-012	-1.16e-010	-1.09e-011
14	22	0.00	-17.71	7.69e-014	3154.04	-3.64e-012	-3364.32
	25	0.00	17.71	-7.69e-014	-3154.04	-3.64e-012	-3364.32
15	39	0.00	0.00	1.46e-011	3.64e-012	0.00	-2.73e-012
	22	0.00	0.00	-1.46e-011	-3.64e-012	0.00	0.00
16	27	0.00	1.82e-012	1.46e-011	3.64e-012	0.00	1.46e-011
	35	0.00	-1.82e-012	-1.46e-011	-3.64e-012	-1.16e-010	-1.46e-011
18	21	0.00	115.51	0.00	3493.68	1.82e-011	21369.83
	24	0.00	-115.51	0.00	-3493.68	1.82e-011	21369.83
20	38	0.00	3.64e-012	1.46e-011	1.09e-011	-2.33e-010	4.59e-011
	29	0.00	-3.64e-012	-1.46e-011	-1.09e-011	-2.33e-010	2.91e-011
21	30	0.00	0.00	2.91e-011	-1.46e-011	0.00	-6.82e-012
	33	0.00	0.00	-2.91e-011	1.46e-011	0.00	-7.28e-012
22	22	0.00	-59.87	0.00	4766.27	2.91e-011	-8672.93
	30	0.00	59.87	0.00	-4766.27	1.46e-011	-8091.01
23	29	0.00	-22.63	0.00	4672.95	0.00	-5723.37
	22	0.00	22.63	0.00	-4672.95	0.00	-5592.64
24	31	0.00	0.00	0.00	-1.46e-011	0.00	3.64e-012
	29	0.00	0.00	0.00	1.46e-011	0.00	-7.28e-012
25	28	0.00	3.41e-013	2.91e-011	-1.46e-011	0.00	5.68e-012
	34	0.00	-3.41e-013	-2.91e-011	1.46e-011	0.00	0.00
26	25	0.00	59.87	0.00	4766.27	2.91e-011	8672.93
	28	0.00	-59.87	0.00	-4766.27	1.46e-011	8091.01

27	27	-3.64e-012	22.63	0.00	4672.95	0.00	5723.37
	25	3.64e-012	-22.63	0.00	-4672.95	0.00	5592.64
28	32	0.00	0.00	0.00	-1.46e-011	0.00	1.82e-012
	27	0.00	0.00	0.00	1.46e-011	0.00	1.46e-011
29	8	0.00	-35.78	0.00	-74.21	0.00	-911.12
	17	0.00	3.64e-012	0.00	9.09e-013	0.00	-1.75e-010
31	6	0.00	-149.10	0.00	1462.89	0.00	-27317.66
	3	0.00	149.10	0.00	-1462.89	0.00	-27317.66
32	20	0.00	2.73e-012	0.00	0.00	0.00	-1.46e-011
	10	0.00	35.78	0.00	74.21	0.00	-911.12
33	2	0.00	-17.21	0.00	-134.07	0.00	-413.07
	16	0.00	-1.36e-012	0.00	0.00	0.00	2.18e-011
34	5	0.00	-3.89	0.00	2582.71	0.00	-3545.23
	2	0.00	3.89	0.00	-2582.71	0.00	-3545.23
35	19	0.00	4.55e-013	0.00	1.82e-012	0.00	0.00
	5	0.00	17.21	0.00	134.07	0.00	-413.07
36	7	0.00	56.50	0.00	-38.22	0.00	1403.60
	15	0.00	-6.37e-012	0.00	0.00	0.00	2.04e-010
38	4	0.00	145.82	0.00	753.30	0.00	30174.97
	1	0.00	-145.82	0.00	-753.30	0.00	30174.97
40	18	0.00	1.82e-012	0.00	0.00	0.00	1.46e-010
	9	0.00	-56.50	0.00	38.22	0.00	1403.60
41	10	0.00	21.48	0.00	-582.48	0.00	515.75
	13	0.00	-1.71e-012	0.00	0.00	0.00	-2.55e-011
42	5	0.00	-36.48	0.00	4035.13	0.00	-9200.79
	10	0.00	130.62	0.00	-5992.41	0.00	-11823.12
43	9	0.00	-140.46	0.00	7333.53	0.00	-12449.94
	5	0.00	78.11	0.00	-4736.02	0.00	-10116.02
44	11	0.00	-1.99e-012	0.00	0.00	0.00	-1.22e-010
	9	0.00	-41.75	0.00	727.91	0.00	1031.96
45	8	0.00	-21.48	0.00	-582.48	0.00	-515.75
	14	0.00	4.55e-013	0.00	0.00	0.00	5.82e-011
46	2	0.00	36.48	0.00	4035.13	0.00	9200.79
	8	0.00	-130.62	0.00	-5992.41	0.00	11823.12
47	7	0.00	140.46	0.00	7333.53	0.00	12449.94
	2	0.00	-78.11	0.00	-4736.02	0.00	10116.02
48	12	0.00	2.39e-012	0.00	7.28e-012	0.00	1.04e-010
	7	0.00	41.75	0.00	727.91	0.00	-1031.96

SFORZI "Torcente di piano SLV"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	-110.21	60.54	189.26	-8038.57	-48453.80	14488.00
	24	110.21	-60.54	-189.26	8038.57	-31037.09	10937.12
4	4	110.21	-60.54	189.26	-8038.57	-48453.80	-14488.00
	21	-110.21	60.54	-189.26	8038.57	-31037.09	-10937.12
5	6	-46.02	-66.51	-166.86	-8038.57	42413.33	-15241.49
	23	46.02	66.51	166.86	8038.57	27667.46	-12692.24
6	3	46.02	66.51	-166.86	-8038.57	42413.33	15241.49
	26	-46.02	-66.51	166.86	8038.57	27667.46	12692.24
7	5	-65.20	-111.47	-22.40	-8038.57	5528.68	-26145.44
	22	65.20	111.47	22.40	8038.57	3881.42	-20670.40
8	2	65.20	111.47	-22.40	-8038.57	5528.68	26145.44
	25	-65.20	-111.47	22.40	8038.57	3881.42	20670.40
9	28	0.00	0.00	0.00	3.64e-012	0.00	0.00
	37	0.00	0.00	0.00	-3.64e-012	0.00	0.00
11	23	0.00	-117.06	-6.31e-030	3091.31	2.55e-011	-21656.49
	26	0.00	117.06	6.31e-030	-3091.31	2.18e-011	-21656.49
12	40	0.00	-9.09e-013	2.91e-011	7.28e-012	-2.33e-010	9.09e-013
	30	0.00	9.09e-013	-2.91e-011	-7.28e-012	-4.66e-010	2.91e-011
13	25	0.00	-3.41e-013	0.00	7.28e-012	-2.33e-010	-6.37e-012

	36	0.00	3.41e-013	0.00	-7.28e-012	0.00	-3.64e-012
14	22	0.00	-21.01	9.13e-014	3742.63	-3.64e-012	-3992.16
	25	0.00	21.01	-9.13e-014	-3742.63	-7.28e-012	-3992.16
15	39	0.00	1.14e-013	2.91e-011	7.28e-012	0.00	2.73e-012
	22	0.00	-1.14e-013	-2.91e-011	-7.28e-012	0.00	-3.64e-012
16	27	0.00	0.00	0.00	7.28e-012	0.00	-7.28e-012
	35	0.00	0.00	0.00	-7.28e-012	0.00	2.91e-011
18	21	0.00	137.07	-6.31e-030	4145.66	2.55e-011	25357.81
	24	0.00	-137.07	6.31e-030	-4145.66	2.18e-011	25357.81
20	38	0.00	2.73e-012	2.91e-011	7.28e-012	-2.33e-010	5.46e-012
	29	0.00	-2.73e-012	-2.91e-011	-7.28e-012	-4.66e-010	0.00
21	30	0.00	0.00	2.91e-011	-1.46e-011	0.00	-1.16e-011
	33	0.00	0.00	-2.91e-011	1.46e-011	0.00	3.64e-012
22	22	0.00	-71.04	0.00	5655.74	2.91e-011	-10291.45
	30	0.00	71.04	0.00	-5655.74	2.91e-011	-9600.93
23	29	0.00	-26.86	0.00	5545.00	-1.82e-012	-6791.45
	22	0.00	26.86	0.00	-5545.00	0.00	-6636.32
24	31	0.00	0.00	0.00	-1.46e-011	0.00	1.82e-012
	29	0.00	0.00	0.00	1.46e-011	0.00	-7.28e-012
25	28	0.00	0.00	2.91e-011	-2.91e-011	0.00	8.87e-012
	34	0.00	0.00	-2.91e-011	2.91e-011	0.00	0.00
26	25	0.00	71.04	0.00	5655.74	2.91e-011	10291.45
	28	0.00	-71.04	0.00	-5655.74	2.91e-011	9600.93
27	27	-3.64e-012	26.86	0.00	5545.00	-1.82e-012	6791.45
	25	3.64e-012	-26.86	0.00	-5545.00	0.00	6636.32
28	32	0.00	6.82e-013	0.00	-2.91e-011	0.00	1.23e-011
	27	0.00	-6.82e-013	0.00	2.91e-011	0.00	7.28e-012
29	8	0.00	-42.45	0.00	-88.06	0.00	-1081.15
	17	0.00	2.73e-012	0.00	9.09e-013	0.00	-1.46e-010
31	6	0.00	-176.92	0.00	1735.90	0.00	-32415.61
	3	0.00	176.92	0.00	-1735.90	0.00	-32415.61
32	20	0.00	7.28e-012	0.00	9.09e-013	0.00	2.91e-011
	10	0.00	42.45	0.00	88.06	0.00	-1081.15
33	2	0.00	-20.42	0.00	-159.09	0.00	-490.16
	16	0.00	-2.50e-012	0.00	0.00	0.00	-2.91e-011
34	5	0.00	-4.62	0.00	3064.69	0.00	-4206.84
	2	0.00	4.62	0.00	-3064.69	0.00	-4206.84
35	19	0.00	1.36e-012	0.00	-1.82e-012	0.00	7.28e-012
	5	0.00	20.42	0.00	159.09	0.00	-490.16
36	7	0.00	67.04	0.00	-45.35	0.00	1665.54
	15	0.00	-1.82e-012	0.00	4.55e-013	0.00	2.04e-010
38	4	0.00	173.04	0.00	893.88	0.00	35806.15
	1	0.00	-173.04	0.00	-893.88	0.00	35806.15
40	18	0.00	-1.82e-012	0.00	0.00	0.00	1.75e-010
	9	0.00	-67.04	0.00	45.35	0.00	1665.54
41	10	0.00	25.49	0.00	-691.18	0.00	612.00
	13	0.00	-1.14e-012	0.00	0.00	0.00	-2.91e-011
42	5	0.00	-43.29	0.00	4788.16	0.00	-10917.82
	10	0.00	155.00	0.00	-7110.70	0.00	-14029.52
43	9	0.00	-166.68	0.00	8702.10	0.00	-14773.32
	5	0.00	92.69	0.00	-5619.84	0.00	-12003.85
44	11	0.00	-1.42e-012	0.00	0.00	0.00	-1.55e-010
	9	0.00	-49.54	0.00	863.75	0.00	1224.55
45	8	0.00	-25.49	0.00	-691.18	0.00	-612.00
	14	0.00	4.55e-013	0.00	0.00	0.00	5.82e-011
46	2	0.00	43.29	0.00	4788.16	0.00	10917.82
	8	0.00	-155.00	0.00	-7110.70	0.00	14029.52
47	7	0.00	166.68	0.00	8702.10	0.00	14773.32
	2	0.00	-92.69	0.00	-5619.84	0.00	12003.85
48	12	0.00	2.84e-013	0.00	7.28e-012	0.00	5.55e-011

7	0.00	49.54	0.00	863.75	0.00	-1224.55
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SFORZI "Torcente di piano SLD"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	-80.40	44.16	138.07	-5864.28	-35347.92	10569.25
	24	80.40	-44.16	-138.07	5864.28	-22642.12	7978.82
4	4	80.40	-44.16	138.07	-5864.28	-35347.92	-10569.25
	21	-80.40	44.16	-138.07	5864.28	-22642.12	-7978.82
5	6	-33.57	-48.52	-121.73	-5864.28	30941.29	-11118.94
	23	33.57	48.52	121.73	5864.28	20183.91	-9259.22
6	3	33.57	48.52	-121.73	-5864.28	30941.29	11118.94
	26	-33.57	-48.52	121.73	5864.28	20183.91	9259.22
7	5	-47.56	-81.32	-16.34	-5864.28	4033.27	-19073.57
	22	47.56	81.32	16.34	5864.28	2831.56	-15079.43
8	2	47.56	81.32	-16.34	-5864.28	4033.27	19073.57
	25	-47.56	-81.32	16.34	5864.28	2831.56	15079.43
9	28	0.00	9.09e-013	1.46e-011	7.28e-012	0.00	7.28e-012
	37	0.00	-9.09e-013	-1.46e-011	-7.28e-012	-1.16e-010	1.46e-011
11	23	0.00	-85.40	-6.31e-030	2255.16	1.64e-011	-15798.80
	26	0.00	85.40	6.31e-030	-2255.16	1.64e-011	-15798.80
12	40	0.00	-9.09e-013	1.46e-011	3.64e-012	-1.16e-010	-8.19e-012
	30	0.00	9.09e-013	-1.46e-011	-3.64e-012	-2.33e-010	1.46e-011
13	25	0.00	-3.41e-013	1.46e-011	3.64e-012	-4.66e-010	-6.82e-012
	36	0.00	3.41e-013	-1.46e-011	-3.64e-012	-1.16e-010	-3.64e-012
14	22	0.00	-15.33	6.66e-014	2730.32	-3.64e-012	-2912.35
	25	0.00	15.33	-6.66e-014	-2730.32	-5.46e-012	-2912.35
15	39	0.00	3.41e-013	1.46e-011	3.64e-012	0.00	1.36e-012
	22	0.00	-3.41e-013	-1.46e-011	-3.64e-012	0.00	3.64e-012
16	27	0.00	-9.09e-013	1.46e-011	7.28e-012	0.00	7.28e-012
	35	0.00	9.09e-013	-1.46e-011	-7.28e-012	-1.16e-010	0.00
18	21	0.00	99.99	-6.31e-030	3024.34	1.64e-011	18498.98
	24	0.00	-99.99	6.31e-030	-3024.34	1.64e-011	18498.98
20	38	0.00	9.09e-013	1.46e-011	3.64e-012	-1.16e-010	6.37e-012
	29	0.00	-9.09e-013	-1.46e-011	-3.64e-012	-2.33e-010	0.00
21	30	0.00	0.00	2.91e-011	-1.46e-011	0.00	-4.32e-012
	33	0.00	0.00	-2.91e-011	1.46e-011	0.00	3.64e-012
22	22	0.00	-51.83	-1.14e-013	4125.97	1.46e-011	-7507.80
	30	0.00	51.83	1.14e-013	-4125.97	1.46e-011	-7004.05
23	29	0.00	-19.59	0.00	4045.18	0.00	-4954.49
	22	0.00	19.59	0.00	-4045.18	3.64e-012	-4841.32
24	31	0.00	0.00	0.00	-1.46e-011	0.00	-4.55e-012
	29	0.00	0.00	0.00	1.46e-011	0.00	-3.64e-012
25	28	0.00	-3.41e-013	2.91e-011	-2.18e-011	0.00	5.46e-012
	34	0.00	3.41e-013	-2.91e-011	2.18e-011	0.00	-3.64e-012
26	25	0.00	51.83	-1.14e-013	4125.97	1.46e-011	7507.80
	28	0.00	-51.83	1.14e-013	-4125.97	1.46e-011	7004.05
27	27	-1.82e-012	19.59	0.00	4045.18	0.00	4954.49
	25	1.82e-012	-19.59	0.00	-4045.18	3.64e-012	4841.32
28	32	0.00	-2.27e-013	0.00	-1.46e-011	0.00	-7.50e-012
	27	0.00	2.27e-013	0.00	1.46e-011	0.00	3.64e-012
29	8	0.00	-30.97	0.00	-64.24	0.00	-788.72
	17	0.00	1.82e-012	0.00	0.00	0.00	-1.16e-010
31	6	0.00	-129.07	0.00	1266.37	0.00	-23647.77
	3	0.00	129.07	0.00	-1266.37	0.00	-23647.77
32	20	0.00	9.09e-013	0.00	0.00	0.00	-7.28e-011
	10	0.00	30.97	0.00	64.24	0.00	-788.72
33	2	0.00	-14.90	0.00	-116.06	0.00	-357.58
	16	0.00	0.00	0.00	0.00	0.00	0.00
34	5	0.00	-3.37	0.00	2235.74	0.00	-3068.96
	2	0.00	3.37	0.00	-2235.74	0.00	-3068.96

35	19	0.00	9.09e-013	0.00	0.00	0.00	1.09e-011
	5	0.00	14.90	0.00	116.06	0.00	-357.58
36	7	0.00	48.91	0.00	-33.08	0.00	1215.04
	15	0.00	-9.09e-013	0.00	0.00	0.00	1.46e-010
38	4	0.00	126.23	0.00	652.10	0.00	26121.23
	1	0.00	-126.23	0.00	-652.10	0.00	26121.23
40	18	0.00	0.00	0.00	0.00	0.00	1.02e-010
	9	0.00	-48.91	0.00	33.08	0.00	1215.04
41	10	0.00	18.59	0.00	-504.23	0.00	446.46
	13	0.00	-5.68e-013	0.00	-3.64e-012	0.00	-2.55e-011
42	5	0.00	-31.58	0.00	3493.05	0.00	-7964.75
	10	0.00	113.07	0.00	-5187.38	0.00	-10234.79
43	9	0.00	-121.59	0.00	6348.34	0.00	-10777.40
	5	0.00	67.62	0.00	-4099.78	0.00	-8757.02
44	11	0.00	-3.24e-012	0.00	0.00	0.00	-1.17e-010
	9	0.00	-36.14	0.00	630.12	0.00	893.33
45	8	0.00	-18.59	0.00	-504.23	0.00	-446.46
	14	0.00	3.41e-013	0.00	-3.64e-012	0.00	2.18e-011
46	2	0.00	31.58	0.00	3493.05	0.00	7964.75
	8	0.00	-113.07	0.00	-5187.38	0.00	10234.79
47	7	0.00	121.59	0.00	6348.34	0.00	10777.40
	2	0.00	-67.62	0.00	-4099.78	0.00	8757.02
48	12	0.00	2.56e-012	0.00	0.00	0.00	1.02e-010
	7	0.00	36.14	0.00	630.12	0.00	-893.33

SFORZI "muretti d'attico"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	695.26	66.72	-38.98	6.83e-013	3936.96	7859.21
	24	-695.26	-66.72	38.98	-6.83e-013	12433.52	20163.31
4	4	695.26	66.72	38.98	6.83e-013	-3936.96	7859.21
	21	-695.26	-66.72	-38.98	-6.83e-013	-12433.52	20163.31
5	6	505.03	-13.64	43.65	6.83e-013	-4733.97	-2086.11
	23	-505.03	13.64	-43.65	-6.83e-013	-13598.65	-3643.42
6	3	505.03	-13.64	-43.65	6.83e-013	4733.97	-2086.11
	26	-505.03	13.64	43.65	-6.83e-013	13598.65	-3643.42
7	5	974.71	-53.08	36.31	6.83e-013	-4236.12	-7397.60
	22	-974.71	53.08	-36.31	-6.83e-013	-11013.68	-14895.40
8	2	974.71	-53.08	-36.31	6.83e-013	4236.12	-7397.60
	25	-974.71	53.08	36.31	-6.83e-013	11013.68	-14895.40
9	28	0.00	30.00	-3.01e-013	1.82e-012	5.03e-012	300.00
	37	0.00	2.27e-013	3.01e-013	-1.82e-012	-6.28e-012	-7.28e-012
11	23	8.08e-028	277.50	3.88e-030	1.02e-012	5.98e-014	13745.43
	26	-8.08e-028	277.50	-3.88e-030	-1.02e-012	-5.98e-014	-13745.43
12	40	0.00	4.55e-013	3.01e-013	-1.82e-012	6.28e-012	-1.14e-012
	30	0.00	30.00	-3.01e-013	1.82e-012	-5.03e-012	-300.00
13	25	6.46e-027	30.00	-3.01e-013	7.28e-012	5.03e-012	300.00
	36	-6.46e-027	1.36e-012	3.01e-013	-7.28e-012	-6.28e-012	2.91e-011
14	22	-2.02e-028	285.00	0.00	-9.09e-013	1.04e-014	13450.48
	25	2.02e-028	285.00	0.00	9.09e-013	-1.04e-014	-13450.48
15	39	6.46e-027	0.00	3.01e-013	-7.28e-012	6.28e-012	-3.27e-011
	22	-6.46e-027	30.00	-3.01e-013	7.28e-012	-5.03e-012	-300.00
16	27	0.00	30.00	-3.01e-013	-1.46e-011	5.03e-012	300.00
	35	0.00	2.27e-013	3.01e-013	1.46e-011	-6.28e-012	3.64e-011
18	21	1.21e-027	277.50	3.88e-030	-1.82e-012	5.98e-014	13976.40
	24	-1.21e-027	277.50	-3.88e-030	1.82e-012	-5.98e-014	-13976.40
20	38	0.00	-4.55e-013	3.01e-013	1.46e-011	6.28e-012	-2.02e-011
	29	0.00	30.00	-3.01e-013	-1.46e-011	-5.03e-012	-300.00
21	30	-1.07e-013	37.50	0.00	-7.28e-012	0.00	468.75
	33	1.07e-013	5.68e-013	0.00	7.28e-012	2.58e-026	-5.46e-012
22	22	-9.51e-015	259.97	1.26e-029	-1290.86	-1.62e-027	18104.43

	30	9.51e-015	160.03	-1.26e-029	1290.86	0.00	-4112.17
23	29	1.74e-014	350.26	-4.73e-030	845.94	-1.41e-027	20632.06
	22	-1.74e-014	399.74	4.73e-030	-845.94	1.62e-027	-32999.83
24	31	-1.07e-013	9.09e-013	-6.46e-027	7.28e-012	1.03e-025	8.19e-012
	29	1.07e-013	37.50	6.46e-027	-7.28e-012	0.00	-468.75
25	28	1.07e-013	37.50	0.00	7.28e-012	0.00	468.75
	34	-1.07e-013	-5.68e-013	0.00	-7.28e-012	2.58e-026	-5.46e-012
26	25	9.51e-015	259.97	1.26e-029	1290.86	-1.62e-027	18104.43
	28	-9.51e-015	160.03	-1.26e-029	-1290.86	0.00	-4112.17
27	27	-1.74e-014	350.26	-4.73e-030	-845.94	-1.41e-027	20632.06
	25	1.74e-014	399.74	4.73e-030	845.94	1.62e-027	-32999.83
28	32	1.07e-013	-9.09e-013	-6.46e-027	0.00	1.03e-025	-1.18e-011
	27	-1.07e-013	37.50	6.46e-027	0.00	0.00	-468.75
29	8	0.00	-89.99	0.00	68.31	0.00	-2105.88
	17	0.00	3.64e-012	0.00	0.00	0.00	-2.91e-011
31	6	0.00	-168.29	0.00	262.65	0.00	-237.97
	3	0.00	-168.29	0.00	262.65	0.00	237.97
32	20	0.00	-8.19e-012	0.00	0.00	0.00	-2.91e-011
	10	0.00	-89.99	0.00	68.31	0.00	2105.88
33	2	0.00	-104.57	0.00	157.08	0.00	-2442.54
	16	0.00	-1.82e-012	0.00	-1.82e-012	0.00	0.00
34	5	0.00	-213.21	0.00	618.02	0.00	-2233.21
	2	0.00	-213.21	0.00	618.02	0.00	2233.21
35	19	0.00	0.00	0.00	-1.82e-012	0.00	5.82e-011
	5	0.00	-104.57	0.00	157.08	0.00	2442.54
36	7	0.00	-117.35	0.00	-612.39	0.00	-2730.57
	15	0.00	-9.09e-012	0.00	7.28e-012	0.00	-1.16e-010
38	4	0.00	-247.45	0.00	-2354.79	0.00	-3777.28
	1	0.00	-247.45	0.00	-2354.79	0.00	3777.28
40	18	0.00	-8.19e-012	0.00	0.00	0.00	-1.31e-010
	9	0.00	-117.35	0.00	-612.39	0.00	2730.57
41	10	0.00	-90.00	0.00	450.40	0.00	-2266.75
	13	0.00	-5.68e-013	0.00	3.64e-012	0.00	2.04e-010
42	5	0.00	-361.74	0.00	1830.75	0.00	-25789.97
	10	0.00	-156.75	0.00	731.96	0.00	511.60
43	9	0.00	-193.32	0.00	2242.61	0.00	1296.34
	5	0.00	-295.19	0.00	2196.05	0.00	19167.46
44	11	0.00	-4.55e-012	0.00	3.64e-012	0.00	-5.24e-010
	9	0.00	-137.14	0.00	501.99	0.00	3595.70
45	8	0.00	-90.00	0.00	-450.40	0.00	-2266.75
	14	0.00	5.00e-012	0.00	-3.64e-012	0.00	1.64e-010
46	2	0.00	-361.74	0.00	-1830.75	0.00	-25789.97
	8	0.00	-156.75	0.00	-731.96	0.00	511.60
47	7	0.00	-193.32	0.00	-2242.61	0.00	1296.34
	2	0.00	-295.19	0.00	-2196.05	0.00	19167.46
48	12	0.00	-3.64e-012	0.00	-3.64e-012	0.00	-3.78e-010
	7	0.00	-137.14	0.00	-501.99	0.00	3595.70

SFORZI "neve"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	534.77	82.22	-5.38	6.08e-013	-165.79	10050.76
	24	-534.77	-82.22	5.38	-6.08e-013	2426.82	24482.26
4	4	534.77	82.22	5.38	6.08e-013	165.79	10050.76
	21	-534.77	-82.22	-5.38	-6.08e-013	-2426.82	24482.26
5	6	305.96	-17.74	8.92	6.08e-013	-569.54	-2861.16
	23	-305.96	17.74	-8.92	-6.08e-013	-3175.26	-4591.73
6	3	305.96	-17.74	-8.92	6.08e-013	569.54	-2861.16
	26	-305.96	17.74	8.92	-6.08e-013	3175.26	-4591.73
7	5	793.27	-64.48	-0.38	6.08e-013	540.58	-9168.83
	22	-793.27	64.48	0.38	-6.08e-013	-379.36	-17911.30

8	2	793.27	-64.48	0.38	6.08e-013	-540.58	-9168.83
	25	-793.27	64.48	-0.38	-6.08e-013	379.36	-17911.30
9	28	-6.46e-027	10.00	-6.93e-013	3.64e-012	1.50e-012	100.00
	37	6.46e-027	-3.98e-013	6.93e-013	-3.64e-012	-2.20e-012	1.64e-011
11	23	-4.04e-028	92.50	3.45e-030	-1.14e-013	-1.46e-013	4839.22
	26	4.04e-028	92.50	-3.45e-030	1.14e-013	1.46e-013	-4839.22
12	40	-6.46e-027	2.27e-013	6.93e-013	-3.64e-012	2.20e-012	-2.44e-012
	30	6.46e-027	10.00	-6.93e-013	3.64e-012	-1.50e-012	-100.00
13	25	3.23e-027	-1.93e-012	-6.93e-013	7.28e-012	1.50e-012	-3.93e-011
	36	-3.23e-027	1.93e-012	6.93e-013	-7.28e-012	-2.20e-012	-6.37e-012
14	22	4.04e-028	4.35e-014	0.00	0.00	-1.90e-013	-333.89
	25	-4.04e-028	-4.35e-014	0.00	0.00	1.90e-013	333.89
15	39	3.23e-027	-1.17e-012	6.93e-013	-7.28e-012	2.20e-012	-1.41e-011
	22	-3.23e-027	1.17e-012	-6.93e-013	7.28e-012	-1.50e-012	-1.82e-012
16	27	1.29e-026	10.00	-6.93e-013	-5.82e-011	1.50e-012	100.00
	35	-1.29e-026	-1.99e-012	6.93e-013	5.82e-011	-2.20e-012	-3.64e-012
18	21	0.00	92.50	3.45e-030	-5.46e-012	-1.46e-013	4954.76
	24	0.00	92.50	-3.45e-030	5.46e-012	1.46e-013	-4954.76
20	38	1.29e-026	2.50e-012	6.93e-013	0.00	2.20e-012	-1.25e-012
	29	-1.29e-026	10.00	-6.93e-013	0.00	-1.50e-012	-100.00
21	30	7.54e-013	12.50	-6.46e-027	-1.82e-012	0.00	156.25
	33	-7.54e-013	-5.68e-013	6.46e-027	1.82e-012	0.00	0.00
22	22	-3.01e-014	313.04	1.26e-029	496.67	-1.62e-027	21840.18
	30	3.01e-014	190.96	-1.26e-029	-496.67	-3.23e-027	-4747.98
23	29	-7.77e-015	419.77	-6.31e-030	-216.58	-6.06e-028	24638.51
	22	7.77e-015	480.23	6.31e-030	216.58	-8.08e-028	-39751.47
24	31	7.54e-013	9.09e-013	3.23e-027	1.82e-012	-5.17e-026	1.09e-011
	29	-7.54e-013	12.50	-3.23e-027	-1.82e-012	0.00	-156.25
25	28	-7.54e-013	12.50	-6.46e-027	1.82e-012	0.00	156.25
	34	7.54e-013	-1.14e-013	6.46e-027	-1.82e-012	0.00	-3.64e-012
26	25	3.01e-014	313.04	1.26e-029	-496.67	-1.62e-027	21840.18
	28	-3.01e-014	190.96	-1.26e-029	496.67	-3.23e-027	-4747.98
27	27	7.77e-015	419.77	-6.31e-030	216.58	-6.06e-028	24638.51
	25	-7.77e-015	480.23	6.31e-030	-216.58	-8.08e-028	-39751.47
28	32	-7.54e-013	9.09e-013	3.23e-027	-1.82e-012	-5.17e-026	-2.73e-011
	27	7.54e-013	12.50	-3.23e-027	1.82e-012	0.00	-156.25
29	8	0.00	-53.81	0.00	0.99	0.00	-1251.69
	17	0.00	1.36e-012	0.00	0.00	0.00	-2.91e-011
31	6	0.00	-113.96	0.00	3.79	0.00	-1794.58
	3	0.00	-113.96	0.00	3.79	0.00	1794.58
32	20	0.00	-3.18e-012	0.00	0.00	0.00	6.55e-011
	10	0.00	-53.81	0.00	0.99	0.00	1251.69
33	2	0.00	-80.35	0.00	142.39	0.00	-1861.10
	16	0.00	-9.55e-012	0.00	1.82e-012	0.00	8.73e-011
34	5	0.00	-190.93	0.00	560.26	0.00	-5146.26
	2	0.00	-190.93	0.00	560.26	0.00	5146.26
35	19	0.00	-4.09e-012	0.00	0.00	0.00	2.91e-011
	5	0.00	-80.35	0.00	142.39	0.00	1861.10
36	7	0.00	-89.10	0.00	-548.26	0.00	-2060.68
	15	0.00	3.64e-012	0.00	0.00	0.00	-1.16e-010
38	4	0.00	-210.14	0.00	-2108.18	0.00	-5625.53
	1	0.00	-210.14	0.00	-2108.18	0.00	5625.53
40	18	0.00	-4.55e-013	0.00	-7.28e-012	0.00	7.28e-011
	9	0.00	-89.10	0.00	-548.26	0.00	2060.68
41	10	0.00	-53.58	0.00	228.62	0.00	-1338.51
	13	0.00	2.90e-012	0.00	0.00	0.00	2.93e-011
42	5	0.00	-295.11	0.00	1497.35	0.00	-22944.86
	10	0.00	-84.61	0.00	-76.15	0.00	-1517.88
43	9	0.00	-126.80	0.00	1462.66	0.00	4525.82
	5	0.00	-226.88	0.00	1247.24	0.00	14478.69
44	11	0.00	9.09e-013	0.00	3.64e-012	0.00	-3.06e-010

	9	0.00	-108.74	0.00	313.22	0.00	2868.50
45	8	0.00	-53.58	0.00	-228.62	0.00	-1338.51
	14	0.00	4.69e-012	0.00	1.82e-012	0.00	-2.32e-011
46	2	0.00	-295.11	0.00	-1497.35	0.00	-22944.86
	8	0.00	-84.61	0.00	76.15	0.00	-1517.88
47	7	0.00	-126.80	0.00	-1462.66	0.00	4525.82
	2	0.00	-226.88	0.00	-1247.24	0.00	14478.69
48	12	0.00	6.37e-012	0.00	0.00	0.00	-1.75e-010
	7	0.00	-108.74	0.00	-313.22	0.00	2868.50

SFORZI "variabili copertura"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	325.53	50.26	-3.14	4.17e-013	-119.20	6146.08
	24	-325.53	-50.26	3.14	-4.17e-013	1437.21	14964.31
4	4	325.53	50.26	3.14	4.17e-013	119.20	6146.08
	21	-325.53	-50.26	-3.14	-4.17e-013	-1437.21	14964.31
5	6	185.71	-10.86	5.30	4.17e-013	-330.96	-1751.52
	23	-185.71	10.86	-5.30	-4.17e-013	-1896.76	-2809.03
6	3	185.71	-10.86	-5.30	4.17e-013	330.96	-1751.52
	26	-185.71	10.86	5.30	-4.17e-013	1896.76	-2809.03
7	5	484.76	-39.40	-0.26	4.17e-013	333.40	-5603.55
	22	-484.76	39.40	0.26	-4.17e-013	-224.06	-10946.29
8	2	484.76	-39.40	0.26	4.17e-013	-333.40	-5603.55
	25	-484.76	39.40	-0.26	-4.17e-013	224.06	-10946.29
9	28	0.00	6.00	2.20e-013	1.82e-012	-9.69e-013	60.00
	37	0.00	-2.84e-013	-2.20e-013	-1.82e-012	2.05e-013	9.09e-012
11	23	0.00	55.50	2.37e-030	2.27e-013	-2.16e-013	2904.46
	26	0.00	55.50	-2.37e-030	-2.27e-013	2.16e-013	-2904.46
12	40	0.00	0.00	-2.20e-013	-1.82e-012	-2.05e-013	-3.47e-012
	30	0.00	6.00	2.20e-013	1.82e-012	9.69e-013	-60.00
13	25	4.85e-027	-8.81e-013	2.20e-013	7.28e-012	-9.69e-013	-2.42e-011
	36	-4.85e-027	8.81e-013	-2.20e-013	-7.28e-012	2.05e-013	-4.55e-013
14	22	-2.02e-028	2.40e-014	0.00	-6.82e-013	2.08e-013	-200.82
	25	2.02e-028	-2.40e-014	0.00	6.82e-013	-2.08e-013	200.82
15	39	4.85e-027	7.96e-013	-2.20e-013	-3.64e-012	-2.05e-013	-5.80e-012
	22	-4.85e-027	-7.96e-013	2.20e-013	3.64e-012	9.69e-013	3.64e-012
16	27	-1.29e-026	6.00	2.20e-013	-1.46e-011	-9.69e-013	60.00
	35	1.29e-026	-5.68e-013	-2.20e-013	1.46e-011	2.05e-013	6.37e-012
18	21	4.04e-028	55.50	2.37e-030	-2.73e-012	-2.16e-013	2975.60
	24	-4.04e-028	55.50	-2.37e-030	2.73e-012	2.16e-013	-2975.60
20	38	-1.29e-026	5.12e-013	-2.20e-013	1.46e-011	-2.05e-013	-2.87e-012
	29	1.29e-026	6.00	2.20e-013	-1.46e-011	9.69e-013	-60.00
21	30	-8.74e-013	7.50	-3.23e-027	-9.09e-013	0.00	93.75
	33	8.74e-013	-4.55e-013	3.23e-027	9.09e-013	0.00	1.82e-012
22	22	1.95e-014	191.29	6.31e-030	296.65	0.00	13344.63
	30	-1.95e-014	116.71	-6.31e-030	-296.65	-1.62e-027	-2902.78
23	29	-2.09e-014	256.53	1.58e-030	-128.22	5.05e-028	15058.06
	22	2.09e-014	293.47	-1.58e-030	128.22	-8.08e-028	-24290.92
24	31	-8.74e-013	9.09e-013	-1.62e-027	9.09e-013	-2.58e-026	8.19e-012
	29	8.74e-013	7.50	1.62e-027	-9.09e-013	0.00	-93.75
25	28	8.74e-013	7.50	-3.23e-027	9.09e-013	0.00	93.75
	34	-8.74e-013	-1.71e-013	3.23e-027	-9.09e-013	0.00	0.00
26	25	-1.95e-014	191.29	6.31e-030	-296.65	0.00	13344.63
	28	1.95e-014	116.71	-6.31e-030	296.65	-1.62e-027	-2902.78
27	27	2.09e-014	256.53	1.58e-030	128.22	5.05e-028	15058.06
	25	-2.09e-014	293.47	-1.58e-030	-128.22	-8.08e-028	-24290.92
28	32	8.74e-013	-4.55e-013	-1.62e-027	-9.09e-013	-2.58e-026	-1.00e-011
	27	-8.74e-013	7.50	1.62e-027	9.09e-013	0.00	-93.75
29	8	0.00	-32.67	0.00	-0.14	0.00	-759.95
	17	0.00	2.96e-012	0.00	0.00	0.00	-8.00e-011

31	6	0.00	-69.23	0.00	-0.52	0.00	-1093.94
	3	0.00	-69.23	0.00	-0.52	0.00	1093.94
32	20	0.00	-3.87e-012	0.00	0.00	0.00	4.73e-011
	10	0.00	-32.67	0.00	-0.14	0.00	759.95
33	2	0.00	-49.09	0.00	86.83	0.00	-1137.03
	16	0.00	-1.14e-012	0.00	0.00	0.00	8.73e-011
34	5	0.00	-116.75	0.00	341.63	0.00	-3155.73
	2	0.00	-116.75	0.00	341.63	0.00	3155.73
35	19	0.00	1.82e-012	0.00	0.00	0.00	4.00e-011
	5	0.00	-49.09	0.00	86.83	0.00	1137.03
36	7	0.00	-54.23	0.00	-334.29	0.00	-1254.24
	15	0.00	2.50e-012	0.00	-3.64e-012	0.00	-6.55e-011
38	4	0.00	-128.01	0.00	-1285.42	0.00	-3436.96
	1	0.00	-128.01	0.00	-1285.42	0.00	3436.96
40	18	0.00	4.55e-013	0.00	0.00	0.00	-5.82e-011
	9	0.00	-54.23	0.00	-334.29	0.00	1254.24
41	10	0.00	-32.51	0.00	138.70	0.00	-811.94
	13	0.00	4.70e-012	0.00	1.82e-012	0.00	-7.96e-012
42	5	0.00	-180.28	0.00	921.03	0.00	-14028.32
	10	0.00	-51.30	0.00	-56.14	0.00	-940.25
43	9	0.00	-77.08	0.00	885.55	0.00	2779.51
	5	0.00	-138.64	0.00	764.27	0.00	8853.24
44	11	0.00	-1.36e-012	0.00	1.82e-012	0.00	-1.31e-010
	9	0.00	-66.21	0.00	190.33	0.00	1746.86
45	8	0.00	-32.51	0.00	-138.70	0.00	-811.94
	14	0.00	2.19e-012	0.00	0.00	0.00	2.02e-011
46	2	0.00	-180.28	0.00	-921.03	0.00	-14028.32
	8	0.00	-51.30	0.00	56.14	0.00	-940.25
47	7	0.00	-77.08	0.00	-885.55	0.00	2779.51
	2	0.00	-138.64	0.00	-764.27	0.00	8853.24
48	12	0.00	-1.36e-012	0.00	0.00	0.00	-2.33e-010
	7	0.00	-66.21	0.00	-190.33	0.00	1746.86

SFORZI "permanenti"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	1557.62	237.36	-17.07	1.96e-012	-300.10	28995.98
	24	-1557.62	-237.36	17.07	-1.96e-012	7469.28	70697.18
4	4	1557.62	237.36	17.07	1.96e-012	300.10	28995.98
	21	-1557.62	-237.36	-17.07	-1.96e-012	-7469.28	70697.18
5	6	896.53	-51.12	27.20	1.96e-012	-1816.26	-8235.21
	23	-896.53	51.12	-27.20	-1.96e-012	-9609.72	-13235.23
6	3	896.53	-51.12	-27.20	1.96e-012	1816.26	-8235.21
	26	-896.53	51.12	27.20	-1.96e-012	9609.72	-13235.23
7	5	2291.85	-186.24	-0.85	1.96e-012	1531.19	-26483.96
	22	-2291.85	186.24	0.85	-1.96e-012	-1173.61	-51738.76
8	2	2291.85	-186.24	0.85	1.96e-012	-1531.19	-26483.96
	25	-2291.85	186.24	-0.85	-1.96e-012	1173.61	-51738.76
9	28	0.00	30.00	-1.03e-012	1.46e-011	8.15e-012	300.00
	37	0.00	-2.27e-013	1.03e-012	-1.46e-011	-1.67e-011	7.28e-012
11	23	0.00	277.50	1.11e-029	9.09e-013	-6.51e-014	14508.40
	26	0.00	277.50	-1.11e-029	-9.09e-013	6.51e-014	-14508.40
12	40	0.00	4.55e-013	1.03e-012	-1.46e-011	1.67e-011	1.32e-011
	30	0.00	30.00	-1.03e-012	1.46e-011	-8.15e-012	-300.00
13	25	-2.58e-026	-5.80e-012	-1.03e-012	2.91e-011	8.15e-012	-8.87e-011
	36	2.58e-026	5.80e-012	1.03e-012	-2.91e-011	-1.67e-011	1.64e-011
14	22	4.04e-028	1.28e-013	0.00	-4.55e-012	-2.07e-013	-996.88
	25	-4.04e-028	-1.28e-013	0.00	4.55e-012	2.07e-013	996.88
15	39	-2.58e-026	-3.41e-013	1.03e-012	-2.91e-011	1.67e-011	1.82e-011
	22	2.58e-026	3.41e-013	-1.03e-012	2.91e-011	-8.15e-012	5.46e-012
16	27	-5.17e-026	30.00	-1.03e-012	-5.82e-011	8.15e-012	300.00

	35	5.17e-026	-2.73e-012	1.03e-012	5.82e-011	-1.67e-011	4.37e-011
18	21	1.62e-027	277.50	1.11e-029	-3.64e-012	-6.51e-014	14836.87
	24	-1.62e-027	277.50	-1.11e-029	3.64e-012	6.51e-014	-14836.87
20	38	-5.17e-026	6.14e-012	1.03e-012	1.16e-010	1.67e-011	6.23e-011
	29	5.17e-026	30.00	-1.03e-012	-1.16e-010	-8.15e-012	-300.00
21	30	1.77e-014	37.50	-6.46e-027	-3.64e-012	0.00	468.75
	33	-1.77e-014	-1.36e-012	6.46e-027	3.64e-012	0.00	-2.91e-011
22	22	1.32e-013	904.47	0.00	1503.53	-1.29e-026	63115.33
	30	-1.32e-013	551.53	0.00	-1503.53	-9.69e-027	-13703.98
23	29	8.83e-016	1212.62	3.16e-030	-666.97	-4.04e-028	71165.93
	22	-8.83e-016	1387.38	-3.16e-030	666.97	-1.62e-027	-114854.09
24	31	1.77e-014	0.00	1.29e-026	3.64e-012	2.07e-025	6.55e-011
	29	-1.77e-014	37.50	-1.29e-026	-3.64e-012	2.07e-025	-468.75
25	28	-1.77e-014	37.50	-6.46e-027	3.64e-012	0.00	468.75
	34	1.77e-014	0.00	6.46e-027	-3.64e-012	0.00	-7.28e-012
26	25	-1.32e-013	904.47	0.00	-1503.53	-1.29e-026	63115.33
	28	1.32e-013	551.53	0.00	1503.53	-9.69e-027	-13703.98
27	27	-8.83e-016	1212.62	3.16e-030	666.97	-4.04e-028	71165.93
	25	8.83e-016	1387.38	-3.16e-030	-666.97	-1.62e-027	-114854.09
28	32	-1.77e-014	0.00	1.29e-026	-3.64e-012	2.07e-025	-3.64e-012
	27	1.77e-014	37.50	-1.29e-026	3.64e-012	2.07e-025	-468.75
29	8	0.00	-157.57	0.00	10.24	0.00	-3665.71
	17	0.00	-6.37e-012	0.00	0.00	0.00	1.46e-010
31	6	0.00	-333.38	0.00	39.37	0.00	-5211.77
	3	0.00	-333.38	0.00	39.37	0.00	5211.77
32	20	0.00	-1.46e-011	0.00	1.14e-013	0.00	0.00
	10	0.00	-157.57	0.00	10.24	0.00	3665.71
33	2	0.00	-232.22	0.00	413.27	0.00	-5379.58
	16	0.00	-2.55e-011	0.00	0.00	0.00	2.04e-010
34	5	0.00	-550.94	0.00	1626.04	0.00	-14758.99
	2	0.00	-550.94	0.00	1626.04	0.00	14758.99
35	19	0.00	3.64e-012	0.00	0.00	0.00	-1.16e-010
	5	0.00	-232.22	0.00	413.27	0.00	5379.58
36	7	0.00	-259.55	0.00	-1591.43	0.00	-6003.65
	15	0.00	7.28e-012	0.00	0.00	0.00	-1.16e-010
38	4	0.00	-611.13	0.00	-6119.39	0.00	-16260.20
	1	0.00	-611.13	0.00	-6119.39	0.00	16260.20
40	18	0.00	-2.18e-011	0.00	0.00	0.00	-1.46e-010
	9	0.00	-259.55	0.00	-1591.43	0.00	6003.65
41	10	0.00	-157.13	0.00	670.57	0.00	-3927.19
	13	0.00	2.00e-012	0.00	0.00	0.00	6.05e-011
42	5	0.00	-853.25	0.00	4265.81	0.00	-66220.53
	10	0.00	-248.45	0.00	-123.98	0.00	-4258.42
43	9	0.00	-370.45	0.00	4308.39	0.00	12937.31
	5	0.00	-655.44	0.00	3582.41	0.00	41775.88
44	11	0.00	7.28e-012	0.00	7.28e-012	0.00	-6.40e-010
	9	0.00	-316.49	0.00	915.59	0.00	8347.86
45	8	0.00	-157.13	0.00	-670.57	0.00	-3927.19
	14	0.00	1.36e-011	0.00	0.00	0.00	1.77e-010
46	2	0.00	-853.25	0.00	-4265.81	0.00	-66220.53
	8	0.00	-248.45	0.00	123.98	0.00	-4258.42
47	7	0.00	-370.45	0.00	-4308.39	0.00	12937.31
	2	0.00	-655.44	0.00	-3582.41	0.00	41775.88
48	12	0.00	-5.46e-012	0.00	-7.28e-012	0.00	-7.28e-010
	7	0.00	-316.49	0.00	-915.59	0.00	8347.86

SFORZI "peso proprio"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	4936.14	474.22	-96.92	6.12e-012	4865.63	55865.53
	24	-3678.14	-474.22	96.92	-6.12e-012	35839.14	143307.56

4	4	4938.14	474.22	96.92	6.12e-012	-4865.63	55865.53
	21	-3678.14	-474.22	-96.92	-6.12e-012	-35839.14	143307.56
5	6	3585.60	-97.64	120.97	6.12e-012	-9453.90	-14974.39
	23	-2325.60	97.64	-120.97	-6.12e-012	-41352.12	-26032.79
6	3	3585.60	-97.64	-120.97	6.12e-012	9453.90	-14974.39
	26	-2325.60	97.64	120.97	-6.12e-012	41352.12	-26032.79
7	5	6603.51	-376.59	70.44	6.12e-012	-5218.10	-52783.79
	22	-5343.51	376.59	-70.44	-6.12e-012	-24367.13	-105382.12
8	2	6603.51	-376.59	-70.44	6.12e-012	5218.10	-52783.79
	25	-5343.51	376.59	70.44	-6.12e-012	24367.13	-105382.12
9	28	1.03e-025	104.50	-4.37e-013	1.46e-011	-3.33e-011	1045.00
	37	-1.03e-025	1.00e-011	4.37e-013	-1.46e-011	4.20e-011	1.46e-010
11	23	6.46e-027	966.62	3.48e-029	9.09e-013	-1.35e-012	48643.42
	26	-6.46e-027	966.63	-3.48e-029	-9.09e-013	1.35e-012	-48643.42
12	40	1.03e-025	9.09e-012	4.37e-013	-2.91e-011	-4.20e-011	8.19e-011
	30	-1.03e-025	104.50	-4.37e-013	2.91e-011	3.33e-011	-1045.00
13	25	-1.55e-025	62.50	-4.37e-013	5.82e-011	-3.33e-011	625.00
	36	1.55e-025	2.64e-011	4.37e-013	-5.82e-011	4.20e-011	-2.04e-010
14	22	1.62e-027	593.75	0.00	-9.09e-012	-1.79e-012	26366.20
	25	-1.62e-027	593.75	0.00	9.09e-012	1.79e-012	-26366.20
15	39	-1.55e-025	4.55e-012	4.37e-013	-5.82e-011	-4.20e-011	6.55e-011
	22	1.55e-025	62.50	-4.37e-013	5.82e-011	3.33e-011	-625.00
16	27	0.00	104.50	-4.37e-013	-2.33e-010	-3.33e-011	1045.00
	35	0.00	2.73e-012	4.37e-013	2.33e-010	4.20e-011	-2.62e-010
18	21	6.46e-027	966.62	3.48e-029	1.46e-011	-1.35e-012	49616.22
	24	-6.46e-027	966.63	-3.48e-029	-1.46e-011	1.35e-012	-49616.22
20	38	0.00	2.55e-011	4.37e-013	1.16e-010	-4.20e-011	-3.09e-011
	29	0.00	104.50	-4.37e-013	-1.16e-010	3.33e-011	-1045.00
21	30	-5.48e-012	130.63	-1.03e-025	-2.91e-011	0.00	1632.81
	33	5.48e-012	-9.09e-013	1.03e-025	2.91e-011	-4.14e-025	-1.02e-010
22	22	2.90e-013	1851.15	-3.03e-028	-548.57	-5.17e-026	129488.17
	30	-2.90e-013	1123.85	3.03e-028	548.57	-5.17e-026	-27665.60
23	29	4.53e-013	2476.39	0.00	825.50	1.62e-027	144940.38
	22	-4.53e-013	2836.11	0.00	-825.50	-6.46e-027	-234870.29
24	31	-5.48e-012	7.28e-012	-2.58e-026	1.46e-011	4.14e-025	1.89e-010
	29	5.48e-012	130.62	2.58e-026	-1.46e-011	-8.27e-025	-1632.81
25	28	5.48e-012	130.63	-1.03e-025	1.46e-011	0.00	1632.81
	34	-5.48e-012	-6.37e-012	1.03e-025	-1.46e-011	-4.14e-025	-2.91e-011
26	25	-2.90e-013	1851.15	-3.03e-028	548.57	-5.17e-026	129488.17
	28	2.90e-013	1123.85	3.03e-028	-548.57	-5.17e-026	-27665.60
27	27	-4.53e-013	2476.39	0.00	-825.50	1.62e-027	144940.38
	25	4.53e-013	2836.11	0.00	825.50	-6.46e-027	-234870.29
28	32	5.48e-012	-1.46e-011	-2.58e-026	-2.91e-011	4.14e-025	-1.16e-010
	27	-5.48e-012	130.63	2.58e-026	2.91e-011	-8.27e-025	-1632.81
29	8	0.00	-603.28	0.00	528.81	0.00	-14024.17
	17	0.00	-3.64e-012	0.00	0.00	0.00	-2.44e-009
31	6	0.00	-1295.88	0.00	2033.37	0.00	-22362.98
	3	0.00	-1295.88	0.00	2033.37	0.00	22362.98
32	20	0.00	-2.55e-011	0.00	0.00	0.00	1.05e-009
	10	0.00	-603.28	0.00	528.81	0.00	14024.17
33	2	0.00	-683.05	0.00	1096.64	0.00	-15871.45
	16	0.00	1.82e-011	0.00	1.46e-011	0.00	-1.98e-009
34	5	0.00	-1537.58	0.00	4314.76	0.00	-32916.32
	2	0.00	-1537.58	0.00	4314.76	0.00	32916.32
35	19	0.00	-3.27e-011	0.00	0.00	0.00	-2.44e-009
	5	0.00	-683.05	0.00	1096.64	0.00	15871.45
36	7	0.00	-802.28	0.00	-4277.18	0.00	-18577.96
	15	0.00	7.28e-011	0.00	0.00	0.00	-2.33e-009
38	4	0.00	-1852.89	0.00	-16446.70	0.00	-45782.40
	1	0.00	-1852.89	0.00	-16446.70	0.00	45782.40
40	18	0.00	-1.89e-010	0.00	5.82e-011	0.00	-3.26e-009

	9	0.00	-802.28	0.00	-4277.18	0.00	18577.96
41	10	0.00	-619.55	0.00	2508.13	0.00	-15620.79
	13	0.00	7.19e-011	0.00	0.00	0.00	1.66e-009
42	5	0.00	-2427.39	0.00	10499.39	0.00	-173181.69
	10	0.00	-1066.88	0.00	3835.99	0.00	3208.58
43	9	0.00	-1329.08	0.00	13703.33	0.00	10126.33
	5	0.00	-1955.49	0.00	11763.57	0.00	125809.30
44	11	0.00	7.28e-012	0.00	0.00	0.00	-2.21e-009
	9	0.00	-953.89	0.00	2940.47	0.00	25015.32
45	8	0.00	-619.55	0.00	-2508.13	0.00	-15620.79
	14	0.00	2.55e-011	0.00	0.00	0.00	-4.37e-010
46	2	0.00	-2427.39	0.00	-10499.39	0.00	-173181.69
	8	0.00	-1066.88	0.00	-3835.99	0.00	3208.58
47	7	0.00	-1329.08	0.00	-13703.33	0.00	10126.33
	2	0.00	-1955.49	0.00	-11763.57	0.00	125809.30
48	12	0.00	2.91e-011	0.00	0.00	0.00	-3.96e-009
	7	0.00	-953.89	0.00	-2940.47	0.00	25015.32

INFORMAZIONI - ANALISI "DINAMICA"

Equazioni..... 99
Semibanda..... 48
Numero blocchi..... 1
Zero algoritmico..... 1.8247e-006
Tempo totale analisi (sec)..... 1.67e-002
Metodo di combinazione modale.... CQC
Smorzamento predefinito..... 5.00e-002
Fattore Rayleigh masse..... 0.00
Fattore Rayleigh rigidezza..... 1.00

ACCELERAZIONI SISMICHE

Vect.	X	Y	Z	Spettro
1	61.26	0.00	0.00	SLDh
2	0.00	61.26	0.00	SLDh
3	185.73	0.00	0.00	SLVh
4	0.00	185.73	0.00	SLVh
5	46.29	0.00	0.00	SLOh
6	0.00	46.29	0.00	SLOh

Masse abilitate secondo: " X Y "

PERIODI PROPRI - ANALISI " DINAMICA"

modo	periodo(sec)
1	0.27
2	0.27
3	0.22

COEFFICIENTI DI PARTECIPAZIONE MODALE - ANALISI " DINAMICA"

Modo	x	y	z
1	-2.68e-013	6.38	0.00
2	6.44	2.66e-013	0.00
3	-8.36e-016	0.91	0.00

MASSA MODALE RELATIVA - ANALISI " DINAMICA"

Modo	x	y	z	s
1	1.73e-027	0.98	0.00	0.49
2	1.00	1.70e-027	0.00	0.50
3	1.68e-032	2.00e-002	0.00	1.00e-002
	1.00	1.00	0.00	1.00

SMORZAMENTO MODALE - ANALISI " DINAMICA"

Modo	Smorzamento
1	5.00e-002
2	5.00e-002
3	5.00e-002

AUTOVETTORE - ANALISI " DINAMICA"

Modo 1						
Nodo	Tx	Ty	Tz	Rx	Ry	Rz

1	0.00	0.00	-2.39e-003	-4.66e-005	-8.70e-006	0.00
2	0.00	0.00	-1.07e-003	-2.71e-005	3.89e-006	0.00
3	0.00	0.00	-2.02e-003	-3.59e-005	6.74e-006	0.00
4	0.00	0.00	2.39e-003	-4.66e-005	8.70e-006	0.00
5	0.00	0.00	1.07e-003	-2.71e-005	-3.89e-006	0.00
6	0.00	0.00	2.02e-003	-3.59e-005	-6.74e-006	0.00
7	0.00	0.00	-2.39e-003	-4.66e-005	-8.70e-006	0.00
8	0.00	0.00	-2.02e-003	-3.59e-005	6.74e-006	0.00
9	0.00	0.00	2.39e-003	-4.66e-005	8.70e-006	0.00
10	0.00	0.00	2.02e-003	-3.59e-005	-6.74e-006	0.00
11	0.00	0.00	3.04e-003	-4.62e-005	8.26e-006	0.00
12	0.00	0.00	-3.04e-003	-4.62e-005	-8.26e-006	0.00
13	0.00	0.00	2.52e-003	-3.56e-005	-6.37e-006	0.00
14	0.00	0.00	-2.52e-003	-3.56e-005	6.37e-006	0.00
15	0.00	0.00	-4.71e-003	-4.62e-005	-8.65e-006	0.00
16	0.00	0.00	-2.28e-003	-2.68e-005	3.87e-006	0.00
17	0.00	0.00	-3.80e-003	-3.55e-005	6.69e-006	0.00
18	0.00	0.00	4.71e-003	-4.62e-005	8.65e-006	0.00
19	0.00	0.00	2.28e-003	-2.68e-005	-3.87e-006	0.00
20	0.00	0.00	3.80e-003	-3.55e-005	-6.69e-006	0.00
21	-6.47e-015	0.15	3.03e-003	-3.63e-004	-1.57e-005	-6.10e-005
22	-6.47e-015	0.15	1.52e-003	-2.55e-004	-1.61e-005	-6.10e-005
23	-6.47e-015	0.15	2.53e-003	-2.70e-004	-1.59e-005	-6.10e-005
24	-6.47e-015	0.15	-3.03e-003	-3.63e-004	1.57e-005	-6.10e-005
25	-6.47e-015	0.15	-1.52e-003	-2.55e-004	1.61e-005	-6.10e-005
26	-6.47e-015	0.15	-2.53e-003	-2.70e-004	1.59e-005	-6.10e-005
27	-6.47e-015	0.15	-3.03e-003	-3.63e-004	1.57e-005	-6.10e-005
28	-6.47e-015	0.15	-2.53e-003	-2.70e-004	1.59e-005	-6.10e-005
29	-6.47e-015	0.15	3.03e-003	-3.63e-004	-1.57e-005	-6.10e-005
30	-6.47e-015	0.15	2.53e-003	-2.70e-004	-1.59e-005	-6.10e-005
31	-6.47e-015	0.15	4.45e-003	-3.63e-004	-1.57e-005	-6.10e-005
32	-6.47e-015	0.15	-4.45e-003	-3.63e-004	1.57e-005	-6.10e-005
33	-6.47e-015	0.15	4.28e-003	-2.70e-004	-1.59e-005	-6.10e-005
34	-6.47e-015	0.15	-4.28e-003	-2.70e-004	1.59e-005	-6.10e-005
35	-6.47e-015	0.15	-1.21e-002	-3.63e-004	1.57e-005	-6.10e-005
36	-6.47e-015	0.15	-6.61e-003	-2.55e-004	1.61e-005	-6.10e-005
37	-6.47e-015	0.15	-9.28e-003	-2.70e-004	1.59e-005	-6.10e-005
38	-6.47e-015	0.15	1.21e-002	-3.63e-004	-1.57e-005	-6.10e-005
39	-6.47e-015	0.15	6.61e-003	-2.55e-004	-1.61e-005	-6.10e-005
40	-6.47e-015	0.15	9.28e-003	-2.70e-004	-1.59e-005	-6.10e-005
41	-6.47e-015	0.15	0.00	0.00	0.00	-6.10e-005

AUTOVETTORE - ANALISI " DINAMICA"

Modo 2

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	1.11e-003	4.49e-006	2.94e-005	0.00
2	0.00	0.00	7.72e-004	1.81e-006	2.14e-005	0.00
3	0.00	0.00	-2.12e-003	-7.16e-006	3.02e-005	0.00
4	0.00	0.00	1.11e-003	-4.49e-006	2.94e-005	0.00
5	0.00	0.00	7.72e-004	-1.81e-006	2.14e-005	0.00
6	0.00	0.00	-2.12e-003	7.16e-006	3.02e-005	0.00
7	0.00	0.00	1.11e-003	4.49e-006	2.94e-005	0.00
8	0.00	0.00	-2.12e-003	-7.16e-006	3.02e-005	0.00
9	0.00	0.00	1.11e-003	-4.49e-006	2.94e-005	0.00
10	0.00	0.00	-2.12e-003	7.16e-006	3.02e-005	0.00
11	0.00	0.00	2.59e-003	-4.46e-006	2.90e-005	0.00
12	0.00	0.00	2.59e-003	4.46e-006	2.90e-005	0.00
13	0.00	0.00	-3.65e-003	7.10e-006	2.97e-005	0.00
14	0.00	0.00	-3.65e-003	-7.10e-006	2.97e-005	0.00
15	0.00	0.00	1.33e-003	4.35e-006	2.92e-005	0.00
16	0.00	0.00	8.50e-004	1.72e-006	2.12e-005	0.00
17	0.00	0.00	-2.47e-003	-6.90e-006	3.00e-005	0.00
18	0.00	0.00	1.33e-003	-4.35e-006	2.92e-005	0.00
19	0.00	0.00	8.50e-004	-1.72e-006	2.12e-005	0.00
20	0.00	0.00	-2.47e-003	6.90e-006	3.00e-005	0.00
21	0.16	6.40e-015	1.39e-003	-2.31e-007	2.97e-004	-2.50e-018
22	0.16	6.40e-015	1.19e-003	8.56e-007	2.29e-004	-2.50e-018
23	0.16	6.40e-015	-2.81e-003	2.24e-006	2.17e-004	-2.50e-018
24	0.16	6.40e-015	1.39e-003	2.31e-007	2.97e-004	-2.50e-018
25	0.16	6.40e-015	1.19e-003	-8.56e-007	2.29e-004	-2.50e-018
26	0.16	6.40e-015	-2.81e-003	-2.24e-006	2.17e-004	-2.50e-018
27	0.16	6.40e-015	1.39e-003	2.31e-007	2.97e-004	-2.50e-018
28	0.16	6.40e-015	-2.81e-003	-2.24e-006	2.17e-004	-2.50e-018
29	0.16	6.40e-015	1.39e-003	-2.31e-007	2.97e-004	-2.50e-018
30	0.16	6.40e-015	-2.81e-003	2.24e-006	2.17e-004	-2.50e-018
31	0.16	6.40e-015	8.80e-003	-2.31e-007	2.97e-004	-2.50e-018
32	0.16	6.40e-015	8.80e-003	2.31e-007	2.97e-004	-2.50e-018
33	0.16	6.40e-015	-8.24e-003	2.24e-006	2.17e-004	-2.50e-018
34	0.16	6.40e-015	-8.24e-003	-2.24e-006	2.17e-004	-2.50e-018
35	0.16	6.40e-015	1.39e-003	2.31e-007	2.97e-004	-2.50e-018
36	0.16	6.40e-015	1.17e-003	-8.56e-007	2.29e-004	-2.50e-018

37 0.16 6.40e-015 -2.87e-003 -2.24e-006 2.17e-004 -2.50e-018
38 0.16 6.40e-015 1.39e-003 -2.31e-007 2.97e-004 -2.50e-018
39 0.16 6.40e-015 1.17e-003 8.56e-007 2.29e-004 -2.50e-018
40 0.16 6.40e-015 -2.87e-003 2.24e-006 2.17e-004 -2.50e-018
41 0.16 6.40e-015 0.00 0.00 0.00 -2.50e-018

AUTOVETTORE - ANALISI " DINAMICA"

Modo 3

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	1.46e-003	3.48e-005	-4.42e-006	0.00
2	0.00	0.00	-1.00e-003	-1.44e-005	-8.30e-006	0.00
3	0.00	0.00	-1.46e-003	-4.32e-005	-3.63e-006	0.00
4	0.00	0.00	-1.46e-003	3.48e-005	4.42e-006	0.00
5	0.00	0.00	1.00e-003	-1.44e-005	8.30e-006	0.00
6	0.00	0.00	1.46e-003	-4.32e-005	3.63e-006	0.00
7	0.00	0.00	1.46e-003	3.48e-005	-4.42e-006	0.00
8	0.00	0.00	-1.46e-003	-4.32e-005	-3.63e-006	0.00
9	0.00	0.00	-1.46e-003	3.48e-005	4.42e-006	0.00
10	0.00	0.00	1.46e-003	-4.32e-005	3.63e-006	0.00
11	0.00	0.00	-1.41e-003	3.45e-005	4.64e-006	0.00
12	0.00	0.00	1.41e-003	3.45e-005	-4.64e-006	0.00
13	0.00	0.00	1.49e-003	-4.28e-005	3.86e-006	0.00
14	0.00	0.00	-1.49e-003	-4.28e-005	-3.86e-006	0.00
15	0.00	0.00	3.19e-003	3.45e-005	-4.39e-006	0.00
16	0.00	0.00	-1.64e-003	-1.42e-005	-8.24e-006	0.00
17	0.00	0.00	-3.61e-003	-4.29e-005	-3.61e-006	0.00
18	0.00	0.00	-3.19e-003	3.45e-005	4.39e-006	0.00
19	0.00	0.00	1.64e-003	-1.42e-005	8.24e-006	0.00
20	0.00	0.00	3.61e-003	-4.29e-005	3.61e-006	0.00
21	-2.01e-017	2.19e-002	-1.85e-003	2.78e-004	1.11e-004	4.27e-004
22	-2.01e-017	2.19e-002	1.40e-003	-1.14e-004	1.03e-004	4.27e-004
23	-2.01e-017	2.19e-002	1.79e-003	-3.54e-004	8.21e-005	4.27e-004
24	-2.01e-017	2.19e-002	1.85e-003	2.78e-004	-1.11e-004	4.27e-004
25	-2.01e-017	2.19e-002	-1.40e-003	-1.14e-004	-1.03e-004	4.27e-004
26	-2.01e-017	2.19e-002	-1.79e-003	-3.54e-004	-8.21e-005	4.27e-004
27	-2.01e-017	2.19e-002	1.85e-003	2.78e-004	-1.11e-004	4.27e-004
28	-2.01e-017	2.19e-002	-1.79e-003	-3.54e-004	-8.21e-005	4.27e-004
29	-2.01e-017	2.19e-002	-1.85e-003	2.78e-004	1.11e-004	4.27e-004
30	-2.01e-017	2.19e-002	1.79e-003	-3.54e-004	8.21e-005	4.27e-004
31	-2.01e-017	2.19e-002	-4.57e-004	2.78e-004	1.11e-004	4.27e-004
32	-2.01e-017	2.19e-002	4.57e-004	2.78e-004	-1.11e-004	4.27e-004
33	-2.01e-017	2.19e-002	1.51e-003	-3.54e-004	8.21e-005	4.27e-004
34	-2.01e-017	2.19e-002	-1.51e-003	-3.54e-004	-8.21e-005	4.27e-004
35	-2.01e-017	2.19e-002	8.79e-003	2.78e-004	-1.11e-004	4.27e-004
36	-2.01e-017	2.19e-002	-3.68e-003	-1.14e-004	-1.03e-004	4.27e-004
37	-2.01e-017	2.19e-002	-1.06e-002	-3.54e-004	-8.21e-005	4.27e-004
38	-2.01e-017	2.19e-002	-8.79e-003	2.78e-004	1.11e-004	4.27e-004
39	-2.01e-017	2.19e-002	3.68e-003	-1.14e-004	1.03e-004	4.27e-004
40	-2.01e-017	2.19e-002	1.06e-002	-3.54e-004	8.21e-005	4.27e-004
41	-2.01e-017	2.19e-002	0.00	0.00	0.00	4.27e-004

SPOSTAMENTI NODALI "Dinamica SLDh X"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	1.59e-003	6.44e-006	4.21e-005	0.00
2	0.00	0.00	1.11e-003	2.59e-006	3.06e-005	0.00
3	0.00	0.00	-3.04e-003	-1.03e-005	4.32e-005	0.00
4	0.00	0.00	1.59e-003	-6.44e-006	4.21e-005	0.00
5	0.00	0.00	1.11e-003	-2.59e-006	3.06e-005	0.00
6	0.00	0.00	-3.04e-003	1.03e-005	4.32e-005	0.00
7	0.00	0.00	1.62e-003	6.44e-006	4.21e-005	0.00
8	0.00	0.00	-3.09e-003	-1.03e-005	4.32e-005	0.00
9	0.00	0.00	1.62e-003	-6.44e-006	4.21e-005	0.00
10	0.00	0.00	-3.09e-003	1.03e-005	4.32e-005	0.00
11	0.00	0.00	3.71e-003	-6.38e-006	4.16e-005	0.00
12	0.00	0.00	3.71e-003	6.38e-006	4.16e-005	0.00
13	0.00	0.00	-5.23e-003	1.02e-005	4.25e-005	0.00
14	0.00	0.00	-5.23e-003	-1.02e-005	4.25e-005	0.00
15	0.00	0.00	1.91e-003	6.24e-006	4.18e-005	0.00
16	0.00	0.00	1.22e-003	2.46e-006	3.04e-005	0.00
17	0.00	0.00	-3.54e-003	-9.89e-006	4.29e-005	0.00
18	0.00	0.00	1.91e-003	-6.24e-006	4.18e-005	0.00
19	0.00	0.00	1.22e-003	-2.46e-006	3.04e-005	0.00
20	0.00	0.00	-3.54e-003	9.89e-006	4.29e-005	0.00
21	0.22	-3.54e-016	1.99e-003	-3.31e-007	4.25e-004	1.50e-019
22	0.22	-2.91e-016	1.70e-003	1.23e-006	3.29e-004	1.50e-019
23	0.22	-2.58e-016	-4.03e-003	3.21e-006	3.10e-004	1.50e-019
24	0.22	-3.54e-016	1.99e-003	3.31e-007	4.25e-004	1.50e-019
25	0.22	-2.91e-016	1.70e-003	-1.23e-006	3.29e-004	1.50e-019
26	0.22	-2.58e-016	-4.03e-003	-3.21e-006	3.10e-004	1.50e-019

27 0.22 -3.54e-016 1.99e-003 3.31e-007 4.25e-004 1.50e-019
 28 0.22 -2.58e-016 -4.04e-003 -3.21e-006 3.10e-004 1.50e-019
 29 0.22 -3.54e-016 1.99e-003 -3.31e-007 4.25e-004 1.50e-019
 30 0.22 -2.58e-016 -4.04e-003 3.21e-006 3.10e-004 1.50e-019
 31 0.22 -3.57e-016 1.26e-002 -3.31e-007 4.25e-004 1.50e-019
 32 0.22 -3.57e-016 1.26e-002 3.31e-007 4.25e-004 1.50e-019
 33 0.22 -2.55e-016 -1.18e-002 3.21e-006 3.10e-004 1.50e-019
 34 0.22 -2.55e-016 -1.18e-002 -3.21e-006 3.10e-004 1.50e-019
 35 0.22 -3.54e-016 2.00e-003 3.31e-007 4.25e-004 1.50e-019
 36 0.22 -2.91e-016 1.67e-003 -1.23e-006 3.29e-004 1.50e-019
 37 0.22 -2.58e-016 -4.11e-003 -3.21e-006 3.10e-004 1.50e-019
 38 0.22 -3.54e-016 2.00e-003 -3.31e-007 4.25e-004 1.50e-019
 39 0.22 -2.91e-016 1.67e-003 1.23e-006 3.29e-004 1.50e-019
 40 0.22 -2.58e-016 -4.11e-003 3.21e-006 3.10e-004 1.50e-019
 41 0.22 -3.04e-016 0.00 0.00 0.00 1.50e-019

SPOSTAMENTI NODALI "Dinamica SLDh Y"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	-3.40e-003	-6.61e-005	-1.24e-005	0.00
2	0.00	0.00	-1.54e-003	-3.86e-005	5.58e-006	0.00
3	0.00	0.00	-2.89e-003	-5.17e-005	9.56e-006	0.00
4	0.00	0.00	3.40e-003	-6.61e-005	1.24e-005	0.00
5	0.00	0.00	1.54e-003	-3.86e-005	-5.58e-006	0.00
6	0.00	0.00	2.89e-003	-5.17e-005	-9.56e-006	0.00
7	0.00	0.00	-3.73e-003	-6.61e-005	-1.24e-005	0.00
8	0.00	0.00	-3.15e-003	-5.17e-005	9.56e-006	0.00
9	0.00	0.00	3.73e-003	-6.61e-005	1.24e-005	0.00
10	0.00	0.00	3.15e-003	-5.17e-005	-9.56e-006	0.00
11	0.00	0.00	4.32e-003	-6.56e-005	1.18e-005	0.00
12	0.00	0.00	-4.32e-003	-6.56e-005	-1.18e-005	0.00
13	0.00	0.00	3.60e-003	-5.13e-005	-9.05e-006	0.00
14	0.00	0.00	-3.60e-003	-5.13e-005	9.05e-006	0.00
15	0.00	0.00	-6.68e-003	-6.55e-005	-1.23e-005	0.00
16	0.00	0.00	-3.27e-003	-3.83e-005	5.54e-006	0.00
17	0.00	0.00	-5.46e-003	-5.12e-005	9.50e-006	0.00
18	0.00	0.00	6.68e-003	-6.55e-005	1.23e-005	0.00
19	0.00	0.00	3.27e-003	-3.83e-005	-5.54e-006	0.00
20	0.00	0.00	5.46e-003	-5.12e-005	-9.50e-006	0.00
21	-1.89e-002	0.25	4.30e-003	-5.15e-004	-2.63e-005	-1.02e-004
22	-1.94e-002	0.21	2.18e-003	-3.63e-004	-2.62e-005	-1.02e-004
23	-1.89e-002	0.19	3.62e-003	-3.90e-004	-2.47e-005	-1.02e-004
24	1.89e-002	0.25	-4.30e-003	-5.15e-004	2.63e-005	-1.02e-004
25	1.94e-002	0.21	-2.18e-003	-3.63e-004	2.62e-005	-1.02e-004
26	1.89e-002	0.19	-3.62e-003	-3.90e-004	2.47e-005	-1.02e-004
27	1.99e-002	0.25	-6.87e-003	-5.15e-004	2.63e-005	-1.02e-004
28	1.99e-002	0.19	-5.57e-003	-3.90e-004	2.47e-005	-1.02e-004
29	-1.99e-002	0.25	6.87e-003	-5.15e-004	-2.63e-005	-1.02e-004
30	-1.99e-002	0.19	5.57e-003	-3.90e-004	-2.47e-005	-1.02e-004
31	-1.94e-002	0.25	6.32e-003	-5.15e-004	-2.63e-005	-1.02e-004
32	1.94e-002	0.25	-6.32e-003	-5.15e-004	2.63e-005	-1.02e-004
33	-1.94e-002	0.19	6.10e-003	-3.90e-004	-2.47e-005	-1.02e-004
34	1.94e-002	0.19	-6.10e-003	-3.90e-004	2.47e-005	-1.02e-004
35	2.14e-002	0.25	-1.72e-002	-5.15e-004	2.63e-005	-1.02e-004
36	2.14e-002	0.21	-9.44e-003	-3.63e-004	2.62e-005	-1.02e-004
37	2.14e-002	0.19	-1.34e-002	-3.90e-004	2.47e-005	-1.02e-004
38	-2.14e-002	0.25	1.72e-002	-5.15e-004	-2.63e-005	-1.02e-004
39	-2.14e-002	0.21	9.44e-003	-3.63e-004	-2.62e-005	-1.02e-004
40	-2.14e-002	0.19	1.34e-002	-3.90e-004	-2.47e-005	-1.02e-004
41	-3.04e-016	0.22	0.00	0.00	0.00	-1.02e-004

SPOSTAMENTI NODALI "Dinamica SLVh X"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	2.18e-003	8.82e-006	5.77e-005	0.00
2	0.00	0.00	1.52e-003	3.55e-006	4.20e-005	0.00
3	0.00	0.00	-4.17e-003	-1.41e-005	5.92e-005	0.00
4	0.00	0.00	2.18e-003	-8.82e-006	5.77e-005	0.00
5	0.00	0.00	1.52e-003	-3.55e-006	4.20e-005	0.00
6	0.00	0.00	-4.17e-003	1.41e-005	5.92e-005	0.00
7	0.00	0.00	2.23e-003	8.82e-006	5.77e-005	0.00
8	0.00	0.00	-4.24e-003	-1.41e-005	5.92e-005	0.00
9	0.00	0.00	2.23e-003	-8.82e-006	5.77e-005	0.00
10	0.00	0.00	-4.24e-003	1.41e-005	5.92e-005	0.00
11	0.00	0.00	5.09e-003	-8.75e-006	5.70e-005	0.00
12	0.00	0.00	5.09e-003	8.75e-006	5.70e-005	0.00
13	0.00	0.00	-7.16e-003	1.40e-005	5.83e-005	0.00
14	0.00	0.00	-7.16e-003	-1.40e-005	5.83e-005	0.00
15	0.00	0.00	2.61e-003	8.55e-006	5.73e-005	0.00
16	0.00	0.00	1.67e-003	3.37e-006	4.17e-005	0.00
17	0.00	0.00	-4.85e-003	-1.36e-005	5.88e-005	0.00

18	0.00	0.00	2.61e-003	-8.55e-006	5.73e-005	0.00
19	0.00	0.00	1.67e-003	-3.37e-006	4.17e-005	0.00
20	0.00	0.00	-4.85e-003	1.36e-005	5.88e-005	0.00
21	0.30	-4.86e-016	2.72e-003	-4.54e-007	5.82e-004	2.06e-019
22	0.30	-3.99e-016	2.33e-003	1.68e-006	4.51e-004	2.06e-019
23	0.30	-3.54e-016	-5.52e-003	4.40e-006	4.25e-004	2.06e-019
24	0.30	-4.86e-016	2.72e-003	4.54e-007	5.82e-004	2.06e-019
25	0.30	-3.99e-016	2.33e-003	-1.68e-006	4.51e-004	2.06e-019
26	0.30	-3.54e-016	-5.52e-003	-4.40e-006	4.25e-004	2.06e-019
27	0.30	-4.86e-016	2.73e-003	4.54e-007	5.82e-004	2.06e-019
28	0.30	-3.54e-016	-5.54e-003	-4.40e-006	4.25e-004	2.06e-019
29	0.30	-4.86e-016	2.73e-003	-4.54e-007	5.82e-004	2.06e-019
30	0.30	-3.54e-016	-5.54e-003	4.40e-006	4.25e-004	2.06e-019
31	0.30	-4.90e-016	1.73e-002	-4.54e-007	5.82e-004	2.06e-019
32	0.30	-4.90e-016	1.73e-002	4.54e-007	5.82e-004	2.06e-019
33	0.30	-3.50e-016	-1.62e-002	4.40e-006	4.25e-004	2.06e-019
34	0.30	-3.50e-016	-1.62e-002	-4.40e-006	4.25e-004	2.06e-019
35	0.30	-4.86e-016	2.74e-003	4.54e-007	5.82e-004	2.06e-019
36	0.30	-3.99e-016	2.29e-003	-1.68e-006	4.51e-004	2.06e-019
37	0.30	-3.54e-016	-5.63e-003	-4.40e-006	4.25e-004	2.06e-019
38	0.30	-4.86e-016	2.74e-003	-4.54e-007	5.82e-004	2.06e-019
39	0.30	-3.99e-016	2.29e-003	1.68e-006	4.51e-004	2.06e-019
40	0.30	-3.54e-016	-5.63e-003	4.40e-006	4.25e-004	2.06e-019
41	0.30	-4.16e-016	0.00	0.00	0.00	2.06e-019

SPOSTAMENTI NODALI "Dinamica SLVh Y"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	-4.65e-003	-9.07e-005	-1.70e-005	0.00
2	0.00	0.00	-2.11e-003	-5.30e-005	7.65e-006	0.00
3	0.00	0.00	-3.96e-003	-7.09e-005	1.31e-005	0.00
4	0.00	0.00	4.65e-003	-9.07e-005	1.70e-005	0.00
5	0.00	0.00	2.11e-003	-5.30e-005	-7.65e-006	0.00
6	0.00	0.00	3.96e-003	-7.09e-005	-1.31e-005	0.00
7	0.00	0.00	-5.11e-003	-9.07e-005	-1.70e-005	0.00
8	0.00	0.00	-4.32e-003	-7.09e-005	1.31e-005	0.00
9	0.00	0.00	5.11e-003	-9.07e-005	1.70e-005	0.00
10	0.00	0.00	4.32e-003	-7.09e-005	-1.31e-005	0.00
11	0.00	0.00	5.92e-003	-8.99e-005	1.62e-005	0.00
12	0.00	0.00	-5.92e-003	-8.99e-005	-1.62e-005	0.00
13	0.00	0.00	4.94e-003	-7.03e-005	-1.24e-005	0.00
14	0.00	0.00	-4.94e-003	-7.03e-005	1.24e-005	0.00
15	0.00	0.00	-9.16e-003	-8.98e-005	-1.69e-005	0.00
16	0.00	0.00	-4.48e-003	-5.26e-005	7.60e-006	0.00
17	0.00	0.00	-7.48e-003	-7.01e-005	1.30e-005	0.00
18	0.00	0.00	9.16e-003	-8.98e-005	1.69e-005	0.00
19	0.00	0.00	4.48e-003	-5.26e-005	-7.60e-006	0.00
20	0.00	0.00	7.48e-003	-7.01e-005	-1.30e-005	0.00
21	-2.58e-002	0.35	5.89e-003	-7.05e-004	-3.60e-005	-1.40e-004
22	-2.65e-002	0.29	2.99e-003	-4.98e-004	-3.60e-005	-1.40e-004
23	-2.58e-002	0.26	4.97e-003	-5.34e-004	-3.39e-005	-1.40e-004
24	2.58e-002	0.35	-5.89e-003	-7.05e-004	3.60e-005	-1.40e-004
25	2.65e-002	0.29	-2.99e-003	-4.98e-004	3.60e-005	-1.40e-004
26	2.58e-002	0.26	-4.97e-003	-5.34e-004	3.39e-005	-1.40e-004
27	2.72e-002	0.35	-9.42e-003	-7.05e-004	3.60e-005	-1.40e-004
28	2.72e-002	0.26	-7.64e-003	-5.34e-004	3.39e-005	-1.40e-004
29	-2.72e-002	0.35	9.42e-003	-7.05e-004	-3.60e-005	-1.40e-004
30	-2.72e-002	0.26	7.64e-003	-5.34e-004	-3.39e-005	-1.40e-004
31	-2.65e-002	0.35	8.67e-003	-7.05e-004	-3.60e-005	-1.40e-004
32	2.65e-002	0.35	-8.67e-003	-7.05e-004	3.60e-005	-1.40e-004
33	-2.65e-002	0.26	8.36e-003	-5.34e-004	-3.39e-005	-1.40e-004
34	2.65e-002	0.26	-8.36e-003	-5.34e-004	3.39e-005	-1.40e-004
35	2.93e-002	0.35	-2.35e-002	-7.05e-004	3.60e-005	-1.40e-004
36	2.93e-002	0.29	-1.29e-002	-4.98e-004	3.60e-005	-1.40e-004
37	2.93e-002	0.26	-1.83e-002	-5.34e-004	3.39e-005	-1.40e-004
38	-2.93e-002	0.35	2.35e-002	-7.05e-004	-3.60e-005	-1.40e-004
39	-2.93e-002	0.29	1.29e-002	-4.98e-004	-3.60e-005	-1.40e-004
40	-2.93e-002	0.26	1.83e-002	-5.34e-004	-3.39e-005	-1.40e-004
41	-4.16e-016	0.30	0.00	0.00	0.00	-1.40e-004

SPOSTAMENTI NODALI "Dinamica SLOh X"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	1.84e-003	7.44e-006	4.86e-005	0.00
2	0.00	0.00	1.28e-003	2.99e-006	3.54e-005	0.00
3	0.00	0.00	-3.51e-003	-1.19e-005	4.99e-005	0.00
4	0.00	0.00	1.84e-003	-7.44e-006	4.86e-005	0.00
5	0.00	0.00	1.28e-003	-2.99e-006	3.54e-005	0.00
6	0.00	0.00	-3.51e-003	1.19e-005	4.99e-005	0.00
7	0.00	0.00	1.88e-003	7.44e-006	4.86e-005	0.00
8	0.00	0.00	-3.57e-003	-1.19e-005	4.99e-005	0.00

9	0.00	0.00	1.88e-003	-7.44e-006	4.86e-005	0.00
10	0.00	0.00	-3.57e-003	1.19e-005	4.99e-005	0.00
11	0.00	0.00	4.29e-003	-7.37e-006	4.81e-005	0.00
12	0.00	0.00	4.29e-003	7.37e-006	4.81e-005	0.00
13	0.00	0.00	-6.04e-003	1.18e-005	4.91e-005	0.00
14	0.00	0.00	-6.04e-003	-1.18e-005	4.91e-005	0.00
15	0.00	0.00	2.20e-003	7.20e-006	4.83e-005	0.00
16	0.00	0.00	1.41e-003	2.84e-006	3.51e-005	0.00
17	0.00	0.00	-4.09e-003	-1.14e-005	4.96e-005	0.00
18	0.00	0.00	2.20e-003	-7.20e-006	4.83e-005	0.00
19	0.00	0.00	1.41e-003	-2.84e-006	3.51e-005	0.00
20	0.00	0.00	-4.09e-003	1.14e-005	4.96e-005	0.00
21	0.26	-4.09e-016	2.30e-003	-3.83e-007	4.91e-004	1.74e-019
22	0.26	-3.36e-016	1.96e-003	1.42e-006	3.80e-004	1.74e-019
23	0.26	-2.98e-016	-4.65e-003	3.70e-006	3.58e-004	1.74e-019
24	0.26	-4.09e-016	2.30e-003	3.83e-007	4.91e-004	1.74e-019
25	0.26	-3.36e-016	1.96e-003	-1.42e-006	3.80e-004	1.74e-019
26	0.26	-2.98e-016	-4.65e-003	-3.70e-006	3.58e-004	1.74e-019
27	0.26	-4.09e-016	2.30e-003	3.83e-007	4.91e-004	1.74e-019
28	0.26	-2.98e-016	-4.67e-003	-3.70e-006	3.58e-004	1.74e-019
29	0.26	-4.09e-016	2.30e-003	-3.83e-007	4.91e-004	1.74e-019
30	0.26	-2.98e-016	-4.67e-003	3.70e-006	3.58e-004	1.74e-019
31	0.26	-4.13e-016	1.46e-002	-3.83e-007	4.91e-004	1.74e-019
32	0.26	-4.13e-016	1.46e-002	3.83e-007	4.91e-004	1.74e-019
33	0.26	-2.95e-016	-1.36e-002	3.70e-006	3.58e-004	1.74e-019
34	0.26	-2.95e-016	-1.36e-002	-3.70e-006	3.58e-004	1.74e-019
35	0.26	-4.09e-016	2.30e-003	3.83e-007	4.91e-004	1.74e-019
36	0.26	-3.36e-016	1.93e-003	-1.42e-006	3.80e-004	1.74e-019
37	0.26	-2.98e-016	-4.75e-003	-3.70e-006	3.58e-004	1.74e-019
38	0.26	-4.09e-016	2.30e-003	-3.83e-007	4.91e-004	1.74e-019
39	0.26	-3.36e-016	1.93e-003	1.42e-006	3.80e-004	1.74e-019
40	0.26	-2.98e-016	-4.75e-003	3.70e-006	3.58e-004	1.74e-019
41	0.26	-3.51e-016	0.00	0.00	0.00	1.74e-019

SPOSTAMENTI NODALI "Dinamica SLOh Y"

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	-3.92e-003	-7.64e-005	-1.44e-005	0.00
2	0.00	0.00	-1.78e-003	-4.46e-005	6.45e-006	0.00
3	0.00	0.00	-3.34e-003	-5.97e-005	1.10e-005	0.00
4	0.00	0.00	3.92e-003	-7.64e-005	1.44e-005	0.00
5	0.00	0.00	1.78e-003	-4.46e-005	-6.45e-006	0.00
6	0.00	0.00	3.34e-003	-5.97e-005	-1.10e-005	0.00
7	0.00	0.00	-4.30e-003	-7.64e-005	-1.44e-005	0.00
8	0.00	0.00	-3.64e-003	-5.97e-005	1.10e-005	0.00
9	0.00	0.00	4.30e-003	-7.64e-005	1.44e-005	0.00
10	0.00	0.00	3.64e-003	-5.97e-005	-1.10e-005	0.00
11	0.00	0.00	4.99e-003	-7.58e-005	1.36e-005	0.00
12	0.00	0.00	-4.99e-003	-7.58e-005	-1.36e-005	0.00
13	0.00	0.00	4.16e-003	-5.92e-005	-1.04e-005	0.00
14	0.00	0.00	-4.16e-003	-5.92e-005	1.04e-005	0.00
15	0.00	0.00	-7.72e-003	-7.57e-005	-1.43e-005	0.00
16	0.00	0.00	-3.78e-003	-4.43e-005	6.40e-006	0.00
17	0.00	0.00	-6.30e-003	-5.91e-005	1.10e-005	0.00
18	0.00	0.00	7.72e-003	-7.57e-005	1.43e-005	0.00
19	0.00	0.00	3.78e-003	-4.43e-005	-6.40e-006	0.00
20	0.00	0.00	6.30e-003	-5.91e-005	-1.10e-005	0.00
21	-2.18e-002	0.29	4.97e-003	-5.95e-004	-3.04e-005	-1.18e-004
22	-2.24e-002	0.24	2.52e-003	-4.20e-004	-3.03e-005	-1.18e-004
23	-2.18e-002	0.22	4.19e-003	-4.50e-004	-2.85e-005	-1.18e-004
24	2.18e-002	0.29	-4.97e-003	-5.95e-004	3.04e-005	-1.18e-004
25	2.24e-002	0.24	-2.52e-003	-4.20e-004	3.03e-005	-1.18e-004
26	2.18e-002	0.22	-4.19e-003	-4.50e-004	2.85e-005	-1.18e-004
27	2.30e-002	0.29	-7.94e-003	-5.95e-004	3.04e-005	-1.18e-004
28	2.30e-002	0.22	-6.43e-003	-4.50e-004	2.85e-005	-1.18e-004
29	-2.30e-002	0.29	7.94e-003	-5.95e-004	-3.04e-005	-1.18e-004
30	-2.30e-002	0.22	6.43e-003	-4.50e-004	-2.85e-005	-1.18e-004
31	-2.24e-002	0.29	7.31e-003	-5.95e-004	-3.04e-005	-1.18e-004
32	2.24e-002	0.29	-7.31e-003	-5.95e-004	3.04e-005	-1.18e-004
33	-2.24e-002	0.22	7.05e-003	-4.50e-004	-2.85e-005	-1.18e-004
34	2.24e-002	0.22	-7.05e-003	-4.50e-004	2.85e-005	-1.18e-004
35	2.47e-002	0.29	-1.98e-002	-5.95e-004	3.04e-005	-1.18e-004
36	2.47e-002	0.24	-1.09e-002	-4.20e-004	3.03e-005	-1.18e-004
37	2.47e-002	0.22	-1.54e-002	-4.50e-004	2.85e-005	-1.18e-004
38	-2.47e-002	0.29	1.98e-002	-5.95e-004	-3.04e-005	-1.18e-004
39	-2.47e-002	0.24	1.09e-002	-4.20e-004	-3.03e-005	-1.18e-004
40	-2.47e-002	0.22	1.54e-002	-4.50e-004	-2.85e-005	-1.18e-004
41	-3.51e-016	0.25	0.00	0.00	0.00	-1.18e-004

SFORZI "Dinamica SLDh X"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	-374.74	-595.00	-11.98	-1.23e-011	3288.35	-152203.19
	24	374.74	595.00	11.98	1.23e-011	1742.62	-97695.93
4	4	-374.74	-595.00	11.98	-1.23e-011	-3288.35	-152203.19
	21	374.74	595.00	-11.98	1.23e-011	-1742.62	-97695.93
5	6	937.48	-708.98	-23.84	-1.23e-011	5898.91	-167903.01
	23	-937.48	708.98	23.84	1.23e-011	4112.89	-129870.17
6	3	937.48	-708.98	23.84	-1.23e-011	-5898.91	-167903.01
	26	-937.48	708.98	-23.84	1.23e-011	-4112.89	-129870.17
7	5	-562.74	-1238.27	1.37	-1.23e-011	-559.37	-297776.12
	22	562.74	1238.27	-1.37	1.23e-011	-15.86	-222296.89
8	2	-562.74	-1238.27	-1.37	-1.23e-011	559.37	-297776.12
	25	562.74	1238.27	1.37	1.23e-011	15.86	-222296.89
9	28	-6.63e-024	7.39e-013	-1.02e-011	-5.82e-011	1.30e-010	9.55e-012
	37	6.63e-024	-7.39e-013	1.02e-011	5.82e-011	7.50e-011	6.37e-011
11	23	-1.03e-024	-9.54e-013	1.66e-027	-2.07e-011	-7.96e-012	361.90
	26	1.03e-024	9.54e-013	-1.66e-027	2.07e-011	7.96e-012	-361.90
12	40	-6.63e-024	6.82e-013	1.02e-011	5.82e-011	-7.50e-011	-9.95e-013
	30	6.63e-024	-6.82e-013	-1.02e-011	-5.82e-011	-1.30e-010	5.82e-011
13	25	-3.82e-025	4.63e-012	-1.02e-011	-1.75e-010	1.30e-010	5.52e-011
	36	-3.82e-025	-4.63e-012	1.02e-011	1.75e-010	7.50e-011	2.27e-011
14	22	1.55e-025	-8.42e-013	3.40e-027	2.22e-011	-2.92e-011	134.79
	25	-1.55e-025	8.42e-013	-3.40e-027	-2.22e-011	2.92e-011	-134.79
15	39	-3.82e-025	2.73e-012	1.02e-011	5.82e-011	-7.50e-011	3.04e-011
	22	-3.82e-025	-2.73e-012	-1.02e-011	-5.82e-011	-1.30e-010	9.55e-012
16	27	6.62e-024	8.42e-013	-1.02e-011	-2.33e-010	1.30e-010	1.30e-011
	35	-6.62e-024	-8.42e-013	1.02e-011	2.33e-010	7.50e-011	2.57e-011
18	21	0.00	1.25e-012	1.66e-027	-3.75e-011	-7.96e-012	-37.39
	24	0.00	-1.25e-012	-1.66e-027	3.75e-011	7.96e-012	37.39
20	38	6.62e-024	-3.71e-012	1.02e-011	2.33e-010	-7.50e-011	-2.41e-011
	29	-6.62e-024	3.71e-012	-1.02e-011	-2.33e-010	-1.30e-010	-4.29e-011
21	30	1.82e-010	1.09e-011	-1.66e-024	1.82e-012	-7.94e-023	2.18e-010
	33	-1.82e-010	-1.09e-011	1.66e-024	-1.82e-012	-1.32e-023	5.82e-011
22	22	-1.70e-011	-937.48	6.48e-027	-212.61	-8.35e-025	-132624.46
	30	1.70e-011	937.48	-6.48e-027	212.61	-3.31e-024	-129870.17
23	29	-8.38e-012	-374.74	7.27e-027	-93.68	-1.55e-024	-97695.93
	22	8.38e-012	374.74	-7.27e-027	93.68	-2.27e-024	-89672.42
24	31	1.82e-010	3.64e-012	-4.96e-024	1.14e-013	3.97e-023	2.18e-010
	29	-1.82e-010	-3.64e-012	4.96e-024	-1.14e-013	2.65e-023	-1.16e-010
25	28	-1.82e-010	-3.64e-012	-1.66e-024	-4.55e-013	-7.94e-023	-4.00e-011
	34	1.82e-010	3.64e-012	1.66e-024	4.55e-013	-1.32e-023	2.07e-024
26	25	1.70e-011	-937.48	6.48e-027	212.61	-8.35e-025	-132624.46
	28	-1.70e-011	937.48	-6.48e-027	-212.61	-3.31e-024	-129870.17
27	27	8.38e-012	-374.74	7.27e-027	93.68	-1.55e-024	-97695.93
	25	-8.38e-012	374.74	-7.27e-027	-93.68	-2.27e-024	-89672.42
28	32	-1.82e-010	2.39e-025	-4.96e-024	-5.68e-014	3.97e-023	3.64e-011
	27	1.82e-010	-2.39e-025	4.96e-024	5.68e-014	2.65e-023	5.38e-024
29	8	0.00	-313.52	0.00	3387.96	0.00	-7213.02
	17	0.00	-1.64e-011	0.00	-2.91e-011	0.00	4.95e-010
31	6	0.00	-808.06	0.00	13027.45	0.00	-28292.60
	3	0.00	-808.06	0.00	13027.45	0.00	28292.60
32	20	0.00	-5.46e-012	0.00	4.14e-025	0.00	3.20e-010
	10	0.00	-313.52	0.00	3387.96	0.00	7213.02
33	2	0.00	109.85	0.00	2400.46	0.00	2511.32
	16	0.00	5.00e-012	0.00	5.82e-011	0.00	3.64e-011
34	5	0.00	318.70	0.00	9444.73	0.00	14329.25
	2	0.00	318.70	0.00	9444.73	0.00	-14329.25
35	19	0.00	1.03e-024	0.00	-2.91e-011	0.00	7.28e-012
	5	0.00	109.85	0.00	2400.46	0.00	-2511.32
36	7	0.00	166.95	0.00	3299.60	0.00	3856.47
	15	0.00	-6.37e-012	0.00	5.82e-011	0.00	1.16e-010

38	4	0.00	402.55	0.00	12687.71	0.00	11629.49
	1	0.00	402.55	0.00	12687.71	0.00	-11629.49
40	18	0.00	9.09e-012	0.00	-2.91e-011	0.00	3.78e-010
	9	0.00	166.95	0.00	3299.60	0.00	-3856.47
41	10	0.00	-436.98	0.00	892.96	0.00	-11857.66
	13	0.00	-7.28e-012	0.00	7.28e-012	0.00	8.15e-010
42	5	0.00	-1011.79	0.00	-11837.86	0.00	-129568.15
	10	0.00	621.08	0.00	13640.62	0.00	-139629.94
43	9	0.00	-475.08	0.00	-4063.61	0.00	-128295.62
	5	0.00	1145.99	0.00	579.29	0.00	-156362.78
44	11	0.00	6.72e-025	0.00	-7.28e-012	0.00	1.11e-009
	9	0.00	280.31	0.00	-560.12	0.00	-7920.26
45	8	0.00	-436.98	0.00	-892.96	0.00	-11857.66
	14	0.00	-1.09e-011	0.00	7.28e-012	0.00	1.16e-009
46	2	0.00	-1011.79	0.00	11837.86	0.00	-129568.15
	8	0.00	621.08	0.00	-13640.62	0.00	-139629.94
47	7	0.00	-475.08	0.00	4063.61	0.00	-128295.62
	2	0.00	1145.99	0.00	-579.29	0.00	-156362.78
48	12	0.00	1.46e-011	0.00	7.28e-012	0.00	1.16e-009
	7	0.00	280.31	0.00	560.12	0.00	-7920.26

SFORZI "Dinamica SLDh Y"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	857.62	-74.07	-1098.93	8361.57	287550.81	-18164.95
	24	-857.62	74.07	1098.93	-8361.57	174000.52	-12947.16
4	4	-857.62	74.07	-1098.93	8361.57	287550.81	18164.95
	21	857.62	-74.07	1098.93	-8361.57	174000.52	12947.16
5	6	-696.75	58.18	-807.44	8361.57	212331.46	13389.89
	23	696.75	-58.18	807.44	-8361.57	126797.88	11047.21
6	3	696.75	-58.18	-807.44	8361.57	212331.46	-13389.89
	26	-696.75	58.18	807.44	-8361.57	126797.88	-11047.21
7	5	-605.80	107.96	-601.78	8361.57	149495.67	25344.91
	22	605.80	-107.96	601.78	-8361.57	103250.97	19999.76
8	2	605.80	-107.96	-601.78	8361.57	149495.67	-25344.91
	25	-605.80	107.96	601.78	-8361.57	103250.97	-19999.76
9	28	2.33e-010	-1.88e-011	1.46e-011	-7.93e-012	-3.91e-023	-9.83e-011
	37	-2.33e-010	1.88e-011	-1.46e-011	7.93e-012	-1.59e-010	-2.91e-011
11	23	-7.28e-012	-669.83	6.51e-027	-4014.84	-2.46e-011	-123918.94
	26	7.28e-012	669.83	-6.51e-027	4014.84	-2.55e-011	-123918.94
12	40	2.33e-010	-1.52e-011	-3.17e-011	-1.46e-011	1.59e-010	-1.95e-010
	30	-2.33e-010	1.52e-011	3.17e-011	1.46e-011	3.19e-010	-1.22e-010
13	25	5.82e-011	-3.69e-012	1.46e-011	-7.93e-012	5.08e-010	-3.07e-011
	36	-5.82e-011	3.69e-012	-1.46e-011	7.93e-012	-1.59e-010	-7.28e-012
14	22	-1.10e-011	-604.26	-9.49e-014	-4150.25	3.97e-012	-114809.00
	25	1.10e-011	604.26	9.49e-014	4150.25	4.98e-012	-114809.00
15	39	5.82e-011	3.92e-026	-3.17e-011	-7.93e-012	3.47e-025	-8.73e-011
	22	-5.82e-011	-3.92e-026	3.17e-011	7.93e-012	3.91e-023	-1.16e-010
16	27	-1.16e-010	-3.64e-011	1.46e-011	-7.93e-012	-3.91e-023	-2.32e-010
	35	1.16e-010	3.64e-011	-1.46e-011	7.93e-012	-1.59e-010	-2.34e-010
18	21	2.18e-011	-889.57	6.51e-027	-4271.09	-2.46e-011	-164569.65
	24	-2.18e-011	889.57	-6.51e-027	4271.09	-2.55e-011	-164569.65
20	38	-1.16e-010	-7.28e-012	-3.17e-011	-7.93e-012	1.59e-010	-1.56e-010
	29	1.16e-010	7.28e-012	3.17e-011	7.93e-012	3.19e-010	3.49e-010
21	30	-6.27e-025	-2.12e-012	2.91e-011	-1.75e-010	5.08e-010	-8.88e-011
	33	6.27e-025	2.12e-012	-2.91e-011	1.75e-010	4.66e-010	-1.46e-011
22	22	4.17e-025	-53.40	-5.68e-013	4358.81	1.46e-011	-7654.60
	30	-4.17e-025	53.40	5.68e-013	-4358.81	6.09e-011	-7298.86
23	29	1.34e-025	34.84	1.14e-013	-9599.04	-2.55e-011	8704.35
	22	-1.34e-025	-34.84	-1.14e-013	9599.04	-1.46e-011	8713.77
24	31	-6.27e-025	1.85e-012	-8.73e-011	1.16e-010	1.40e-009	5.66e-011

29	6.27e-025	-1.65e-012	8.73e-011	-1.16e-010	1.40e-009	-2.19e-011
25	28 6.27e-025	6.98e-013	2.91e-011	-6.34e-011	5.08e-010	8.27e-011
	34 -6.27e-025	-6.98e-013	-2.91e-011	6.34e-011	4.66e-010	-7.99e-011
26	25 -4.17e-025	53.40	-5.68e-013	4358.81	1.46e-011	7654.60
	28 4.17e-025	-53.40	5.68e-013	-4358.81	6.09e-011	7298.86
27	27 3.97e-012	-34.84	1.14e-013	-9599.04	-2.55e-011	-8704.35
	25 -3.97e-012	34.84	-1.14e-013	9599.04	-1.46e-011	-8713.77
28	32 6.27e-025	-7.04e-012	-8.73e-011	1.16e-010	1.40e-009	-6.17e-011
	27 -6.27e-025	7.04e-012	8.73e-011	-1.16e-010	1.40e-009	-1.02e-010
29	8 0.00	-406.70	0.00	749.68	0.00	-9967.86
	17 0.00	-2.18e-011	0.00	-3.31e-024	0.00	-4.96e-010
31	6 0.00	-705.24	0.00	-14777.54	0.00	-167224.22
	3 0.00	705.24	0.00	14777.54	0.00	-167224.22
32	20 0.00	5.13e-011	0.00	-9.09e-013	0.00	3.49e-010
	10 0.00	406.70	0.00	-749.68	0.00	-9967.86
33	2 0.00	-227.33	0.00	437.52	0.00	-5727.27
	16 0.00	-1.45e-011	0.00	-7.39e-012	0.00	-9.38e-010
34	5 0.00	-697.11	0.00	-8428.39	0.00	-142154.88
	2 0.00	697.11	0.00	8428.39	0.00	-142154.88
35	19 0.00	-3.64e-011	0.00	1.82e-012	0.00	-5.84e-010
	5 0.00	227.33	0.00	-437.52	0.00	-5727.27
36	7 0.00	-491.92	0.00	-974.10	0.00	-12114.90
	15 0.00	-7.39e-012	0.00	-2.91e-011	0.00	-6.98e-010
38	4 0.00	-998.15	0.00	19201.23	0.00	-223445.13
	1 0.00	998.15	0.00	-19201.23	0.00	-223445.13
40	18 0.00	-2.91e-011	0.00	-1.46e-011	0.00	-9.30e-010
	9 0.00	491.92	0.00	974.10	0.00	-12114.90
41	10 0.00	354.69	0.00	-4498.17	0.00	9065.85
	13 0.00	-2.73e-011	0.00	-3.64e-012	0.00	7.06e-011
42	5 0.00	614.60	0.00	3650.13	0.00	33721.54
	10 0.00	639.91	0.00	-23710.80	0.00	-17372.82
43	9 0.00	941.22	0.00	-36994.72	0.00	47648.58
	5 0.00	464.13	0.00	-5105.13	0.00	-23386.66
44	11 0.00	1.09e-011	0.00	-4.14e-025	0.00	9.01e-010
	9 0.00	422.68	0.00	-5756.23	0.00	-10826.59
45	8 0.00	-354.69	0.00	-4498.17	0.00	-9065.85
	14 0.00	-8.17e-012	0.00	-4.14e-025	0.00	7.91e-010
46	2 0.00	-614.60	0.00	3650.13	0.00	-33721.54
	8 0.00	-639.91	0.00	-23710.80	0.00	17372.82
47	7 0.00	-941.22	0.00	-36994.72	0.00	-47648.58
	2 0.00	-464.13	0.00	-5105.13	0.00	23386.66
48	12 0.00	-1.63e-011	0.00	-3.64e-012	0.00	-1.42e-009
	7 0.00	-422.68	0.00	-5756.23	0.00	10826.59

SFORZI "Dinamica SLVh X"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	-513.68	-815.60	-16.42	-1.69e-011	4507.57	-208635.28
	24	513.68	815.60	16.42	1.69e-011	2388.72	-133918.46
4	4	-513.68	-815.60	16.42	-1.69e-011	-4507.57	-208635.28
	21	513.68	815.60	-16.42	1.69e-011	-2388.72	-133918.46
5	6	1285.07	-971.85	-32.68	-1.69e-011	8086.03	-230156.09
	23	-1285.07	971.85	32.68	1.69e-011	5637.82	-178021.89
6	3	1285.07	-971.85	32.68	-1.69e-011	-8086.03	-230156.09
	26	-1285.07	971.85	-32.68	1.69e-011	-5637.82	-178021.89
7	5	-771.39	-1697.38	1.88	-1.69e-011	-766.77	-408182.02
	22	771.39	1697.38	-1.88	1.69e-011	-21.74	-304717.49
8	2	-771.39	-1697.38	-1.88	-1.69e-011	766.77	-408182.02
	25	771.39	1697.38	1.88	1.69e-011	21.74	-304717.49
9	28	-6.62e-024	5.40e-012	-2.23e-010	-1.16e-010	3.44e-010	1.00e-011
	37	6.62e-024	-5.40e-012	2.23e-010	1.16e-010	3.95e-010	6.91e-011

11	23	-8.27e-025	-1.31e-012	2.28e-027	-3.61e-011	-5.80e-011	496.08
	26	8.27e-025	1.31e-012	-2.28e-027	3.61e-011	5.80e-011	-496.08
12	40	-6.62e-024	1.19e-012	2.23e-010	8.27e-025	-3.95e-010	-5.32e-011
	30	6.62e-024	-1.19e-012	-2.23e-010	-8.27e-025	-3.44e-010	1.82e-011
13	25	-6.62e-024	6.82e-012	-2.23e-010	-1.16e-010	3.44e-010	9.27e-011
	36	6.62e-024	-6.82e-012	2.23e-010	1.16e-010	3.95e-010	5.62e-011
14	22	-9.30e-025	-1.15e-012	4.66e-027	3.52e-011	2.93e-011	184.77
	25	9.30e-025	1.15e-012	-4.66e-027	-3.52e-011	-2.93e-011	-184.77
15	39	-6.62e-024	-9.09e-013	2.23e-010	8.27e-025	-3.95e-010	-1.38e-011
	22	6.62e-024	9.09e-013	-2.23e-010	-8.27e-025	-3.44e-010	-3.32e-011
16	27	1.98e-023	-3.75e-012	-2.23e-010	-1.16e-010	3.44e-010	-1.44e-011
	35	-1.98e-023	3.75e-012	2.23e-010	1.16e-010	3.95e-010	-3.14e-011
18	21	-4.16e-025	1.71e-012	2.28e-027	-4.68e-011	-5.80e-011	-51.25
	24	4.16e-025	-1.71e-012	-2.28e-027	4.68e-011	5.80e-011	51.25
20	38	1.98e-023	-9.45e-013	2.23e-010	2.33e-010	-3.95e-010	8.52e-012
	29	-1.98e-023	9.45e-013	-2.23e-010	-2.33e-010	-3.44e-010	-2.74e-011
21	30	2.90e-011	2.18e-011	6.62e-024	1.82e-012	7.94e-023	3.49e-010
	33	-2.90e-011	-2.18e-011	-6.62e-024	-1.82e-012	1.06e-022	1.16e-010
22	22	-5.73e-012	-1285.07	5.17e-026	-291.44	-3.32e-024	-181797.39
	30	5.73e-012	1285.07	-5.17e-026	291.44	7.44e-024	-178021.89
23	29	-1.02e-011	-513.68	8.08e-027	-128.41	-2.07e-024	-133918.46
	22	1.02e-011	513.68	-8.08e-027	128.41	8.27e-025	-122920.10
24	31	2.90e-011	7.28e-012	6.62e-024	1.14e-013	2.65e-023	1.75e-010
	29	-2.90e-011	-7.28e-012	-6.62e-024	-1.14e-013	2.65e-023	-2.33e-010
25	28	-2.90e-011	-3.64e-012	6.62e-024	-9.09e-013	7.94e-023	5.09e-011
	34	2.90e-011	3.64e-012	-6.62e-024	9.09e-013	1.06e-022	2.89e-024
26	25	5.73e-012	-1285.07	5.17e-026	291.44	-3.32e-024	-181797.39
	28	-5.73e-012	1285.07	-5.17e-026	-291.44	7.44e-024	-178021.89
27	27	1.02e-011	-513.68	8.08e-027	128.41	-2.07e-024	-133918.46
	25	-1.02e-011	513.68	-8.08e-027	-128.41	8.27e-025	-122920.10
28	32	-2.90e-011	7.28e-012	6.62e-024	6.46e-027	2.65e-023	-1.46e-011
	27	2.90e-011	-7.28e-012	-6.62e-024	-6.46e-027	2.65e-023	-1.16e-010
29	8	0.00	-429.76	0.00	4644.11	0.00	-9887.38
	17	0.00	1.27e-011	0.00	-5.82e-011	0.00	-4.66e-010
31	6	0.00	-1107.66	0.00	17857.62	0.00	-38782.60
	3	0.00	-1107.66	0.00	17857.62	0.00	38782.60
32	20	0.00	-5.64e-011	0.00	-5.82e-011	0.00	-2.91e-011
	10	0.00	-429.76	0.00	4644.11	0.00	9887.38
33	2	0.00	150.58	0.00	3290.48	0.00	3442.43
	16	0.00	-5.00e-012	0.00	2.91e-011	0.00	5.82e-011
34	5	0.00	436.87	0.00	12946.54	0.00	19642.08
	2	0.00	436.87	0.00	12946.54	0.00	-19642.08
35	19	0.00	1.65e-024	0.00	-5.82e-011	0.00	-9.46e-011
	5	0.00	150.58	0.00	3290.48	0.00	-3442.43
36	7	0.00	228.85	0.00	4522.99	0.00	5286.33
	15	0.00	-2.73e-012	0.00	1.16e-010	0.00	-5.82e-011
38	4	0.00	551.80	0.00	17391.91	0.00	15941.33
	1	0.00	551.80	0.00	17391.91	0.00	-15941.33
40	18	0.00	3.09e-011	0.00	8.27e-025	0.00	7.28e-010
	9	0.00	228.85	0.00	4522.99	0.00	-5286.33
41	10	0.00	-599.00	0.00	1224.04	0.00	-16254.10
	13	0.00	7.28e-012	0.00	1.46e-011	0.00	1.63e-009
42	5	0.00	-1386.94	0.00	-16226.96	0.00	-177607.89
	10	0.00	851.35	0.00	18698.13	0.00	-191400.27
43	9	0.00	-651.22	0.00	-5570.26	0.00	-175863.54
	5	0.00	1570.88	0.00	794.07	0.00	-214337.12
44	11	0.00	7.28e-012	0.00	-7.28e-012	0.00	1.86e-009
	9	0.00	384.25	0.00	-767.80	0.00	-10856.84
45	8	0.00	-599.00	0.00	-1224.04	0.00	-16254.10
	14	0.00	-1.55e-025	0.00	-1.46e-011	0.00	4.66e-010
46	2	0.00	-1386.94	0.00	16226.96	0.00	-177607.89

	8	0.00	851.35	0.00	-18698.13	0.00	-191400.27
47	7	0.00	-651.22	0.00	5570.26	0.00	-175863.54
	2	0.00	1570.88	0.00	-794.07	0.00	-214337.12
48	12	0.00	2.18e-011	0.00	1.46e-011	0.00	1.63e-009
	7	0.00	384.25	0.00	767.80	0.00	-10856.84

SFORZI "Dinamica SLVh Y"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	1175.59	-101.53	-1506.37	11461.78	394165.49	-24899.94
	24	-1175.59	101.53	1506.37	-11461.78	238514.36	-17747.56
4	4	-1175.59	101.53	-1506.37	11461.78	394165.49	24899.94
	21	1175.59	-101.53	1506.37	-11461.78	238514.36	17747.56
5	6	-955.09	79.76	-1106.81	11461.78	291057.20	18354.44
	23	955.09	-79.76	1106.81	-11461.78	173810.49	15143.16
6	3	955.09	-79.76	-1106.81	11461.78	291057.20	-18354.44
	26	-955.09	79.76	1106.81	-11461.78	173810.49	-15143.16
7	5	-830.42	147.99	-824.90	11461.78	204923.90	34742.00
	22	830.42	-147.99	824.90	-11461.78	141533.14	27415.04
8	2	830.42	-147.99	-824.90	11461.78	204923.90	-34742.00
	25	-830.42	147.99	824.90	-11461.78	141533.14	-27415.04
9	28	2.33e-010	-2.96e-011	-3.17e-011	-9.97e-012	-1.32e-023	-3.52e-010
	37	-2.33e-010	2.96e-011	3.17e-011	9.97e-012	2.54e-010	-1.22e-010
11	23	1.67e-011	-918.18	1.47e-027	-5503.41	-3.04e-011	-169864.13
	26	-1.67e-011	918.18	-1.47e-027	5503.41	-3.34e-011	-169864.13
12	40	2.33e-010	-1.48e-011	-3.99e-011	-2.19e-011	3.19e-010	-1.69e-010
	30	-2.33e-010	1.48e-011	3.99e-011	2.19e-011	5.08e-010	-2.91e-011
13	25	4.37e-010	-7.32e-012	-3.17e-011	-7.28e-012	-6.38e-010	-1.17e-010
	36	-4.37e-010	7.32e-012	3.17e-011	7.28e-012	2.54e-010	-1.17e-010
14	22	2.00e-011	-828.30	-1.30e-013	-5689.03	7.93e-012	-157376.51
	25	-2.00e-011	828.30	1.30e-013	5689.03	9.97e-012	-157376.51
15	39	4.37e-010	7.29e-012	-3.99e-011	-1.48e-011	7.65e-024	2.93e-011
	22	-4.37e-010	-7.29e-012	3.99e-011	1.48e-011	1.32e-023	1.16e-010
16	27	4.66e-010	-4.37e-011	-3.17e-011	-7.93e-012	-1.32e-023	-4.07e-010
	35	-4.66e-010	4.37e-011	3.17e-011	7.93e-012	2.54e-010	-4.68e-010
18	21	-7.28e-012	-1219.39	1.47e-027	-5854.68	-3.04e-011	-225586.83
	24	7.28e-012	1219.39	-1.47e-027	5854.68	-3.34e-011	-225586.83
20	38	4.66e-010	-1.46e-011	-3.99e-011	1.27e-011	3.19e-010	-5.01e-010
	29	-4.66e-010	1.46e-011	3.99e-011	-1.27e-011	5.08e-010	-1.46e-011
21	30	7.16e-024	1.41e-012	5.82e-011	-1.22e-010	4.66e-010	-4.50e-011
	33	-7.16e-024	-1.41e-012	-5.82e-011	1.22e-010	-1.40e-009	-3.17e-011
22	22	-1.25e-024	-73.20	6.82e-013	5974.91	-1.16e-010	-10492.69
	30	1.25e-024	73.20	-6.82e-013	-5974.91	-1.45e-010	-10005.04
23	29	-6.35e-025	47.75	-1.99e-013	-13158.05	-4.91e-011	11931.65
	22	6.35e-025	-47.75	1.99e-013	13158.05	-3.64e-011	11944.56
24	31	7.16e-024	-4.99e-012	-1.75e-010	3.49e-010	1.40e-009	1.41e-011
	29	-7.16e-024	4.99e-012	1.75e-010	-3.49e-010	0.00	-8.00e-011
25	28	-7.16e-024	-4.78e-012	5.82e-011	-1.22e-010	4.66e-010	3.89e-011
	34	7.16e-024	4.78e-012	-5.82e-011	1.22e-010	-1.40e-009	-1.45e-010
26	25	1.25e-024	73.20	6.82e-013	5974.91	-1.16e-010	10492.69
	28	-1.25e-024	-73.20	-6.82e-013	-5974.91	-1.45e-010	10005.04
27	27	3.97e-012	-47.75	-1.99e-013	-13158.05	-4.91e-011	-11931.65
	25	-3.97e-012	47.75	1.99e-013	13158.05	-3.64e-011	-11944.56
28	32	-7.16e-024	-8.85e-012	-1.75e-010	1.16e-010	1.40e-009	-5.40e-011
	27	7.16e-024	8.85e-012	1.75e-010	-1.16e-010	0.00	-1.53e-010
29	8	0.00	-557.49	0.00	1027.64	0.00	-13663.63
	17	0.00	2.94e-011	0.00	1.45e-011	0.00	-1.44e-009
31	6	0.00	-966.73	0.00	-20256.58	0.00	-229225.64
	3	0.00	966.73	0.00	20256.58	0.00	-229225.64
32	20	0.00	1.02e-010	0.00	-4.55e-013	0.00	9.30e-010
	10	0.00	557.49	0.00	-1027.64	0.00	-13663.63

33	2	0.00	-311.62	0.00	599.73	0.00	-7850.76
	16	0.00	7.32e-012	0.00	-1.48e-011	0.00	-1.64e-009
34	5	0.00	-955.58	0.00	-11553.36	0.00	-194861.38
	2	0.00	955.58	0.00	11553.36	0.00	-194861.38
35	19	0.00	-2.92e-011	0.00	1.82e-012	0.00	-1.28e-009
	5	0.00	311.62	0.00	-599.73	0.00	-7850.76
36	7	0.00	-674.31	0.00	-1335.27	0.00	-16606.72
	15	0.00	-1.02e-010	0.00	-2.91e-011	0.00	1.46e-010
38	4	0.00	-1368.23	0.00	26320.43	0.00	-306291.47
	1	0.00	1368.23	0.00	-26320.43	0.00	-306291.47
40	18	0.00	-7.27e-011	0.00	-1.45e-011	0.00	-2.33e-009
	9	0.00	674.31	0.00	1335.27	0.00	-16606.72
41	10	0.00	486.19	0.00	-6165.94	0.00	12427.18
	13	0.00	-2.54e-011	0.00	-7.28e-012	0.00	2.48e-010
42	5	0.00	842.47	0.00	5003.48	0.00	46224.42
	10	0.00	877.17	0.00	-32502.00	0.00	-23814.10
43	9	0.00	1290.20	0.00	-50711.18	0.00	65315.16
	5	0.00	636.22	0.00	-6997.95	0.00	-32057.69
44	11	0.00	-1.09e-011	0.00	-5.82e-011	0.00	4.40e-010
	9	0.00	579.40	0.00	-7890.45	0.00	-14840.74
45	8	0.00	-486.19	0.00	-6165.94	0.00	-12427.18
	14	0.00	3.28e-012	0.00	-5.82e-011	0.00	6.43e-010
46	2	0.00	-842.47	0.00	5003.48	0.00	-46224.42
	8	0.00	-877.17	0.00	-32502.00	0.00	23814.10
47	7	0.00	-1290.20	0.00	-50711.18	0.00	-65315.16
	2	0.00	-636.22	0.00	-6997.95	0.00	32057.69
48	12	0.00	-7.72e-012	0.00	-5.82e-011	0.00	-1.92e-009
	7	0.00	-579.40	0.00	-7890.45	0.00	14840.74

SFORZI "Dinamica SLOh X"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	-432.89	-687.34	-13.84	-1.43e-011	3798.67	-175823.53
	24	432.89	687.34	13.84	1.43e-011	2013.05	-112857.31
4	4	-432.89	-687.34	13.84	-1.43e-011	-3798.67	-175823.53
	21	432.89	687.34	-13.84	1.43e-011	-2013.05	-112857.31
5	6	1082.97	-819.01	-27.54	-1.43e-011	6814.35	-193959.80
	23	-1082.97	819.01	27.54	1.43e-011	4751.17	-150024.66
6	3	1082.97	-819.01	27.54	-1.43e-011	-6814.35	-193959.80
	26	-1082.97	819.01	-27.54	1.43e-011	-4751.17	-150024.66
7	5	-650.08	-1430.44	1.58	-1.43e-011	-646.18	-343987.86
	22	650.08	1430.44	-1.58	1.43e-011	-18.32	-256795.04
8	2	-650.08	-1430.44	-1.58	-1.43e-011	646.18	-343987.86
	25	650.08	1430.44	1.58	1.43e-011	18.32	-256795.04
9	28	6.62e-024	7.39e-012	5.23e-011	-2.33e-010	-4.17e-011	2.96e-011
	37	-6.62e-024	-7.39e-012	-5.23e-011	2.33e-010	-1.00e-009	7.46e-011
11	23	-2.07e-025	-1.10e-012	1.92e-027	-2.58e-011	8.50e-013	418.06
	26	2.07e-025	1.10e-012	-1.92e-027	2.58e-011	-8.50e-013	-418.06
12	40	6.62e-024	-1.14e-012	-5.23e-011	6.20e-025	1.00e-009	-4.23e-011
	30	-6.62e-024	1.14e-012	5.23e-011	-6.20e-025	4.17e-011	2.00e-011
13	25	3.31e-024	4.97e-012	5.23e-011	-1.16e-010	-4.17e-011	7.07e-011
	36	-3.31e-024	-4.97e-012	-5.23e-011	1.16e-010	-1.00e-009	2.86e-011
14	22	5.66e-026	-9.72e-013	3.92e-027	2.77e-011	-2.37e-011	155.71
	25	-5.66e-026	9.72e-013	-3.92e-027	-2.77e-011	2.37e-011	-155.71
15	39	3.31e-024	2.50e-012	-5.23e-011	1.16e-010	1.00e-009	2.02e-011
	22	-3.31e-024	-2.50e-012	5.23e-011	-1.16e-010	4.17e-011	4.55e-013
16	27	-1.32e-023	-3.54e-012	5.23e-011	-1.16e-010	-4.17e-011	-1.17e-011
	35	1.32e-023	3.54e-012	-5.23e-011	1.16e-010	-1.00e-009	6.48e-012
18	21	8.27e-025	1.45e-012	1.92e-027	-4.31e-011	8.50e-013	-43.19
	24	-8.27e-025	-1.45e-012	-1.92e-027	4.31e-011	-8.50e-013	43.19
20	38	-1.32e-023	-4.50e-012	-5.23e-011	1.16e-010	1.00e-009	-2.06e-011

29	1.32e-023	4.50e-012	5.23e-011	-1.16e-010	4.17e-011	-5.49e-011
21	30	9.24e-012	3.64e-012	-3.31e-024	2.73e-012	-2.65e-023
	33	-9.24e-012	-3.64e-012	3.31e-024	-2.73e-012	2.65e-023
22	22	1.75e-011	-1082.97	6.46e-027	-245.60	8.26e-025
	30	-1.75e-011	1082.97	-6.46e-027	245.60	-5.79e-024
23	29	-1.12e-011	-432.89	-7.27e-027	-108.22	-3.12e-025
	22	1.12e-011	432.89	7.27e-027	108.22	-2.73e-026
24	31	9.24e-012	1.46e-011	-1.66e-024	5.68e-014	1.32e-023
	29	-9.24e-012	-1.46e-011	1.66e-024	-5.68e-014	-5.29e-023
25	28	-9.24e-012	3.64e-012	-3.31e-024	-9.09e-013	-2.65e-023
	34	9.24e-012	-3.64e-012	3.31e-024	9.09e-013	2.65e-023
26	25	-1.75e-011	-1082.97	6.46e-027	245.60	8.26e-025
	28	1.75e-011	1082.97	-6.46e-027	-245.60	-5.79e-024
27	27	1.12e-011	-432.89	-7.27e-027	108.22	-3.12e-025
	25	-1.12e-011	432.89	7.27e-027	-108.22	-2.73e-026
28	32	-9.24e-012	3.64e-012	-1.66e-024	-5.68e-014	1.32e-023
	27	9.24e-012	-3.64e-012	1.66e-024	5.68e-014	-5.29e-023
29	8	0.00	-362.17	0.00	3913.73	0.00
	17	0.00	2.91e-011	0.00	-5.82e-011	0.00
31	6	0.00	-933.46	0.00	15049.18	0.00
	3	0.00	-933.46	0.00	15049.18	0.00
32	20	0.00	-1.27e-011	0.00	-5.82e-011	0.00
	10	0.00	-362.17	0.00	3913.73	0.00
33	2	0.00	126.90	0.00	2772.99	0.00
	16	0.00	2.27e-012	0.00	4.14e-025	0.00
34	5	0.00	368.16	0.00	10910.46	0.00
	2	0.00	368.16	0.00	10910.46	0.00
35	19	0.00	9.55e-012	0.00	-2.91e-011	0.00
	5	0.00	126.90	0.00	2772.99	0.00
36	7	0.00	192.86	0.00	3811.67	0.00
	15	0.00	-3.64e-012	0.00	5.82e-011	0.00
38	4	0.00	465.02	0.00	14656.71	0.00
	1	0.00	465.02	0.00	14656.71	0.00
40	18	0.00	3.27e-011	0.00	4.14e-025	0.00
	9	0.00	192.86	0.00	3811.67	0.00
41	10	0.00	-504.80	0.00	1031.54	0.00
	13	0.00	-2.18e-011	0.00	7.28e-012	0.00
42	5	0.00	-1168.81	0.00	-13674.97	0.00
	10	0.00	717.46	0.00	15757.50	0.00
43	9	0.00	-548.80	0.00	-4694.24	0.00
	5	0.00	1323.83	0.00	669.19	0.00
44	11	0.00	7.76e-025	0.00	-7.28e-012	0.00
	9	0.00	323.82	0.00	-647.05	0.00
45	8	0.00	-504.80	0.00	-1031.54	0.00
	14	0.00	1.60e-024	0.00	0.00	0.00
46	2	0.00	-1168.81	0.00	13674.97	0.00
	8	0.00	717.46	0.00	-15757.50	0.00
47	7	0.00	-548.80	0.00	4694.24	0.00
	2	0.00	1323.83	0.00	-669.19	0.00
48	12	0.00	2.18e-011	0.00	7.28e-012	0.00
	7	0.00	323.82	0.00	647.05	0.00

SFORZI "Dinamica SLOh Y"

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
3	1	990.71	-85.56	-1269.47	9659.20	332175.69	-20983.96
	24	-990.71	85.56	1269.47	-9659.20	201003.58	-14956.43
4	4	-990.71	85.56	-1269.47	9659.20	332175.69	20983.96
	21	990.71	-85.56	1269.47	-9659.20	201003.58	14956.43
5	6	-804.88	67.21	-932.74	9659.20	245283.08	15467.86
	23	804.88	-67.21	932.74	-9659.20	146475.58	12761.62

6	3	804.88	-67.21	-932.74	9659.20	245283.08	-15467.86
	26	-804.88	67.21	932.74	-9659.20	146475.58	-12761.62
7	5	-699.82	124.72	-695.17	9659.20	172695.83	29278.18
	22	699.82	-124.72	695.17	-9659.20	119274.44	23103.51
8	2	699.82	-124.72	-695.17	9659.20	172695.83	-29278.18
	25	-699.82	124.72	695.17	-9659.20	119274.44	-23103.51
9	28	2.33e-010	-1.11e-011	-3.17e-011	-7.28e-012	-8.61e-024	-8.87e-011
	37	-2.33e-010	1.11e-011	3.17e-011	7.28e-012	-1.16e-010	-2.91e-011
11	23	-1.18e-038	-773.78	-4.22e-027	-4637.90	-2.85e-011	-143149.86
	26	1.18e-038	773.78	4.22e-027	4637.90	-2.65e-011	-143149.86
12	40	2.33e-010	-4.55e-012	-3.17e-011	-1.48e-011	2.54e-010	-1.13e-010
	30	-2.33e-010	4.55e-012	3.17e-011	1.48e-011	5.08e-010	1.18e-010
13	25	4.07e-010	-7.29e-012	-3.17e-011	-1.48e-011	-3.19e-010	-8.73e-011
	36	-4.07e-010	7.29e-012	3.17e-011	1.48e-011	-1.16e-010	-3.64e-012
14	22	-5.46e-012	-698.03	-1.10e-013	-4794.32	-4.98e-012	-132626.15
	25	5.46e-012	698.03	1.10e-013	4794.32	7.93e-012	-132626.15
15	39	4.07e-010	-1.09e-011	-3.17e-011	3.64e-012	-5.07e-023	-5.83e-011
	22	-4.07e-010	1.09e-011	3.17e-011	-3.64e-012	8.61e-024	7.28e-012
16	27	2.33e-010	-2.91e-011	-3.17e-011	-7.28e-012	-8.61e-024	6.34e-011
	35	-2.33e-010	2.91e-011	3.17e-011	7.28e-012	-1.16e-010	1.49e-025
18	21	2.18e-011	-1027.62	-4.22e-027	-4933.92	-2.85e-011	-190109.13
	24	-2.18e-011	1027.62	4.22e-027	4933.92	-2.65e-011	-190109.13
20	38	2.33e-010	7.39e-012	-3.17e-011	-1.59e-011	2.54e-010	-1.78e-010
	29	-2.33e-010	-7.39e-012	3.17e-011	1.59e-011	5.08e-010	2.33e-010
21	30	-1.03e-023	-3.69e-012	-7.97e-011	-1.18e-010	-4.66e-010	-1.36e-010
	33	1.03e-023	3.69e-012	-7.97e-011	1.18e-010	-4.66e-010	-5.85e-011
22	22	2.56e-026	-61.69	-2.27e-013	5035.25	6.09e-011	-8842.52
	30	-2.56e-026	61.69	2.27e-013	-5035.25	-1.16e-010	-8431.56
23	29	-5.15e-025	40.24	1.42e-013	-11088.71	-3.64e-012	10055.17
	22	5.15e-025	-40.24	-1.42e-013	11088.71	2.91e-011	10066.05
24	31	-1.03e-023	4.55e-013	2.91e-011	1.16e-010	-4.66e-010	-4.18e-011
	29	1.03e-023	-4.55e-013	-2.91e-011	-1.16e-010	-4.66e-010	-6.55e-011
25	28	1.03e-023	-4.55e-012	-7.97e-011	-1.18e-010	-4.66e-010	9.15e-011
	34	-1.03e-023	4.55e-012	7.97e-011	1.18e-010	-4.66e-010	-1.02e-010
26	25	-2.56e-026	61.69	-2.27e-013	5035.25	6.09e-011	8842.52
	28	2.56e-026	-61.69	2.27e-013	-5035.25	-1.16e-010	8431.56
27	27	4.98e-012	-40.24	1.42e-013	-11088.71	-3.64e-012	-10055.17
	25	-4.98e-012	40.24	-1.42e-013	11088.71	2.91e-011	-10066.05
28	32	1.03e-023	-8.40e-012	2.91e-011	-7.28e-012	-4.66e-010	-9.38e-011
	27	-1.03e-023	8.40e-012	-2.91e-011	7.28e-012	-4.66e-010	-1.74e-010
29	8	0.00	-469.81	0.00	866.03	0.00	-11514.77
	17	0.00	2.28e-011	0.00	7.28e-012	0.00	-7.73e-010
31	6	0.00	-814.69	0.00	-17070.86	0.00	-193175.67
	3	0.00	814.69	0.00	17070.86	0.00	-193175.67
32	20	0.00	8.79e-011	0.00	-4.55e-013	0.00	1.51e-009
	10	0.00	469.81	0.00	-866.03	0.00	-11514.77
33	2	0.00	-262.61	0.00	505.41	0.00	-6616.08
	16	0.00	7.84e-012	0.00	-1.46e-011	0.00	-9.36e-010
34	5	0.00	-805.30	0.00	-9736.38	0.00	-164215.83
	2	0.00	805.30	0.00	9736.38	0.00	-164215.83
35	19	0.00	-4.36e-011	0.00	1.82e-012	0.00	-4.65e-010
	5	0.00	262.61	0.00	-505.41	0.00	-6616.08
36	7	0.00	-568.27	0.00	-1125.28	0.00	-13995.00
	15	0.00	-7.28e-011	0.00	-1.46e-011	0.00	-6.97e-010
38	4	0.00	-1153.05	0.00	22181.06	0.00	-258121.48
	1	0.00	1153.05	0.00	-22181.06	0.00	-258121.48
40	18	0.00	-2.91e-011	0.00	-1.45e-011	0.00	-1.17e-009
	9	0.00	568.27	0.00	1125.28	0.00	-13995.00
41	10	0.00	409.73	0.00	-5196.23	0.00	10472.78
	13	0.00	-3.19e-011	0.00	4.14e-025	0.00	-7.00e-011
42	5	0.00	709.97	0.00	4216.59	0.00	38954.77

	10	0.00	739.22	0.00	-27390.46	0.00	-20068.90
43	9	0.00	1087.29	0.00	-42735.91	0.00	55043.14
	5	0.00	536.16	0.00	-5897.39	0.00	-27016.03
44	11	0.00	-2.01e-011	0.00	-3.64e-012	0.00	9.01e-010
	9	0.00	488.28	0.00	-6649.53	0.00	-12506.76
45	8	0.00	-409.73	0.00	-5196.23	0.00	-10472.78
	14	0.00	1.98e-012	0.00	5.82e-011	0.00	8.46e-010
46	2	0.00	-709.97	0.00	4216.59	0.00	-38954.77
	8	0.00	-739.22	0.00	-27390.46	0.00	20068.90
47	7	0.00	-1087.29	0.00	-42735.91	0.00	-55043.14
	2	0.00	-536.16	0.00	-5897.39	0.00	27016.03
48	12	0.00	-9.15e-012	0.00	-5.82e-011	0.00	-1.51e-009
	7	0.00	-488.28	0.00	-6649.53	0.00	12506.76

Barletta - impianto sportivo Manzi Chiapulin - fabbricato servizi igienici spettatori ospiti

EasyBeam EWS 39 (19.05.2014) build 5644

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Parametri di progetto

Normativa

Normativa di riferimento DM 2008 - Zona sismica - Bassa Duttilità

Unità di misura

Lunghezza cm
Forza kg
Pressione kg/cm2

Metodo di progetto

Metodo Stati limite

Fattori sicurezza parziale

Calcestruzzo 1.5
Acciaio 1.15

Legami costitutivi

Asse parabola calcestruzzo (x1000) 2
Fattore di riduzione addizionale 0.85
Deformazione ultima calcestruzzo (x1000) 3.5
Deformazione ultima acciaio (x1000) 10
Incremento resistenza acciaio 0

Opzioni di progetto

Considerata l'eccentricità accidentale sui pilastri NO
Considerata la traslazione del diagramma dei momenti SI

Armatura longitudinale

Lunghezza massima barre cm 1200
Massima distanza barre cm 1000
Diametri minimi di ancoraggio 20

Progetto antisismico

Gerarchia delle resistenze SI
Fattore di sicurezza per la gerarchia delle resistenze 1.1
Progetto per taglio dovuto ad azione sismica SI
Progetto per duttilità dei pilastri-parete SI

Minimi e massimi per le travi

Armatura minima tesa F1.40000
Armatura massima tesa F3.50000
Armatura minima totale 0.000
Armatura massima totale
Moltiplicatore di continuità dell'armatura in zona critica 0
Rapporto di bilanciamento di armatura 0.5
Lunghezza zona critica H

Minimi e massimi per i pilastri

Armatura minima totale 0.010
Armatura massima totale 0.040

Minimi e massimi per travi di fondazione

Armatura minima totale 0.002

Modalità staffatura

Staffe filo pilastro SI
Passo massimo nelle travi 33.000,H0.8,P666.666
Passo massimo nei pilastri 25.000,D12

Infittimento staffe agli estremi

Passo zona critica travi H0.25,D8,22.500,S24
Lunghezza zona critica travi H
Passo zona critica pilastri D8,17.500,m0.5,p12.50000J
Lunghezza zona critica pilastri M,L0.167,45.000

Abbreviazioni usate nelle regole di assegnazione

n valore numerico
Hn n volte altezza della sezione asse locale y
Ln n moltiplica la lunghezza della trave
Dn n volte il diametro minimo armatura
Sn n volte il diametro della staffa
Pn Ast/bst: rapporto tra area staffa e corda
Mn (maiuscolo) dimensione massima della sezione
mn (minuscolo) dimensione minima della sezione
Nn moltiplicatore forza assiale di compressione
Fn inverso della resistenza dell'acciaio

Caratteristiche del terreno

Angolo attrito interno * 23.000000 Gamma 1.000000
Coesione kg/cm2 0.100000 Gamma 1.000000

Densità kg/cm3 0.001800 Gamma 1.000000
 Coeff. Sic. Portanza 2.300000
 Coeff. Sic. Scorrimento 1.100000
 Profondità piano posa cm 0.000000

Caratteristiche dei materiali

Metamateriali

Calcestruzzo Pilastrì C28/35 Rck350	Nome	Calcestruzzo Pilastrì C28/35 Rck350
	Tipo	Cemento armato
	Resistenza cubica calcestruzzo	350.000000
	Resistenza acciaio	4500.000000
	Copriferro	3.5000
	Interferro	3.5000
	Max distanza barre	22.0000
	Max distanza braccia	18.0000
	Classe calcestruzzo	C28/35
	Classe acciaio	B450C
	Coeff. Dil. Termica	0.000012000
	Non strutturale	no
	Max distanza legature	100000.0000

Calcestruzzo Travi in elevazione C25/30 Rck300	Nome	Calcestruzzo Travi in elevazione C25/30 Rck300
	Tipo	Cemento armato
	Resistenza cubica calcestruzzo	300.000000
	Resistenza acciaio	4500.000000
	Copriferro	4.0000
	Interferro	2.5000
	Max distanza barre	30.0000
	Max distanza braccia	60.0000
	Classe calcestruzzo	C25/30
	Classe acciaio	B450C
	Coeff. Dil. Termica	0.000012000
	Non strutturale	no
	Max distanza legature	100000.0000

Calcestruzzo Travi di fondazione C25/30 Rck300	Nome	Calcestruzzo Travi di fondazione C25/30 Rck300
	Tipo	Cemento armato
	Resistenza cubica calcestruzzo	300.000000
	Resistenza acciaio	4500.000000
	Copriferro	4.0000
	Interferro	2.5000
	Max distanza barre	32.0000
	Max distanza braccia	32.0000
	Classe calcestruzzo	C25/30
	Classe acciaio	B450C
	Coeff. Dil. Termica	0.000012000
	Non strutturale	no
	Max distanza legature	100000.0000

Calcestruzzi

Calcestruzzo Calcestruzzo Pilastrì C28/35 Rck350		Calcestruzzo Calcestruzzo Pilastrì C28/35 Rck350
Denominazione materiale		C28/35
Resistenza cubica	kg/cm2	350.000000
Resistenza a compressione	kg/cm2	164.616667
Resistenza a trazione frattile 5%	kg/cm2	13.229964
Tensione di aderenza	kg/cm2	29.767418
Calcestruzzo Calcestruzzo Travi in elevazione C25/30 Rck300		Calcestruzzo Calcestruzzo Travi in elevazione C25/30 Rck300
Denominazione materiale		C25/30
Resistenza cubica	kg/cm2	300.000000
Resistenza a compressione	kg/cm2	141.100000
Resistenza a trazione frattile 5%	kg/cm2	11.937887
Tensione di aderenza	kg/cm2	26.860246
Calcestruzzo Calcestruzzo Travi di fondazione C25/30 Rck300		Calcestruzzo Calcestruzzo Travi di fondazione C25/30 Rck300
Denominazione materiale		C25/30
Resistenza cubica	kg/cm2	300.000000
Resistenza a compressione	kg/cm2	141.100000
Resistenza a trazione frattile 5%	kg/cm2	11.937887
Tensione di aderenza	kg/cm2	26.860246

Acciai

Acciaio Calcestruzzo Pilastrì C28/35 Rck350		Acciaio Calcestruzzo Pilastrì C28/35 Rck350
Denominazione materiale		B450C
Resistenza caratteristica acciaio	kg/cm2	4500.000000
Resistenza di calcolo	kg/cm2	3913.043478
Acciaio Calcestruzzo Travi in elevazione C25/30 Rck300		Acciaio Calcestruzzo Travi in elevazione C25/30 Rck300
Denominazione materiale		B450C
Resistenza caratteristica acciaio	kg/cm2	4500.000000
Resistenza di calcolo	kg/cm2	3913.043478
Acciaio Calcestruzzo Travi di fondazione C25/30 Rck300		Acciaio Calcestruzzo Travi di fondazione C25/30 Rck300
Denominazione materiale		B450C
Resistenza caratteristica acciaio	kg/cm2	4500.000000

Tipi di carico

Nome	Tipo	Grav.	Gamma	Gamma	Gamma	Psi 0	Psi 1	Psi 2	Psi 2	Phi
			fav	sfav.	sismico					sismico (coeff. correl.)
Combinazione	combinazione		nd	0.00	0.00	nd	nd	nd	nd	nd
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Permanente non strutt.	permanente	*	0.00	1.50	1.00	nd	nd	nd	nd	nd
Sismico SLV	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLC	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLD	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLC	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Cat. A: Residenziale	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. B: Uffici	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. C: Affollamento	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. D: Commerciale	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. E: Magazzini	variabile	*	nd	1.50	1.00	1.00	0.90	0.80	0.80	1.00
Cat. F: Rimesse (<30kN)	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. G: Rimesse (>30kN)	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. H: Copertura	variabile	*	nd	1.50	1.00	0.00	0.00	0.00	0.20	1.00
Neve (q<1000)	variabile	*	nd	1.50	1.00	0.50	0.20	0.00	0.00	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.00	1.00
Vento	variabile non contemporaneo		nd	1.50	0.00	0.60	0.20	0.00	0.00	1.00
Temperatura	variabile non contemporaneo		nd	1.50	0.00	0.60	0.50	0.00	0.00	1.00

Condizioni di carico

(Fase) Nome	Tipo
(1) Dinamica SLOh Y	Sismico SLO
(1) Dinamica SLOh X	Sismico SLO
(1) Dinamica SLVh Y	Sismico SLV
(1) Dinamica SLVh X	Sismico SLV
(1) Dinamica SLDh Y	Sismico SLD
(1) Dinamica SLDh X	Sismico SLD
(1) peso proprio	Permanente
(1) permanenti	Permanente
(1) variabili copertura	Cat. H: Copertura
(1) neve	Neve (q<1000)
(1) muretti d'attico	Permanente
(1) Torcente di piano SLD	Torcente SLD
(1) Torcente di piano SLV	Torcente SLV
(1) Torcente di piano SLO	Torcente SLO
(1) tompagni	Permanente

Combinazioni di progetto dei carichi

1	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + -1.00 * (1) Dinamica SLVh X
2	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + 1.00 * (1) Dinamica SLVh X
3	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + -1.00 * (1) Dinamica SLVh X
4	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + 1.00 * (1) Dinamica SLVh X
5	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + -1.00 * (1) Dinamica SLVh X
6	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + 1.00 * (1) Dinamica SLVh X
7	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + -1.00 * (1) Dinamica SLVh X
8	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + 1.00 * (1) Dinamica SLVh X
9	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + -1.00 * (1) Dinamica SLVh Y
10	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + 1.00 * (1) Dinamica SLVh Y
11	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + -1.00 * (1) Dinamica SLVh Y
12	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + 1.00 * (1) Dinamica SLVh Y
13	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + -1.00 * (1) Dinamica SLVh Y
14	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + 1.00 * (1) Dinamica SLVh Y
15	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + -1.00 * (1) Dinamica SLVh Y
16	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 0.20 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio + 1.00 * (1) Dinamica SLVh Y
17	1.00 * (1) tompagni + 1.00 * (1) muretti d'attico + 1.50 * (1) neve + 1.00 * (1) permanenti + 1.00 * (1) peso proprio

Combinazioni di esercizio dei carichi	
1	Quasi Perm. 1.00 * (1) rompagnì + 1.00 * (1) muretti d'attico + 1.00 * (1) permanenti + 1.00 * (1) peso proprio
2	Frequente 1.00 * (1) rompagnì + 1.00 * (1) muretti d'attico + 0.20 * (1) neve + 1.00 * (1) permanenti + 1.00 * (1) peso proprio
3	Frequente 1.00 * (1) rompagnì + 1.00 * (1) muretti d'attico + 1.00 * (1) permanenti + 1.00 * (1) peso proprio
4	Rara 1.00 * (1) rompagnì + 1.00 * (1) muretti d'attico + 1.00 * (1) neve + 1.00 * (1) permanenti + 1.00 * (1) peso proprio
5	Rara 1.00 * (1) rompagnì + 1.00 * (1) muretti d'attico + 0.50 * (1) neve + 1.00 * (1) variabili copertura + 1.00 * (1) permanenti + 1.00 * (1) peso proprio
6	Rara 1.00 * (1) rompagnì + 1.00 * (1) muretti d'attico + 1.00 * (1) permanenti + 1.00 * (1) peso proprio

[illegible]

Combinazioni dei carichi per verifiche geotecniche	
1	$-1.00 * (1) \text{ Torcente di piano SLV} + 1.00 * (1) \text{ tompagni} + 1.00 * (1) \text{ muretti d'attico} + 0.20 * (1) \text{ variabili copertura} + 1.00 * (1) \text{ permanenti} + 1.00 * (1) \text{ peso proprio} + 1.00 * (1) \text{ Dinamica SLVh X}$
2	$-1.00 * (1) \text{ Torcente di piano SLV} + 1.00 * (1) \text{ tompagni} + 1.00 * (1) \text{ muretti d'attico} + 0.20 * (1) \text{ variabili copertura} + 1.00 * (1) \text{ permanenti} + 1.00 * (1) \text{ peso proprio} + 1.00 * (1) \text{ Dinamica SLVh X}$
3	$1.00 * (1) \text{ Torcente di piano SLV} + 1.00 * (1) \text{ tompagni} + 1.00 * (1) \text{ muretti d'attico} + 0.20 * (1) \text{ variabili copertura} + 1.00 * (1) \text{ permanenti} + 1.00 * (1) \text{ peso proprio} + 1.00 * (1) \text{ Dinamica SLVh X}$
4	$1.00 * (1) \text{ Torcente di piano SLV} + 1.00 * (1) \text{ tompagni} + 1.00 * (1) \text{ muretti d'attico} + 0.20 * (1) \text{ variabili copertura} + 1.00 * (1) \text{ permanenti} + 1.00 * (1) \text{ peso proprio} + 1.00 * (1) \text{ Dinamica SLVh X}$
5	$-1.00 * (1) \text{ Torcente di piano SLV} + 1.00 * (1) \text{ tompagni} + 1.00 * (1) \text{ muretti d'attico} + 0.20 * (1) \text{ variabili copertura} + 1.00 * (1) \text{ permanenti} + 1.00 * (1) \text{ peso proprio} + 1.00 * (1) \text{ Dinamica SLVh Y}$
6	$-1.00 * (1) \text{ Torcente di piano SLV} + 1.00 * (1) \text{ tompagni} + 1.00 * (1) \text{ muretti d'attico} + 0.20 * (1) \text{ variabili copertura} + 1.00 * (1) \text{ permanenti} + 1.00 * (1) \text{ peso proprio} + 1.00 * (1) \text{ Dinamica SLVh Y}$
7	$1.00 * (1) \text{ Torcente di piano SLV} + 1.00 * (1) \text{ tompagni} + 1.00 * (1) \text{ muretti d'attico} + 0.20 * (1) \text{ variabili copertura} + 1.00 * (1) \text{ permanenti} + 1.00 * (1) \text{ peso proprio} + 1.00 * (1) \text{ Dinamica SLVh Y}$
8	$1.00 * (1) \text{ Torcente di piano SLV} + 1.00 * (1) \text{ tompagni} + 1.00 * (1) \text{ muretti d'attico} + 0.20 * (1) \text{ variabili copertura} + 1.00 * (1) \text{ permanenti} + 1.00 * (1) \text{ peso proprio} + 1.00 * (1) \text{ Dinamica SLVh Y}$
9	$1.30 * (1) \text{ tompagni} + 1.30 * (1) \text{ muretti d'attico} + 1.50 * (1) \text{ neve} + 1.30 * (1) \text{ permanenti} + 1.30 * (1) \text{ peso proprio}$
10	$1.30 * (1) \text{ tompagni} + 1.30 * (1) \text{ muretti d'attico} + 0.75 * (1) \text{ neve} + 1.50 * (1) \text{ variabili copertura} + 1.30 * (1) \text{ permanenti} + 1.30 * (1) \text{ peso proprio}$
11	$1.30 * (1) \text{ tompagni} + 1.30 * (1) \text{ muretti d'attico} + 1.30 * (1) \text{ permanenti} + 1.30 * (1) \text{ peso proprio}$

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8	2	25	0.00	0.00	0.00	0.00	0.00	0.00	420.00
9	28	37	5.00	0.00	0.00	0.00	0.00	0.00	20.00
11	23	26	0.00	0.00	0.00	0.00	0.00	0.00	370.00
12	40	30	0.00	0.00	0.00	-5.00	0.00	0.00	20.00
13	25	36	0.00	0.00	0.00	0.00	0.00	0.00	20.00
14	22	25	0.00	0.00	0.00	0.00	0.00	0.00	380.00
15	39	22	0.00	0.00	0.00	0.00	0.00	0.00	20.00
16	27	35	5.00	0.00	0.00	0.00	0.00	0.00	20.00
18	21	24	0.00	0.00	0.00	0.00	0.00	0.00	370.00
20	38	29	0.00	0.00	0.00	-5.00	0.00	0.00	20.00
21	30	33	0.98	0.00	4.90	0.00	0.00	0.00	25.00
22	22	30	0.00	0.00	0.00	-8.93e-002	0.00	5.00	280.00
23	29	22	5.00e-002	0.00	5.00	0.00	0.00	0.00	500.00
24	31	29	0.00	0.00	0.00	-0.98	0.00	4.90	25.00
25	28	34	0.98	0.00	-4.90	0.00	0.00	0.00	25.00
26	25	28	0.00	0.00	0.00	-8.93e-002	0.00	-5.00	280.00
27	27	25	5.00e-002	0.00	-5.00	0.00	0.00	0.00	500.00
28	32	27	0.00	0.00	0.00	-0.98	0.00	-4.90	25.00
29	8	17	5.00	0.00	0.00	0.00	0.00	0.00	45.00
31	6	3	0.00	0.00	0.00	0.00	0.00	0.00	370.00
32	20	10	0.00	0.00	0.00	-5.00	0.00	0.00	45.00
33	2	16	0.00	0.00	0.00	0.00	0.00	0.00	45.00
34	5	2	0.00	0.00	0.00	0.00	0.00	0.00	380.00
35	19	5	0.00	0.00	0.00	0.00	0.00	0.00	45.00
36	7	15	5.00	0.00	0.00	0.00	0.00	0.00	45.00
38	4	1	0.00	0.00	0.00	0.00	0.00	0.00	370.00
40	18	9	0.00	0.00	0.00	-5.00	0.00	0.00	45.00
41	10	13	0.50	0.00	4.98	0.00	0.00	0.00	50.00
42	5	10	0.00	0.00	0.00	-8.93e-002	0.00	5.00	280.00
43	9	5	5.00e-002	0.00	5.00	0.00	0.00	0.00	500.00
44	11	9	0.00	0.00	0.00	-0.50	0.00	4.98	50.00
45	8	14	0.50	0.00	-4.98	0.00	0.00	0.00	50.00
46	2	8	0.00	0.00	0.00	-8.93e-002	0.00	-5.00	280.00
47	7	2	5.00e-002	0.00	-5.00	0.00	0.00	0.00	500.00
48	12	7	0.00	0.00	0.00	-0.50	0.00	-4.98	50.00

Sezioni

Sezione a T

Elemento	Materiale	Spessore anima (cm)	Altezza anima (cm)	Spessore ala (cm)	Larghezza ala (cm)
29	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
31	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
32	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
33	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
34	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
35	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
36	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
38	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
40	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
41	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
42	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
43	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
44	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
45	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
46	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
47	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00
48	Calcestruzzo Travi di fondazione C25/30 Rck300	30.00	30.00	30.00	100.00

Sezione rettangolare

Elemento	Materiale	Altezza (cm)	Base (cm)
3	Calcestruzzo Pilastri C28/35 Rck350	30.00	40.00
4	Calcestruzzo Pilastri C28/35 Rck350	30.00	40.00
5	Calcestruzzo Pilastri C28/35 Rck350	30.00	40.00
6	Calcestruzzo Pilastri C28/35 Rck350	30.00	40.00
7	Calcestruzzo Pilastri C28/35 Rck350	40.00	30.00
8	Calcestruzzo Pilastri C28/35 Rck350	40.00	30.00
9	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
11	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
12	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
13	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
14	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
15	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
16	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
18	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
20	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
21	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
22	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
23	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
24	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
25	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
26	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00
27	Calcestruzzo Travi in elevazione C25/30 Rck300	25.00	50.00

Sollecitazioni agli estremi degli elementi**Condizione "(1) Dinamica SLOh Y"**

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	990.71	85.56	1269.47	9659.20	-332175.69	-20983.96
	990.71	85.56	1269.47	9659.20	201003.58	14956.43
4	-990.71	-85.56	1269.47	9659.20	-332175.69	20983.96
	-990.71	-85.56	1269.47	9659.20	201003.58	-14956.43
5	-804.88	-67.21	932.74	9659.20	-245283.08	15467.86
	-804.88	-67.21	932.74	9659.20	146475.58	-12761.62
6	804.88	67.21	932.74	9659.20	-245283.08	-15467.86
	804.88	67.21	932.74	9659.20	146475.58	12761.62
7	-699.82	-124.72	695.17	9659.20	-172695.83	29278.18
	-699.82	-124.72	695.17	9659.20	119274.44	-23103.51
8	699.82	124.72	695.17	9659.20	-172695.83	-29278.18
	699.82	124.72	695.17	9659.20	119274.44	23103.51
9	2.33e-010	1.11e-011	3.17e-011	-7.28e-012	8.61e-024	-8.87e-011
	2.33e-010	1.11e-011	3.17e-011	-7.28e-012	-1.16e-010	2.91e-011
11	-1.18e-038	773.78	4.22e-027	-4637.90	2.85e-011	-143149.86
	-1.18e-038	773.78	4.22e-027	-4637.90	-2.65e-011	143149.86
12	2.33e-010	4.55e-012	3.17e-011	-1.48e-011	-2.54e-010	-1.13e-010
	2.33e-010	4.55e-012	3.17e-011	-1.48e-011	5.08e-010	-1.18e-010
13	4.07e-010	7.29e-012	3.17e-011	-1.48e-011	3.19e-010	-8.73e-011
	4.07e-010	7.29e-012	3.17e-011	-1.48e-011	-1.16e-010	3.64e-012
14	-5.46e-012	698.03	1.10e-013	-4794.32	4.98e-012	-132626.15
	-5.46e-012	698.03	1.10e-013	-4794.32	7.93e-012	132626.15
15	4.07e-010	1.09e-011	3.17e-011	3.64e-012	5.07e-023	-5.83e-011
	4.07e-010	1.09e-011	3.17e-011	3.64e-012	8.61e-024	-7.28e-012
16	2.33e-010	2.91e-011	3.17e-011	-7.28e-012	8.61e-024	6.34e-011
	2.33e-010	2.91e-011	3.17e-011	-7.28e-012	-1.16e-010	-1.49e-025
18	2.18e-011	1027.62	4.22e-027	-4933.92	2.85e-011	-190109.13
	2.18e-011	1027.62	4.22e-027	-4933.92	-2.65e-011	190109.13
20	2.33e-010	-7.39e-012	3.17e-011	-1.59e-011	-2.54e-010	-1.78e-010
	2.33e-010	-7.39e-012	3.17e-011	-1.59e-011	5.08e-010	-2.33e-010
21	-1.03e-023	3.69e-012	7.97e-011	-1.18e-010	4.66e-010	-1.36e-010
	-1.03e-023	3.69e-012	7.97e-011	-1.18e-010	-4.66e-010	5.85e-011
22	2.56e-026	61.69	2.27e-013	5035.25	-6.09e-011	-8842.52
	2.56e-026	61.69	2.27e-013	5035.25	-1.16e-010	8431.56
23	-5.15e-025	-40.24	-1.42e-013	-11088.71	3.64e-012	10055.17
	-5.15e-025	-40.24	-1.42e-013	-11088.71	2.91e-011	-10066.05
24	-1.03e-023	-4.55e-013	-2.91e-011	1.16e-010	4.66e-010	-4.18e-011
	-1.03e-023	-4.55e-013	-2.91e-011	1.16e-010	-4.66e-010	6.55e-011
25	1.03e-023	4.55e-012	7.97e-011	-1.18e-010	4.66e-010	9.15e-011
	1.03e-023	4.55e-012	7.97e-011	-1.18e-010	-4.66e-010	1.02e-010
26	-2.56e-026	-61.69	2.27e-013	5035.25	-6.09e-011	8842.52
	-2.56e-026	-61.69	2.27e-013	5035.25	-1.16e-010	-8431.56
27	4.98e-012	40.24	-1.42e-013	-11088.71	3.64e-012	-10055.17
	4.98e-012	40.24	-1.42e-013	-11088.71	2.91e-011	10066.05
28	1.03e-023	8.40e-012	-2.91e-011	-7.28e-012	4.66e-010	-9.38e-011
	1.03e-023	8.40e-012	-2.91e-011	-7.28e-012	-4.66e-010	1.74e-010
29	0.00	469.81	0.00	866.03	0.00	-11514.77
	0.00	2.28e-011	0.00	-7.28e-012	0.00	7.73e-010
31	0.00	814.69	0.00	-17070.86	0.00	-193175.67
	0.00	814.69	0.00	-17070.86	0.00	193175.67
32	0.00	-8.79e-011	0.00	-4.55e-013	0.00	1.51e-009
	0.00	469.81	0.00	866.03	0.00	11514.77
33	0.00	262.61	0.00	505.41	0.00	-6616.08
	0.00	7.84e-012	0.00	1.46e-011	0.00	9.36e-010
34	0.00	805.30	0.00	-9736.38	0.00	-164215.83
	0.00	805.30	0.00	-9736.38	0.00	164215.83

35	0.00	4.36e-011	0.00	1.82e-012	0.00	-4.65e-010
	0.00	262.61	0.00	505.41	0.00	6616.08
36	0.00	568.27	0.00	-1125.28	0.00	-13995.00
	0.00	-7.28e-011	0.00	1.46e-011	0.00	6.97e-010
38	0.00	1153.05	0.00	22181.06	0.00	-258121.48
	0.00	1153.05	0.00	22181.06	0.00	258121.48
40	0.00	2.91e-011	0.00	-1.45e-011	0.00	-1.17e-009
	0.00	568.27	0.00	-1125.28	0.00	13995.00
41	0.00	-409.73	0.00	-5196.23	0.00	10472.78
	0.00	-3.19e-011	0.00	-4.14e-025	0.00	7.00e-011
42	0.00	-709.97	0.00	4216.59	0.00	38954.77
	0.00	739.22	0.00	27390.46	0.00	20068.90
43	0.00	-1087.29	0.00	-42735.91	0.00	55043.14
	0.00	536.16	0.00	5897.39	0.00	27016.03
44	0.00	2.01e-011	0.00	-3.64e-012	0.00	9.01e-010
	0.00	488.28	0.00	6649.53	0.00	12506.76
45	0.00	409.73	0.00	-5196.23	0.00	-10472.78
	0.00	1.98e-012	0.00	-5.82e-011	0.00	-8.46e-010
46	0.00	709.97	0.00	4216.59	0.00	-38954.77
	0.00	-739.22	0.00	27390.46	0.00	-20068.90
47	0.00	1087.29	0.00	-42735.91	0.00	-55043.14
	0.00	-536.16	0.00	5897.39	0.00	-27016.03
48	0.00	9.15e-012	0.00	-5.82e-011	0.00	-1.51e-009
	0.00	-488.28	0.00	6649.53	0.00	-12506.76

Condizione "(1) Dinamica SLOh X"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	-432.89	687.34	13.84	-1.43e-011	-3798.67	-175823.53
	-432.89	687.34	13.84	-1.43e-011	2013.05	112857.31
4	-432.89	687.34	-13.84	-1.43e-011	3798.67	-175823.53
	-432.89	687.34	-13.84	-1.43e-011	-2013.05	112857.31
5	1082.97	819.01	27.54	-1.43e-011	-6814.35	-193959.80
	1082.97	819.01	27.54	-1.43e-011	4751.17	150024.66
6	1082.97	819.01	-27.54	-1.43e-011	6814.35	-193959.80
	1082.97	819.01	-27.54	-1.43e-011	-4751.17	150024.66
7	-650.08	1430.44	-1.58	-1.43e-011	646.18	-343987.86
	-650.08	1430.44	-1.58	-1.43e-011	-18.32	256795.04
8	-650.08	1430.44	1.58	-1.43e-011	-646.18	-343987.86
	-650.08	1430.44	1.58	-1.43e-011	18.32	256795.04
9	6.62e-024	-7.39e-012	-5.23e-011	-2.33e-010	4.17e-011	2.96e-011
	6.62e-024	-7.39e-012	-5.23e-011	-2.33e-010	-1.00e-009	-7.46e-011
11	-2.07e-025	1.10e-012	-1.92e-027	-2.58e-011	-8.50e-013	418.06
	-2.07e-025	1.10e-012	-1.92e-027	-2.58e-011	-8.50e-013	418.06
12	6.62e-024	1.14e-012	5.23e-011	6.20e-025	-1.00e-009	-4.23e-011
	6.62e-024	1.14e-012	5.23e-011	6.20e-025	4.17e-011	-2.00e-011
13	3.31e-024	-4.97e-012	-5.23e-011	-1.16e-010	4.17e-011	7.07e-011
	3.31e-024	-4.97e-012	-5.23e-011	-1.16e-010	-1.00e-009	-2.86e-011
14	5.66e-026	9.72e-013	-3.92e-027	2.77e-011	2.37e-011	155.71
	5.66e-026	9.72e-013	-3.92e-027	2.77e-011	2.37e-011	155.71
15	3.31e-024	-2.50e-012	5.23e-011	1.16e-010	-1.00e-009	2.02e-011
	3.31e-024	-2.50e-012	5.23e-011	1.16e-010	4.17e-011	-4.55e-013
16	-1.32e-023	3.54e-012	-5.23e-011	-1.16e-010	4.17e-011	-1.17e-011
	-1.32e-023	3.54e-012	-5.23e-011	-1.16e-010	-1.00e-009	-6.48e-012
18	8.27e-025	-1.45e-012	-1.92e-027	-4.31e-011	-8.50e-013	-43.19
	8.27e-025	-1.45e-012	-1.92e-027	-4.31e-011	-8.50e-013	-43.19
20	-1.32e-023	4.50e-012	5.23e-011	1.16e-010	-1.00e-009	-2.06e-011
	-1.32e-023	4.50e-012	5.23e-011	1.16e-010	4.17e-011	5.49e-011
21	9.24e-012	-3.64e-012	3.31e-024	2.73e-012	2.65e-023	2.04e-010
	9.24e-012	-3.64e-012	3.31e-024	2.73e-012	2.65e-023	-1.16e-010
22	1.75e-011	1082.97	-6.46e-027	-245.60	-8.26e-025	-153206.39
	1.75e-011	1082.97	-6.46e-027	-245.60	-5.79e-024	150024.66
23	-1.12e-011	432.89	7.27e-027	-108.22	3.12e-025	-112857.31

	-1.12e-011	432.89	7.27e-027	-108.22	-2.73e-026	103588.65
24	9.24e-012	-1.46e-011	1.66e-024	5.68e-014	-1.32e-023	1.89e-010
	9.24e-012	-1.46e-011	1.66e-024	5.68e-014	-5.29e-023	1.16e-010
25	-9.24e-012	-3.64e-012	3.31e-024	-9.09e-013	2.65e-023	-2.18e-011
	-9.24e-012	-3.64e-012	3.31e-024	-9.09e-013	2.65e-023	-6.21e-025
26	-1.75e-011	1082.97	-6.46e-027	245.60	-8.26e-025	-153206.39
	-1.75e-011	1082.97	-6.46e-027	245.60	-5.79e-024	150024.66
27	1.12e-011	432.89	7.27e-027	108.22	3.12e-025	-112857.31
	1.12e-011	432.89	7.27e-027	108.22	-2.73e-026	103588.65
28	-9.24e-012	-3.64e-012	1.66e-024	-5.68e-014	-1.32e-023	-4.37e-011
	-9.24e-012	-3.64e-012	1.66e-024	-5.68e-014	-5.29e-023	-4.96e-024
29	0.00	362.17	0.00	3913.73	0.00	-8332.41
	0.00	2.91e-011	0.00	5.82e-011	0.00	-1.75e-010
31	0.00	933.46	0.00	15049.18	0.00	-32683.32
	0.00	-933.46	0.00	-15049.18	0.00	-32683.32
32	0.00	1.27e-011	0.00	-5.82e-011	0.00	3.78e-010
	0.00	-362.17	0.00	-3913.73	0.00	-8332.41
33	0.00	-126.90	0.00	2772.99	0.00	2901.05
	0.00	2.27e-012	0.00	-4.14e-025	0.00	1.89e-010
34	0.00	-368.16	0.00	10910.46	0.00	16553.00
	0.00	368.16	0.00	-10910.46	0.00	16553.00
35	0.00	-9.55e-012	0.00	-2.91e-011	0.00	6.55e-011
	0.00	126.90	0.00	-2772.99	0.00	2901.05
36	0.00	-192.86	0.00	3811.67	0.00	4454.96
	0.00	-3.64e-012	0.00	-5.82e-011	0.00	-2.33e-010
38	0.00	-465.02	0.00	14656.71	0.00	13434.26
	0.00	465.02	0.00	-14656.71	0.00	13434.26
40	0.00	-3.27e-011	0.00	4.14e-025	0.00	5.68e-010
	0.00	192.86	0.00	-3811.67	0.00	4454.96
41	0.00	504.80	0.00	1031.54	0.00	-13697.84
	0.00	-2.18e-011	0.00	-7.28e-012	0.00	-4.66e-010
42	0.00	1168.81	0.00	-13674.97	0.00	-149675.77
	0.00	717.46	0.00	-15757.50	0.00	161299.04
43	0.00	548.80	0.00	-4694.24	0.00	-148205.75
	0.00	1323.83	0.00	-669.19	0.00	180628.65
44	0.00	-7.76e-025	0.00	-7.28e-012	0.00	1.28e-009
	0.00	323.82	0.00	647.05	0.00	9149.40
45	0.00	504.80	0.00	-1031.54	0.00	-13697.84
	0.00	1.60e-024	0.00	0.00	0.00	-6.98e-010
46	0.00	1168.81	0.00	13674.97	0.00	-149675.77
	0.00	717.46	0.00	15757.50	0.00	161299.04
47	0.00	548.80	0.00	4694.24	0.00	-148205.75
	0.00	1323.83	0.00	669.19	0.00	180628.65
48	0.00	-2.18e-011	0.00	7.28e-012	0.00	1.75e-009
	0.00	323.82	0.00	-647.05	0.00	9149.40

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	1175.59	101.53	1506.37	11461.78	-394165.49	-24899.94
	1175.59	101.53	1506.37	11461.78	238514.36	17747.56
4	-1175.59	-101.53	1506.37	11461.78	-394165.49	24899.94
	-1175.59	-101.53	1506.37	11461.78	238514.36	-17747.56
5	-955.09	-79.76	1106.81	11461.78	-291057.20	18354.44
	-955.09	-79.76	1106.81	11461.78	173810.49	-15143.16
6	955.09	79.76	1106.81	11461.78	-291057.20	-18354.44
	955.09	79.76	1106.81	11461.78	173810.49	15143.16
7	-830.42	-147.99	824.90	11461.78	-204923.90	34742.00
	-830.42	-147.99	824.90	11461.78	141533.14	-27415.04
8	830.42	147.99	824.90	11461.78	-204923.90	-34742.00
	830.42	147.99	824.90	11461.78	141533.14	27415.04
9	2.33e-010	2.96e-011	3.17e-011	-9.97e-012	1.32e-023	-3.52e-010
	2.33e-010	2.96e-011	3.17e-011	-9.97e-012	2.54e-010	1.22e-010

11	1.67e-011	918.18	-1.47e-027	-5503.41	3.04e-011	-169864.13
	1.67e-011	918.18	-1.47e-027	-5503.41	-3.34e-011	169864.13
12	2.33e-010	1.48e-011	3.99e-011	-2.19e-011	-3.19e-010	-1.69e-010
	2.33e-010	1.48e-011	3.99e-011	-2.19e-011	5.08e-010	2.91e-011
13	4.37e-010	7.32e-012	3.17e-011	-7.28e-012	6.38e-010	-1.17e-010
	4.37e-010	7.32e-012	3.17e-011	-7.28e-012	2.54e-010	1.17e-010
14	2.00e-011	828.30	1.30e-013	-5689.03	-7.93e-012	-157376.51
	2.00e-011	828.30	1.30e-013	-5689.03	9.97e-012	157376.51
15	4.37e-010	-7.29e-012	3.99e-011	-1.48e-011	-7.65e-024	2.93e-011
	4.37e-010	-7.29e-012	3.99e-011	-1.48e-011	1.32e-023	-1.16e-010
16	4.66e-010	4.37e-011	3.17e-011	-7.93e-012	1.32e-023	-4.07e-010
	4.66e-010	4.37e-011	3.17e-011	-7.93e-012	2.54e-010	4.68e-010
18	-7.28e-012	1219.39	-1.47e-027	-5854.68	3.04e-011	-225586.83
	-7.28e-012	1219.39	-1.47e-027	-5854.68	-3.34e-011	225586.83
20	4.66e-010	1.46e-011	3.99e-011	1.27e-011	-3.19e-010	-5.01e-010
	4.66e-010	1.46e-011	3.99e-011	1.27e-011	5.08e-010	1.46e-011
21	7.16e-024	-1.41e-012	-5.82e-011	-1.22e-010	-4.66e-010	-4.50e-011
	7.16e-024	-1.41e-012	-5.82e-011	-1.22e-010	-1.40e-009	3.17e-011
22	-1.25e-024	73.20	-6.82e-013	5974.91	1.16e-010	-10492.69
	-1.25e-024	73.20	-6.82e-013	5974.91	-1.45e-010	10005.04
23	-6.35e-025	-47.75	1.99e-013	-13158.05	4.91e-011	11931.65
	-6.35e-025	-47.75	1.99e-013	-13158.05	-3.64e-011	-11944.56
24	7.16e-024	4.99e-012	1.75e-010	3.49e-010	-1.40e-009	1.41e-011
	7.16e-024	4.99e-012	1.75e-010	3.49e-010	0.00	8.00e-011
25	-7.16e-024	4.78e-012	-5.82e-011	-1.22e-010	-4.66e-010	3.89e-011
	-7.16e-024	4.78e-012	-5.82e-011	-1.22e-010	-1.40e-009	1.45e-010
26	1.25e-024	-73.20	-6.82e-013	5974.91	1.16e-010	10492.69
	1.25e-024	-73.20	-6.82e-013	5974.91	-1.45e-010	-10005.04
27	3.97e-012	47.75	1.99e-013	-13158.05	4.91e-011	-11931.65
	3.97e-012	47.75	1.99e-013	-13158.05	-3.64e-011	11944.56
28	-7.16e-024	8.85e-012	1.75e-010	1.16e-010	-1.40e-009	-5.40e-011
	-7.16e-024	8.85e-012	1.75e-010	1.16e-010	0.00	1.53e-010
29	0.00	557.49	0.00	1027.64	0.00	-13663.63
	0.00	2.94e-011	0.00	-1.45e-011	0.00	1.44e-009
31	0.00	966.73	0.00	-20256.58	0.00	-229225.64
	0.00	966.73	0.00	-20256.58	0.00	229225.64
32	0.00	-1.02e-010	0.00	-4.55e-013	0.00	9.30e-010
	0.00	557.49	0.00	1027.64	0.00	13663.63
33	0.00	311.62	0.00	599.73	0.00	-7850.76
	0.00	7.32e-012	0.00	1.48e-011	0.00	1.64e-009
34	0.00	955.58	0.00	-11553.36	0.00	-194861.38
	0.00	955.58	0.00	-11553.36	0.00	194861.38
35	0.00	2.92e-011	0.00	1.82e-012	0.00	-1.28e-009
	0.00	311.62	0.00	599.73	0.00	7850.76
36	0.00	674.31	0.00	-1335.27	0.00	-16606.72
	0.00	-1.02e-010	0.00	2.91e-011	0.00	-1.46e-010
38	0.00	1368.23	0.00	26320.43	0.00	-306291.47
	0.00	1368.23	0.00	26320.43	0.00	306291.47
40	0.00	7.27e-011	0.00	-1.45e-011	0.00	-2.33e-009
	0.00	674.31	0.00	-1335.27	0.00	16606.72
41	0.00	-486.19	0.00	-6165.94	0.00	12427.18
	0.00	-2.54e-011	0.00	7.28e-012	0.00	-2.48e-010
42	0.00	-842.47	0.00	5003.48	0.00	46224.42
	0.00	877.17	0.00	32502.00	0.00	23814.10
43	0.00	-1290.20	0.00	-50711.18	0.00	65315.16
	0.00	636.22	0.00	6997.95	0.00	32057.69
44	0.00	1.09e-011	0.00	-5.82e-011	0.00	4.40e-010
	0.00	579.40	0.00	7890.45	0.00	14840.74
45	0.00	486.19	0.00	-6165.94	0.00	-12427.18
	0.00	3.28e-012	0.00	5.82e-011	0.00	-6.43e-010
46	0.00	842.47	0.00	5003.48	0.00	-46224.42

	0.00	-877.17	0.00	32502.00	0.00	-23814.10
47	0.00	1290.20	0.00	-50711.18	0.00	-65315.16
	0.00	-636.22	0.00	6997.95	0.00	-32057.69
48	0.00	7.72e-012	0.00	-5.82e-011	0.00	-1.92e-009
	0.00	-579.40	0.00	7890.45	0.00	-14840.74

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	-513.68	815.60	16.42	-1.69e-011	-4507.57	-208635.28
	-513.68	815.60	16.42	-1.69e-011	2388.72	133918.46
4	-513.68	815.60	-16.42	-1.69e-011	4507.57	-208635.28
	-513.68	815.60	-16.42	-1.69e-011	-2388.72	133918.46
5	1285.07	971.85	32.68	-1.69e-011	-8086.03	-230156.09
	1285.07	971.85	32.68	-1.69e-011	5637.82	178021.89
6	1285.07	971.85	-32.68	-1.69e-011	8086.03	-230156.09
	1285.07	971.85	-32.68	-1.69e-011	-5637.82	178021.89
7	-771.39	1697.38	-1.88	-1.69e-011	766.77	-408182.02
	-771.39	1697.38	-1.88	-1.69e-011	-21.74	304717.49
8	-771.39	1697.38	1.88	-1.69e-011	-766.77	-408182.02
	-771.39	1697.38	1.88	-1.69e-011	21.74	304717.49
9	-6.62e-024	-5.40e-012	2.23e-010	-1.16e-010	-3.44e-010	1.00e-011
	-6.62e-024	-5.40e-012	2.23e-010	-1.16e-010	3.95e-010	-6.91e-011
11	-8.27e-025	1.31e-012	-2.28e-027	-3.61e-011	5.80e-011	496.08
	-8.27e-025	1.31e-012	-2.28e-027	-3.61e-011	5.80e-011	496.08
12	-6.62e-024	-1.19e-012	-2.23e-010	8.27e-025	3.95e-010	-5.32e-011
	-6.62e-024	-1.19e-012	-2.23e-010	8.27e-025	-3.44e-010	-1.82e-011
13	-6.62e-024	-6.82e-012	2.23e-010	-1.16e-010	-3.44e-010	9.27e-011
	-6.62e-024	-6.82e-012	2.23e-010	-1.16e-010	3.95e-010	-5.82e-011
14	-9.30e-025	1.15e-012	-4.66e-027	3.52e-011	-2.93e-011	184.77
	-9.30e-025	1.15e-012	-4.66e-027	3.52e-011	-2.93e-011	184.77
15	-6.62e-024	9.09e-013	-2.23e-010	8.27e-025	3.95e-010	-1.38e-011
	-6.62e-024	9.09e-013	-2.23e-010	8.27e-025	-3.44e-010	3.32e-011
16	1.98e-023	3.75e-012	2.23e-010	-1.16e-010	-3.44e-010	-1.44e-011
	1.98e-023	3.75e-012	2.23e-010	-1.16e-010	3.95e-010	3.14e-011
18	-4.16e-025	-1.71e-012	-2.28e-027	-4.68e-011	5.80e-011	-51.25
	-4.16e-025	-1.71e-012	-2.28e-027	-4.68e-011	5.80e-011	-51.25
20	1.98e-023	9.45e-013	-2.23e-010	2.33e-010	3.95e-010	8.52e-012
	1.98e-023	9.45e-013	-2.23e-010	2.33e-010	-3.44e-010	2.74e-011
21	2.90e-011	-2.18e-011	-6.62e-024	1.82e-012	-7.94e-023	3.49e-010
	2.90e-011	-2.18e-011	-6.62e-024	1.82e-012	1.06e-022	-1.16e-010
22	-5.73e-012	1285.07	-5.17e-026	-291.44	3.32e-024	-181797.39
	-5.73e-012	1285.07	-5.17e-026	-291.44	7.44e-024	178021.89
23	-1.02e-011	513.68	-8.08e-027	-128.41	2.07e-024	-133918.46
	-1.02e-011	513.68	-8.08e-027	-128.41	8.27e-025	122920.10
24	2.90e-011	-7.28e-012	-6.62e-024	1.14e-013	-2.65e-023	1.75e-010
	2.90e-011	-7.28e-012	-6.62e-024	1.14e-013	2.65e-023	2.33e-010
25	-2.90e-011	3.64e-012	-6.62e-024	-9.09e-013	-7.94e-023	5.09e-011
	-2.90e-011	3.64e-012	-6.62e-024	-9.09e-013	1.06e-022	-2.89e-024
26	5.73e-012	1285.07	-5.17e-026	291.44	3.32e-024	-181797.39
	5.73e-012	1285.07	-5.17e-026	291.44	7.44e-024	178021.89
27	1.02e-011	513.68	-8.08e-027	128.41	2.07e-024	-133918.46
	1.02e-011	513.68	-8.08e-027	128.41	8.27e-025	122920.10
28	-2.90e-011	-7.28e-012	-6.62e-024	6.46e-027	-2.65e-023	-1.46e-011
	-2.90e-011	-7.28e-012	-6.62e-024	6.46e-027	2.65e-023	1.16e-010
29	0.00	429.76	0.00	4644.11	0.00	-9887.38
	0.00	1.27e-011	0.00	5.82e-011	0.00	4.66e-010
31	0.00	1107.66	0.00	17857.62	0.00	-38782.60
	0.00	-1107.66	0.00	-17857.62	0.00	-38782.60
32	0.00	5.64e-011	0.00	-5.82e-011	0.00	-2.91e-011
	0.00	-429.76	0.00	-4644.11	0.00	-9887.38
33	0.00	-150.58	0.00	3290.48	0.00	3442.43
	0.00	-5.00e-012	0.00	-2.91e-011	0.00	-5.82e-011

34	0.00	-436.87	0.00	12946.54	0.00	19642.08
	0.00	436.87	0.00	-12946.54	0.00	19642.08
35	0.00	-1.65e-024	0.00	-5.82e-011	0.00	-9.46e-011
	0.00	150.58	0.00	-3290.48	0.00	3442.43
36	0.00	-228.85	0.00	4522.99	0.00	5286.33
	0.00	-2.73e-012	0.00	-1.16e-010	0.00	5.82e-011
38	0.00	-551.80	0.00	17391.91	0.00	15941.33
	0.00	551.80	0.00	-17391.91	0.00	15941.33
40	0.00	-3.09e-011	0.00	8.27e-025	0.00	7.28e-010
	0.00	228.85	0.00	-4522.99	0.00	5286.33
41	0.00	599.00	0.00	1224.04	0.00	-16254.10
	0.00	7.28e-012	0.00	-1.46e-011	0.00	-1.63e-009
42	0.00	1386.94	0.00	-16226.96	0.00	-177607.89
	0.00	851.35	0.00	-18698.13	0.00	191400.27
43	0.00	651.22	0.00	-5570.26	0.00	-175863.54
	0.00	1570.88	0.00	-794.07	0.00	214337.12
44	0.00	-7.28e-012	0.00	-7.28e-012	0.00	1.86e-009
	0.00	384.25	0.00	767.80	0.00	10856.84
45	0.00	599.00	0.00	-1224.04	0.00	-16254.10
	0.00	-1.55e-025	0.00	1.46e-011	0.00	-4.66e-010
46	0.00	1386.94	0.00	16226.96	0.00	-177607.89
	0.00	851.35	0.00	18698.13	0.00	191400.27
47	0.00	651.22	0.00	5570.26	0.00	-175863.54
	0.00	1570.88	0.00	794.07	0.00	214337.12
48	0.00	-2.18e-011	0.00	1.46e-011	0.00	1.63e-009
	0.00	384.25	0.00	-767.80	0.00	10856.84

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	857.62	74.07	1098.93	8361.57	-287550.81	-18164.95
	857.62	74.07	1098.93	8361.57	174000.52	12947.16
4	-857.62	-74.07	1098.93	8361.57	-287550.81	18164.95
	-857.62	-74.07	1098.93	8361.57	174000.52	-12947.16
5	-696.75	-58.18	807.44	8361.57	-212331.46	13389.89
	-696.75	-58.18	807.44	8361.57	126797.88	-11047.21
6	696.75	58.18	807.44	8361.57	-212331.46	-13389.89
	696.75	58.18	807.44	8361.57	126797.88	11047.21
7	-605.80	-107.96	601.78	8361.57	-149495.67	25344.91
	-605.80	-107.96	601.78	8361.57	103250.97	-19999.76
8	605.80	107.96	601.78	8361.57	-149495.67	-25344.91
	605.80	107.96	601.78	8361.57	103250.97	19999.76
9	2.33e-010	1.88e-011	-1.46e-011	-7.93e-012	3.91e-023	-9.83e-011
	2.33e-010	1.88e-011	-1.46e-011	-7.93e-012	-1.59e-010	2.91e-011
11	-7.28e-012	669.83	-6.51e-027	-4014.84	2.46e-011	-123918.94
	-7.28e-012	669.83	-6.51e-027	-4014.84	-2.55e-011	123918.94
12	2.33e-010	1.52e-011	3.17e-011	-1.46e-011	-1.59e-010	-1.95e-010
	2.33e-010	1.52e-011	3.17e-011	-1.46e-011	3.19e-010	1.22e-010
13	5.82e-011	3.69e-012	-1.46e-011	-7.93e-012	-5.08e-010	-3.07e-011
	5.82e-011	3.69e-012	-1.46e-011	-7.93e-012	-1.59e-010	7.28e-012
14	-1.10e-011	604.26	9.49e-014	-4150.25	-3.97e-012	-114809.00
	-1.10e-011	604.26	9.49e-014	-4150.25	4.98e-012	114809.00
15	5.82e-011	-3.92e-026	3.17e-011	-7.93e-012	-3.47e-025	-8.73e-011
	5.82e-011	-3.92e-026	3.17e-011	-7.93e-012	3.91e-023	1.16e-010
16	-1.16e-010	3.64e-011	-1.46e-011	-7.93e-012	3.91e-023	-2.32e-010
	-1.16e-010	3.64e-011	-1.46e-011	-7.93e-012	-1.59e-010	2.34e-010
18	2.18e-011	889.57	-6.51e-027	-4271.09	2.46e-011	-164569.65
	2.18e-011	889.57	-6.51e-027	-4271.09	-2.55e-011	164569.65
20	-1.16e-010	7.28e-012	3.17e-011	-7.93e-012	-1.59e-010	-1.56e-010
	-1.16e-010	7.28e-012	3.17e-011	-7.93e-012	3.19e-010	-3.49e-010
21	-6.27e-025	2.12e-012	-2.91e-011	-1.75e-010	-5.08e-010	-8.88e-011
	-6.27e-025	2.12e-012	-2.91e-011	-1.75e-010	4.66e-010	1.46e-011
22	4.17e-025	53.40	5.68e-013	4358.81	-1.46e-011	-7654.60

	4.17e-025	53.40	5.68e-013	4358.81	6.09e-011	7298.86
23	1.34e-025	-34.84	-1.14e-013	-9599.04	2.55e-011	8704.35
	1.34e-025	-34.84	-1.14e-013	-9599.04	-1.46e-011	-8713.77
24	-6.27e-025	-1.85e-012	8.73e-011	1.16e-010	-1.40e-009	5.66e-011
	-6.27e-025	-1.85e-012	8.73e-011	1.16e-010	1.40e-009	2.19e-011
25	6.27e-025	-6.98e-013	-2.91e-011	-6.34e-011	-5.08e-010	8.27e-011
	6.27e-025	-6.98e-013	-2.91e-011	-6.34e-011	4.66e-010	7.99e-011
26	-4.17e-025	-53.40	5.68e-013	4358.81	-1.46e-011	7654.60
	-4.17e-025	-53.40	5.68e-013	4358.81	6.09e-011	-7298.86
27	3.97e-012	34.84	-1.14e-013	-9599.04	2.55e-011	-8704.35
	3.97e-012	34.84	-1.14e-013	-9599.04	-1.46e-011	8713.77
28	6.27e-025	7.04e-012	8.73e-011	1.16e-010	-1.40e-009	-6.17e-011
	6.27e-025	7.04e-012	8.73e-011	1.16e-010	1.40e-009	1.02e-010
29	0.00	406.70	0.00	749.68	0.00	-9967.86
	0.00	-2.18e-011	0.00	3.31e-024	0.00	4.96e-010
31	0.00	705.24	0.00	-14777.54	0.00	-167224.22
	0.00	705.24	0.00	-14777.54	0.00	167224.22
32	0.00	-5.13e-011	0.00	-9.09e-013	0.00	3.49e-010
	0.00	406.70	0.00	749.68	0.00	9967.86
33	0.00	227.33	0.00	437.52	0.00	-5727.27
	0.00	-1.45e-011	0.00	7.39e-012	0.00	9.38e-010
34	0.00	697.11	0.00	-8428.39	0.00	-142154.88
	0.00	697.11	0.00	-8428.39	0.00	142154.88
35	0.00	3.64e-011	0.00	1.82e-012	0.00	-5.84e-010
	0.00	227.33	0.00	437.52	0.00	5727.27
36	0.00	491.92	0.00	-974.10	0.00	-12114.90
	0.00	-7.39e-012	0.00	2.91e-011	0.00	6.98e-010
38	0.00	998.15	0.00	19201.23	0.00	-223445.13
	0.00	998.15	0.00	19201.23	0.00	223445.13
40	0.00	2.91e-011	0.00	-1.46e-011	0.00	-9.30e-010
	0.00	491.92	0.00	-974.10	0.00	12114.90
41	0.00	-354.69	0.00	-4498.17	0.00	9065.85
	0.00	-2.73e-011	0.00	3.64e-012	0.00	-7.06e-011
42	0.00	-614.60	0.00	3650.13	0.00	33721.54
	0.00	639.91	0.00	23710.80	0.00	17372.82
43	0.00	-941.22	0.00	-36994.72	0.00	47648.58
	0.00	464.13	0.00	5105.13	0.00	23386.66
44	0.00	-1.09e-011	0.00	-4.14e-025	0.00	9.01e-010
	0.00	422.68	0.00	5756.23	0.00	10826.59
45	0.00	354.69	0.00	-4498.17	0.00	-9065.85
	0.00	-8.17e-012	0.00	4.14e-025	0.00	-7.91e-010
46	0.00	614.60	0.00	3650.13	0.00	-33721.54
	0.00	-639.91	0.00	23710.80	0.00	-17372.82
47	0.00	941.22	0.00	-36994.72	0.00	-47648.58
	0.00	-464.13	0.00	5105.13	0.00	-23386.66
48	0.00	1.63e-011	0.00	-3.64e-012	0.00	-1.42e-009
	0.00	-422.68	0.00	5756.23	0.00	-10826.59

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	-374.74	595.00	11.98	-1.23e-011	-3288.35	-152203.19
	-374.74	595.00	11.98	-1.23e-011	1742.62	97695.93
4	-374.74	595.00	-11.98	-1.23e-011	3288.35	-152203.19
	-374.74	595.00	-11.98	-1.23e-011	-1742.62	97695.93
5	937.48	708.98	23.84	-1.23e-011	-5898.91	-167903.01
	937.48	708.98	23.84	-1.23e-011	4112.89	129870.17
6	937.48	708.98	-23.84	-1.23e-011	5898.91	-167903.01
	937.48	708.98	-23.84	-1.23e-011	-4112.89	129870.17
7	-562.74	1238.27	-1.37	-1.23e-011	559.37	-297776.12
	-562.74	1238.27	-1.37	-1.23e-011	-15.86	222296.89
8	-562.74	1238.27	1.37	-1.23e-011	-559.37	-297776.12
	-562.74	1238.27	1.37	-1.23e-011	15.86	222296.89

9	-6.63e-024	-7.39e-013	1.02e-011	-5.82e-011	-1.30e-010	9.55e-012
	-6.63e-024	-7.39e-013	1.02e-011	-5.82e-011	7.50e-011	-6.37e-011
11	-1.03e-024	9.54e-013	-1.66e-027	-2.07e-011	7.96e-012	361.90
	-1.03e-024	9.54e-013	-1.66e-027	-2.07e-011	7.96e-012	361.90
12	-6.63e-024	-6.82e-013	-1.02e-011	5.82e-011	7.50e-011	-9.95e-013
	-6.63e-024	-6.82e-013	-1.02e-011	5.82e-011	-1.30e-010	-5.82e-011
13	-3.82e-025	-4.63e-012	1.02e-011	-1.75e-010	-1.30e-010	5.52e-011
	3.82e-025	-4.63e-012	1.02e-011	-1.75e-010	7.50e-011	-2.27e-011
14	1.55e-025	8.42e-013	-3.40e-027	2.22e-011	2.92e-011	134.79
	1.55e-025	8.42e-013	-3.40e-027	2.22e-011	2.92e-011	134.79
15	-3.82e-025	-2.73e-012	-1.02e-011	5.82e-011	7.50e-011	3.04e-011
	3.82e-025	-2.73e-012	-1.02e-011	5.82e-011	-1.30e-010	-9.55e-012
16	6.62e-024	-8.42e-013	1.02e-011	-2.33e-010	-1.30e-010	1.30e-011
	6.62e-024	-8.42e-013	1.02e-011	-2.33e-010	7.50e-011	-2.57e-011
18	0.00	-1.25e-012	-1.66e-027	-3.75e-011	7.96e-012	-37.39
	0.00	-1.25e-012	-1.66e-027	-3.75e-011	7.96e-012	-37.39
20	6.62e-024	3.71e-012	-1.02e-011	2.33e-010	7.50e-011	-2.41e-011
	6.62e-024	3.71e-012	-1.02e-011	2.33e-010	-1.30e-010	4.29e-011
21	1.82e-010	-1.09e-011	1.66e-024	1.82e-012	7.94e-023	2.18e-010
	1.82e-010	-1.09e-011	1.66e-024	1.82e-012	-1.32e-023	-5.82e-011
22	-1.70e-011	937.48	-6.48e-027	-212.61	8.35e-025	-132624.46
	-1.70e-011	937.48	-6.48e-027	-212.61	-3.31e-024	129870.17
23	-8.38e-012	374.74	-7.27e-027	-93.68	1.55e-024	-97695.93
	-8.38e-012	374.74	-7.27e-027	-93.68	-2.27e-024	89672.42
24	1.82e-010	-3.64e-012	4.96e-024	1.14e-013	-3.97e-023	2.18e-010
	1.82e-010	-3.64e-012	4.96e-024	1.14e-013	2.65e-023	1.16e-010
25	-1.82e-010	3.64e-012	1.66e-024	-4.55e-013	7.94e-023	-4.00e-011
	-1.82e-010	3.64e-012	1.66e-024	-4.55e-013	-1.32e-023	-2.07e-024
26	1.70e-011	937.48	-6.48e-027	212.61	8.35e-025	-132624.46
	1.70e-011	937.48	-6.48e-027	212.61	-3.31e-024	129870.17
27	8.38e-012	374.74	-7.27e-027	93.68	1.55e-024	-97695.93
	8.38e-012	374.74	-7.27e-027	93.68	-2.27e-024	89672.42
28	-1.82e-010	-2.39e-025	4.96e-024	-5.68e-014	-3.97e-023	3.64e-011
	-1.82e-010	-2.39e-025	4.96e-024	-5.68e-014	2.65e-023	-5.38e-024
29	0.00	313.52	0.00	3387.96	0.00	-7213.02
	0.00	-1.64e-011	0.00	2.91e-011	0.00	-4.95e-010
31	0.00	808.06	0.00	13027.45	0.00	-28292.60
	0.00	-808.06	0.00	-13027.45	0.00	-28292.60
32	0.00	5.46e-012	0.00	4.14e-025	0.00	3.20e-010
	0.00	-313.52	0.00	-3387.96	0.00	-7213.02
33	0.00	-109.85	0.00	2400.46	0.00	2511.32
	0.00	5.00e-012	0.00	-5.82e-011	0.00	-3.64e-011
34	0.00	-318.70	0.00	9444.73	0.00	14329.25
	0.00	318.70	0.00	-9444.73	0.00	14329.25
35	0.00	-1.03e-024	0.00	-2.91e-011	0.00	7.28e-012
	0.00	109.85	0.00	-2400.46	0.00	2511.32
36	0.00	-166.95	0.00	3299.60	0.00	3856.47
	0.00	-6.37e-012	0.00	-5.82e-011	0.00	-1.16e-010
38	0.00	-402.55	0.00	12687.71	0.00	11629.49
	0.00	402.55	0.00	-12687.71	0.00	11629.49
40	0.00	-9.09e-012	0.00	-2.91e-011	0.00	3.78e-010
	0.00	166.95	0.00	-3299.60	0.00	3856.47
41	0.00	436.98	0.00	892.96	0.00	-11857.66
	0.00	-7.28e-012	0.00	-7.28e-012	0.00	-8.15e-010
42	0.00	1011.79	0.00	-11837.86	0.00	-129568.15
	0.00	621.08	0.00	-13640.62	0.00	139629.94
43	0.00	475.08	0.00	-4063.61	0.00	-128295.62
	0.00	1145.99	0.00	-579.29	0.00	156362.78
44	0.00	-6.72e-025	0.00	-7.28e-012	0.00	1.11e-009
	0.00	280.31	0.00	560.12	0.00	7920.26
45	0.00	436.98	0.00	-892.96	0.00	-11857.66

	0.00	-1.09e-011	0.00	-7.28e-012	0.00	-1.16e-009
46	0.00	1011.79	0.00	11837.86	0.00	-129568.15
	0.00	621.08	0.00	13640.62	0.00	139629.94
47	0.00	475.08	0.00	4063.61	0.00	-128295.62
	0.00	1145.99	0.00	579.29	0.00	156362.78
48	0.00	-1.46e-011	0.00	7.28e-012	0.00	1.16e-009
	0.00	280.31	0.00	-560.12	0.00	7920.26

Condizione "(1) peso proprio"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	4938.14	-474.22	96.92	6.12e-012	-4865.63	55865.53
	3678.14	-474.22	96.92	6.12e-012	35839.14	-143307.56
4	4938.14	-474.22	-96.92	6.12e-012	4865.63	55865.53
	3678.14	-474.22	-96.92	6.12e-012	-35839.14	-143307.56
5	3585.60	97.64	-120.97	6.12e-012	9453.90	-14974.39
	2325.60	97.64	-120.97	6.12e-012	-41352.12	26032.79
6	3585.60	97.64	120.97	6.12e-012	-9453.90	-14974.39
	2325.60	97.64	120.97	6.12e-012	41352.12	26032.79
7	6603.51	376.59	-70.44	6.12e-012	5218.10	-52783.79
	5343.51	376.59	-70.44	6.12e-012	-24367.13	105382.12
8	6603.51	376.59	70.44	6.12e-012	-5218.10	-52783.79
	5343.51	376.59	70.44	6.12e-012	24367.13	105382.12
9	1.03e-025	-104.50	4.37e-013	1.46e-011	3.33e-011	1045.00
	1.03e-025	1.00e-011	4.37e-013	1.46e-011	4.20e-011	-1.46e-010
11	6.46e-027	-966.62	-3.48e-029	9.09e-013	1.35e-012	48643.42
	6.46e-027	966.63	-3.48e-029	9.09e-013	1.35e-012	48643.42
12	1.03e-025	-9.09e-012	-4.37e-013	-2.91e-011	4.20e-011	8.19e-011
	1.03e-025	104.50	-4.37e-013	-2.91e-011	3.33e-011	1045.00
13	-1.55e-025	-62.50	4.37e-013	5.82e-011	3.33e-011	625.00
	-1.55e-025	2.64e-011	4.37e-013	5.82e-011	4.20e-011	2.04e-010
14	1.62e-027	-593.75	0.00	-9.09e-012	1.79e-012	26366.20
	1.62e-027	593.75	0.00	-9.09e-012	1.79e-012	26366.20
15	-1.55e-025	-4.55e-012	-4.37e-013	-5.82e-011	4.20e-011	6.55e-011
	-1.55e-025	62.50	-4.37e-013	-5.82e-011	3.33e-011	625.00
16	0.00	-104.50	4.37e-013	-2.33e-010	3.33e-011	1045.00
	0.00	2.73e-012	4.37e-013	-2.33e-010	4.20e-011	2.62e-010
18	6.46e-027	-966.62	-3.48e-029	1.46e-011	1.35e-012	49616.22
	6.46e-027	966.63	-3.48e-029	1.46e-011	1.35e-012	49616.22
20	0.00	-2.55e-011	-4.37e-013	1.16e-010	4.20e-011	-3.09e-011
	0.00	104.50	-4.37e-013	1.16e-010	3.33e-011	1045.00
21	-5.48e-012	-130.63	1.03e-025	-2.91e-011	0.00	1632.81
	-5.48e-012	-9.09e-013	1.03e-025	-2.91e-011	-4.14e-025	1.02e-010
22	2.90e-013	-1851.15	3.03e-028	-548.57	5.17e-026	129488.17
	2.90e-013	1123.85	3.03e-028	-548.57	-5.17e-026	27665.60
23	4.53e-013	-2476.39	0.00	825.50	-1.62e-027	144940.38
	4.53e-013	2836.11	0.00	825.50	-6.46e-027	234870.29
24	-5.48e-012	-7.28e-012	2.58e-026	1.46e-011	-4.14e-025	1.89e-010
	-5.48e-012	130.62	2.58e-026	1.46e-011	-8.27e-025	1632.81
25	5.48e-012	-130.63	1.03e-025	1.46e-011	0.00	1632.81
	5.48e-012	-6.37e-012	1.03e-025	1.46e-011	-4.14e-025	2.91e-011
26	-2.90e-013	-1851.15	3.03e-028	548.57	5.17e-026	129488.17
	-2.90e-013	1123.85	3.03e-028	548.57	-5.17e-026	27665.60
27	-4.53e-013	-2476.39	0.00	-825.50	-1.62e-027	144940.38
	-4.53e-013	2836.11	0.00	-825.50	-6.46e-027	234870.29
28	5.48e-012	1.46e-011	2.58e-026	-2.91e-011	-4.14e-025	-1.16e-010
	5.48e-012	130.63	2.58e-026	-2.91e-011	-8.27e-025	1632.81
29	0.00	603.28	0.00	528.81	0.00	-14024.17
	0.00	-3.64e-012	0.00	0.00	0.00	2.44e-009
31	0.00	1295.88	0.00	2033.37	0.00	-22362.98
	0.00	-1295.88	0.00	-2033.37	0.00	-22362.98
32	0.00	2.55e-011	0.00	0.00	0.00	1.05e-009
	0.00	-603.28	0.00	-528.81	0.00	-14024.17

33	0.00	683.05	0.00	1096.64	0.00	-15871.45
	0.00	1.82e-011	0.00	-1.46e-011	0.00	1.98e-009
34	0.00	1537.58	0.00	4314.76	0.00	-32916.32
	0.00	-1537.58	0.00	-4314.76	0.00	-32916.32
35	0.00	3.27e-011	0.00	0.00	0.00	-2.44e-009
	0.00	-683.05	0.00	-1096.64	0.00	-15871.45
36	0.00	802.28	0.00	-4277.18	0.00	-18577.96
	0.00	7.28e-011	0.00	0.00	0.00	2.33e-009
38	0.00	1852.89	0.00	-16446.70	0.00	-45782.40
	0.00	-1852.89	0.00	16446.70	0.00	-45782.40
40	0.00	1.89e-010	0.00	5.82e-011	0.00	-3.26e-009
	0.00	-802.28	0.00	4277.18	0.00	-18577.96
41	0.00	619.55	0.00	2508.13	0.00	-15620.79
	0.00	7.19e-011	0.00	0.00	0.00	-1.66e-009
42	0.00	2427.39	0.00	10499.39	0.00	-173181.69
	0.00	-1066.88	0.00	-3835.99	0.00	-3208.58
43	0.00	1329.08	0.00	13703.33	0.00	10126.33
	0.00	-1955.49	0.00	-11763.57	0.00	-125809.30
44	0.00	-7.28e-012	0.00	0.00	0.00	-2.21e-009
	0.00	-953.89	0.00	-2940.47	0.00	-25015.32
45	0.00	619.55	0.00	-2508.13	0.00	-15620.79
	0.00	2.55e-011	0.00	0.00	0.00	4.37e-010
46	0.00	2427.39	0.00	-10499.39	0.00	-173181.69
	0.00	-1066.88	0.00	3835.99	0.00	-3208.58
47	0.00	1329.08	0.00	-13703.33	0.00	10126.33
	0.00	-1955.49	0.00	11763.57	0.00	-125809.30
48	0.00	-2.91e-011	0.00	0.00	0.00	-3.96e-009
	0.00	-953.89	0.00	2940.47	0.00	-25015.32

Condizione "(1) permanenti"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	1557.62	-237.36	17.07	1.96e-012	300.10	28995.98
	1557.62	-237.36	17.07	1.96e-012	7469.28	-70697.18
4	1557.62	-237.36	-17.07	1.96e-012	-300.10	28995.98
	1557.62	-237.36	-17.07	1.96e-012	-7469.28	-70697.18
5	896.53	51.12	-27.20	1.96e-012	1816.26	-8235.21
	896.53	51.12	-27.20	1.96e-012	-9609.72	13235.23
6	896.53	51.12	27.20	1.96e-012	-1816.26	-8235.21
	896.53	51.12	27.20	1.96e-012	9609.72	13235.23
7	2291.85	186.24	0.85	1.96e-012	-1531.19	-26483.96
	2291.85	186.24	0.85	1.96e-012	-1173.61	51738.76
8	2291.85	186.24	-0.85	1.96e-012	1531.19	-26483.96
	2291.85	186.24	-0.85	1.96e-012	1173.61	51738.76
9	0.00	-30.00	1.03e-012	1.46e-011	-8.15e-012	300.00
	0.00	-2.27e-013	1.03e-012	1.46e-011	-1.67e-011	-7.28e-012
11	0.00	-277.50	-1.11e-029	9.09e-013	6.51e-014	14508.40
	0.00	277.50	-1.11e-029	9.09e-013	6.51e-014	14508.40
12	0.00	-4.55e-013	-1.03e-012	-1.46e-011	-1.67e-011	1.32e-011
	0.00	30.00	-1.03e-012	-1.46e-011	-8.15e-012	300.00
13	-2.58e-026	5.80e-012	1.03e-012	2.91e-011	-8.15e-012	-8.87e-011
	-2.58e-026	5.80e-012	1.03e-012	2.91e-011	-1.67e-011	-1.64e-011
14	4.04e-028	-1.28e-013	0.00	-4.55e-012	2.07e-013	-996.88
	4.04e-028	-1.28e-013	0.00	-4.55e-012	2.07e-013	-996.88
15	-2.58e-026	3.41e-013	-1.03e-012	-2.91e-011	-1.67e-011	1.82e-011
	-2.58e-026	3.41e-013	-1.03e-012	-2.91e-011	-8.15e-012	-5.46e-012
16	-5.17e-026	-30.00	1.03e-012	-5.82e-011	-8.15e-012	300.00
	-5.17e-026	-2.73e-012	1.03e-012	-5.82e-011	-1.67e-011	-4.37e-011
18	1.62e-027	-277.50	-1.11e-029	-3.64e-012	6.51e-014	14836.87
	1.62e-027	277.50	-1.11e-029	-3.64e-012	6.51e-014	14836.87
20	-5.17e-026	-6.14e-012	-1.03e-012	1.16e-010	-1.67e-011	6.23e-011
	-5.17e-026	30.00	-1.03e-012	1.16e-010	-8.15e-012	300.00
21	1.77e-014	-37.50	6.46e-027	-3.64e-012	0.00	468.75

	1.77e-014	-1.36e-012	6.46e-027	-3.64e-012	0.00	2.91e-011
22	1.32e-013	-904.47	0.00	1503.53	1.29e-026	63115.33
	1.32e-013	551.53	0.00	1503.53	-9.69e-027	13703.98
23	8.83e-016	-1212.62	-3.16e-030	-666.97	4.04e-028	71165.93
	8.83e-016	1387.38	-3.16e-030	-666.97	-1.62e-027	114854.09
24	1.77e-014	0.00	-1.29e-026	3.64e-012	-2.07e-025	6.55e-011
	1.77e-014	37.50	-1.29e-026	3.64e-012	2.07e-025	468.75
25	-1.77e-014	-37.50	6.46e-027	3.64e-012	0.00	468.75
	-1.77e-014	0.00	6.46e-027	3.64e-012	0.00	7.28e-012
26	-1.32e-013	-904.47	0.00	-1503.53	1.29e-026	63115.33
	-1.32e-013	551.53	0.00	-1503.53	-9.69e-027	13703.98
27	-8.83e-016	-1212.62	-3.16e-030	666.97	4.04e-028	71165.93
	-8.83e-016	1387.38	-3.16e-030	666.97	-1.62e-027	114854.09
28	-1.77e-014	0.00	-1.29e-026	-3.64e-012	-2.07e-025	-3.64e-012
	-1.77e-014	37.50	-1.29e-026	-3.64e-012	2.07e-025	468.75
29	0.00	157.57	0.00	10.24	0.00	-3665.71
	0.00	-6.37e-012	0.00	0.00	0.00	-1.46e-010
31	0.00	333.38	0.00	39.37	0.00	-5211.77
	0.00	-333.38	0.00	-39.37	0.00	-5211.77
32	0.00	1.46e-011	0.00	1.14e-013	0.00	0.00
	0.00	-157.57	0.00	-10.24	0.00	-3665.71
33	0.00	232.22	0.00	413.27	0.00	-5379.58
	0.00	-2.55e-011	0.00	0.00	0.00	-2.04e-010
34	0.00	550.94	0.00	1626.04	0.00	-14758.99
	0.00	-550.94	0.00	-1626.04	0.00	-14758.99
35	0.00	-3.64e-012	0.00	0.00	0.00	-1.16e-010
	0.00	-232.22	0.00	-413.27	0.00	-5379.58
36	0.00	259.55	0.00	-1591.43	0.00	-6003.65
	0.00	7.28e-012	0.00	0.00	0.00	1.16e-010
38	0.00	611.13	0.00	-6119.39	0.00	-16260.20
	0.00	-611.13	0.00	6119.39	0.00	-16260.20
40	0.00	2.18e-011	0.00	0.00	0.00	-1.46e-010
	0.00	-259.55	0.00	1591.43	0.00	-6003.65
41	0.00	157.13	0.00	670.57	0.00	-3927.19
	0.00	2.00e-012	0.00	0.00	0.00	-6.05e-011
42	0.00	853.25	0.00	4265.81	0.00	-66220.53
	0.00	-248.45	0.00	123.98	0.00	4258.42
43	0.00	370.45	0.00	4308.39	0.00	12937.31
	0.00	-655.44	0.00	-3582.41	0.00	-41775.88
44	0.00	-7.28e-012	0.00	7.28e-012	0.00	-6.40e-010
	0.00	-316.49	0.00	-915.59	0.00	-8347.86
45	0.00	157.13	0.00	-670.57	0.00	-3927.19
	0.00	1.36e-011	0.00	0.00	0.00	-1.77e-010
46	0.00	853.25	0.00	-4265.81	0.00	-66220.53
	0.00	-248.45	0.00	-123.98	0.00	4258.42
47	0.00	370.45	0.00	-4308.39	0.00	12937.31
	0.00	-655.44	0.00	3582.41	0.00	-41775.88
48	0.00	5.46e-012	0.00	-7.28e-012	0.00	-7.28e-010
	0.00	-316.49	0.00	915.59	0.00	-8347.86

Condizione "(1) variabili copertura"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	325.53	-50.26	3.14	4.17e-013	119.20	6146.08
	325.53	-50.26	3.14	4.17e-013	1437.21	-14964.31
4	325.53	-50.26	-3.14	4.17e-013	-119.20	6146.08
	325.53	-50.26	-3.14	4.17e-013	-1437.21	-14964.31
5	185.71	10.86	-5.30	4.17e-013	330.96	-1751.52
	185.71	10.86	-5.30	4.17e-013	-1896.76	2809.03
6	185.71	10.86	5.30	4.17e-013	-330.96	-1751.52
	185.71	10.86	5.30	4.17e-013	1896.76	2809.03
7	484.76	39.40	0.26	4.17e-013	-333.40	-5603.55
	484.76	39.40	0.26	4.17e-013	-224.06	10946.29

8	484.76	39.40	-0.26	4.17e-013	333.40	-5603.55
	484.76	39.40	-0.26	4.17e-013	224.06	10946.29
9	0.00	-6.00	-2.20e-013	1.82e-012	9.69e-013	60.00
	0.00	-2.84e-013	-2.20e-013	1.82e-012	2.05e-013	-9.09e-012
11	0.00	-55.50	-2.37e-030	2.27e-013	2.16e-013	2904.46
	0.00	55.50	-2.37e-030	2.27e-013	2.16e-013	2904.46
12	0.00	0.00	2.20e-013	-1.82e-012	2.05e-013	-3.47e-012
	0.00	6.00	2.20e-013	-1.82e-012	9.69e-013	60.00
13	4.85e-027	8.81e-013	-2.20e-013	7.28e-012	9.69e-013	-2.42e-011
	4.85e-027	8.81e-013	-2.20e-013	7.28e-012	2.05e-013	4.55e-013
14	-2.02e-028	-2.40e-014	0.00	-6.82e-013	-2.08e-013	-200.82
	-2.02e-028	-2.40e-014	0.00	-6.82e-013	-2.08e-013	-200.82
15	4.85e-027	-7.96e-013	2.20e-013	-3.64e-012	2.05e-013	-5.80e-012
	4.85e-027	-7.96e-013	2.20e-013	-3.64e-012	9.69e-013	-3.64e-012
16	-1.29e-026	-6.00	-2.20e-013	-1.46e-011	9.69e-013	60.00
	-1.29e-026	-5.68e-013	-2.20e-013	-1.46e-011	2.05e-013	-6.37e-012
18	4.04e-028	-55.50	-2.37e-030	-2.73e-012	2.16e-013	2975.60
	4.04e-028	55.50	-2.37e-030	-2.73e-012	2.16e-013	2975.60
20	-1.29e-026	-5.12e-013	2.20e-013	1.46e-011	2.05e-013	-2.87e-012
	-1.29e-026	6.00	2.20e-013	1.46e-011	9.69e-013	60.00
21	-8.74e-013	-7.50	3.23e-027	-9.09e-013	0.00	93.75
	-8.74e-013	-4.55e-013	3.23e-027	-9.09e-013	0.00	-1.82e-012
22	1.95e-014	-191.29	-6.31e-030	296.65	0.00	13344.63
	1.95e-014	116.71	-6.31e-030	296.65	-1.62e-027	2902.78
23	-2.09e-014	-256.53	-1.58e-030	-128.22	-5.05e-028	15058.06
	-2.09e-014	293.47	-1.58e-030	-128.22	-8.08e-028	24290.92
24	-8.74e-013	-9.09e-013	1.62e-027	9.09e-013	2.58e-026	8.19e-012
	-8.74e-013	7.50	1.62e-027	9.09e-013	0.00	93.75
25	8.74e-013	-7.50	3.23e-027	9.09e-013	0.00	93.75
	8.74e-013	-1.71e-013	3.23e-027	9.09e-013	0.00	0.00
26	-1.95e-014	-191.29	-6.31e-030	-296.65	0.00	13344.63
	-1.95e-014	116.71	-6.31e-030	-296.65	-1.62e-027	2902.78
27	2.09e-014	-256.53	-1.58e-030	128.22	-5.05e-028	15058.06
	2.09e-014	293.47	-1.58e-030	128.22	-8.08e-028	24290.92
28	8.74e-013	4.55e-013	1.62e-027	-9.09e-013	2.58e-026	-1.00e-011
	8.74e-013	7.50	1.62e-027	-9.09e-013	0.00	93.75
29	0.00	32.67	0.00	-0.14	0.00	-759.95
	0.00	2.96e-012	0.00	0.00	0.00	8.00e-011
31	0.00	69.23	0.00	-0.52	0.00	-1093.94
	0.00	-69.23	0.00	0.52	0.00	-1093.94
32	0.00	3.87e-012	0.00	0.00	0.00	4.73e-011
	0.00	-32.67	0.00	0.14	0.00	-759.95
33	0.00	49.09	0.00	86.83	0.00	-1137.03
	0.00	-1.14e-012	0.00	0.00	0.00	-8.73e-011
34	0.00	116.75	0.00	341.63	0.00	-3155.73
	0.00	-116.75	0.00	-341.63	0.00	-3155.73
35	0.00	-1.82e-012	0.00	0.00	0.00	4.00e-011
	0.00	-49.09	0.00	-86.83	0.00	-1137.03
36	0.00	54.23	0.00	-334.29	0.00	-1254.24
	0.00	2.50e-012	0.00	3.64e-012	0.00	6.55e-011
38	0.00	128.01	0.00	-1285.42	0.00	-3436.96
	0.00	-128.01	0.00	1285.42	0.00	-3436.96
40	0.00	-4.55e-013	0.00	0.00	0.00	-5.82e-011
	0.00	-54.23	0.00	334.29	0.00	-1254.24
41	0.00	32.51	0.00	138.70	0.00	-811.94
	0.00	4.70e-012	0.00	-1.82e-012	0.00	7.96e-012
42	0.00	180.28	0.00	921.03	0.00	-14028.32
	0.00	-51.30	0.00	56.14	0.00	940.25
43	0.00	77.08	0.00	885.55	0.00	2779.51
	0.00	-138.64	0.00	-764.27	0.00	-8853.24
44	0.00	1.36e-012	0.00	1.82e-012	0.00	-1.31e-010

	0.00	-66.21	0.00	-190.33	0.00	-1746.86
45	0.00	32.51	0.00	-138.70	0.00	-811.94
	0.00	2.19e-012	0.00	0.00	0.00	-2.02e-011
46	0.00	180.28	0.00	-921.03	0.00	-14028.32
	0.00	-51.30	0.00	-56.14	0.00	940.25
47	0.00	77.08	0.00	-885.55	0.00	2779.51
	0.00	-136.64	0.00	764.27	0.00	-8853.24
48	0.00	1.36e-012	0.00	0.00	0.00	-2.33e-010
	0.00	-66.21	0.00	190.33	0.00	-1746.86

Condizione "(1) neve"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	534.77	-82.22	5.38	6.08e-013	165.79	10050.76
	534.77	-82.22	5.38	6.08e-013	2426.82	-24482.26
4	534.77	-82.22	-5.38	6.08e-013	-165.79	10050.76
	534.77	-82.22	-5.38	6.08e-013	-2426.82	-24482.26
5	305.96	17.74	-8.92	6.08e-013	569.54	-2861.16
	305.96	17.74	-8.92	6.08e-013	-3175.26	4591.73
6	305.96	17.74	8.92	6.08e-013	-569.54	-2861.16
	305.96	17.74	8.92	6.08e-013	3175.26	4591.73
7	793.27	64.48	0.38	6.08e-013	-540.58	-9168.83
	793.27	64.48	0.38	6.08e-013	-379.36	17911.30
8	793.27	64.48	-0.38	6.08e-013	540.58	-9168.83
	793.27	64.48	-0.38	6.08e-013	379.36	17911.30
9	-6.46e-027	-10.00	6.93e-013	3.64e-012	-1.50e-012	100.00
	-6.46e-027	-3.98e-013	6.93e-013	3.64e-012	-2.20e-012	-1.64e-011
11	-4.04e-028	-92.50	-3.45e-030	-1.14e-013	1.46e-013	4839.22
	-4.04e-028	92.50	-3.45e-030	-1.14e-013	1.46e-013	4839.22
12	-6.46e-027	-2.27e-013	-6.93e-013	-3.64e-012	-2.20e-012	-2.44e-012
	-6.46e-027	10.00	-6.93e-013	-3.64e-012	-1.50e-012	100.00
13	3.23e-027	1.93e-012	6.93e-013	7.28e-012	-1.50e-012	-3.93e-011
	3.23e-027	1.93e-012	6.93e-013	7.28e-012	-2.20e-012	6.37e-012
14	4.04e-028	-4.35e-014	0.00	0.00	1.90e-013	-333.89
	4.04e-028	-4.35e-014	0.00	0.00	1.90e-013	-333.89
15	3.23e-027	1.17e-012	-6.93e-013	-7.28e-012	-2.20e-012	-1.41e-011
	3.23e-027	1.17e-012	-6.93e-013	-7.28e-012	-1.50e-012	1.82e-012
16	1.29e-026	-10.00	6.93e-013	-5.82e-011	-1.50e-012	100.00
	1.29e-026	-1.99e-012	6.93e-013	-5.82e-011	-2.20e-012	3.64e-012
18	0.00	-92.50	-3.45e-030	-5.46e-012	1.46e-013	4954.76
	0.00	92.50	-3.45e-030	-5.46e-012	1.46e-013	4954.76
20	1.29e-026	-2.50e-012	-6.93e-013	0.00	-2.20e-012	-1.25e-012
	1.29e-026	10.00	-6.93e-013	0.00	-1.50e-012	100.00
21	7.54e-013	-12.50	6.46e-027	-1.82e-012	0.00	156.25
	7.54e-013	-5.68e-013	6.46e-027	-1.82e-012	0.00	0.00
22	-3.01e-014	-313.04	-1.26e-029	496.67	1.62e-027	21840.18
	-3.01e-014	190.96	-1.26e-029	496.67	-3.23e-027	4747.98
23	-7.77e-015	-419.77	6.31e-030	-216.58	6.06e-028	24638.51
	-7.77e-015	480.23	6.31e-030	-216.58	-8.08e-028	39751.47
24	7.54e-013	-9.09e-013	-3.23e-027	1.82e-012	5.17e-026	1.09e-011
	7.54e-013	12.50	-3.23e-027	1.82e-012	0.00	156.25
25	-7.54e-013	-12.50	6.46e-027	1.82e-012	0.00	156.25
	-7.54e-013	-1.14e-013	6.46e-027	1.82e-012	0.00	3.64e-012
26	3.01e-014	-313.04	-1.26e-029	-496.67	1.62e-027	21840.18
	3.01e-014	190.96	-1.26e-029	-496.67	-3.23e-027	4747.98
27	7.77e-015	-419.77	6.31e-030	216.58	6.06e-028	24638.51
	7.77e-015	480.23	6.31e-030	216.58	-8.08e-028	39751.47
28	-7.54e-013	-9.09e-013	-3.23e-027	-1.82e-012	5.17e-026	-2.73e-011
	-7.54e-013	12.50	-3.23e-027	-1.82e-012	0.00	156.25
29	0.00	53.81	0.00	0.99	0.00	-1251.69
	0.00	1.36e-012	0.00	0.00	0.00	2.91e-011
31	0.00	113.96	0.00	3.79	0.00	-1794.58
	0.00	-113.96	0.00	-3.79	0.00	-1794.58

32	0.00	3.18e-012	0.00	0.00	0.00	6.55e-011
	0.00	-53.81	0.00	-0.99	0.00	-1251.69
33	0.00	80.35	0.00	142.39	0.00	-1861.10
	0.00	-9.55e-012	0.00	-1.82e-012	0.00	-8.73e-011
34	0.00	190.93	0.00	560.26	0.00	-5146.26
	0.00	-190.93	0.00	-560.26	0.00	-5146.26
35	0.00	4.09e-012	0.00	0.00	0.00	2.91e-011
	0.00	-80.35	0.00	-142.39	0.00	-1861.10
36	0.00	89.10	0.00	-548.26	0.00	-2060.68
	0.00	3.64e-012	0.00	0.00	0.00	1.16e-010
38	0.00	210.14	0.00	-2108.18	0.00	-5625.53
	0.00	-210.14	0.00	2108.18	0.00	-5625.53
40	0.00	4.55e-013	0.00	-7.28e-012	0.00	7.28e-011
	0.00	-89.10	0.00	548.26	0.00	-2060.68
41	0.00	53.58	0.00	228.62	0.00	-1338.51
	0.00	2.90e-012	0.00	0.00	0.00	-2.93e-011
42	0.00	295.11	0.00	1497.35	0.00	-22944.86
	0.00	-84.61	0.00	76.15	0.00	1517.88
43	0.00	126.80	0.00	1462.66	0.00	4525.82
	0.00	-226.88	0.00	-1247.24	0.00	-14478.69
44	0.00	-9.09e-013	0.00	3.64e-012	0.00	-3.06e-010
	0.00	-108.74	0.00	-313.22	0.00	-2868.50
45	0.00	53.58	0.00	-228.62	0.00	-1338.51
	0.00	4.69e-012	0.00	-1.82e-012	0.00	2.32e-011
46	0.00	295.11	0.00	-1497.35	0.00	-22944.86
	0.00	-84.61	0.00	-76.15	0.00	1517.88
47	0.00	126.80	0.00	-1462.66	0.00	4525.82
	0.00	-226.88	0.00	1247.24	0.00	-14478.69
48	0.00	-6.37e-012	0.00	0.00	0.00	-1.75e-010
	0.00	-108.74	0.00	313.22	0.00	-2868.50

Condizione "(1) muretti d'attico"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	695.26	-66.72	38.98	6.83e-013	-3936.96	7859.21
	695.26	-66.72	38.98	6.83e-013	12433.52	-20163.31
4	695.26	-66.72	-38.98	6.83e-013	3936.96	7859.21
	695.26	-66.72	-38.98	6.83e-013	-12433.52	-20163.31
5	505.03	13.64	-43.65	6.83e-013	4733.97	-2086.11
	505.03	13.64	-43.65	6.83e-013	-13598.65	3643.42
6	505.03	13.64	43.65	6.83e-013	-4733.97	-2086.11
	505.03	13.64	43.65	6.83e-013	13598.65	3643.42
7	974.71	53.08	-36.31	6.83e-013	4236.12	-7397.60
	974.71	53.08	-36.31	6.83e-013	-11013.68	14895.40
8	974.71	53.08	36.31	6.83e-013	-4236.12	-7397.60
	974.71	53.08	36.31	6.83e-013	11013.68	14895.40
9	0.00	-30.00	3.01e-013	1.82e-012	-5.03e-012	300.00
	0.00	2.27e-013	3.01e-013	1.82e-012	-6.28e-012	7.28e-012
11	8.08e-028	-277.50	-3.88e-030	1.02e-012	-5.98e-014	13745.43
	8.08e-028	277.50	-3.88e-030	1.02e-012	-5.98e-014	13745.43
12	0.00	-4.55e-013	-3.01e-013	-1.82e-012	-6.28e-012	-1.14e-012
	0.00	30.00	-3.01e-013	-1.82e-012	-5.03e-012	300.00
13	6.46e-027	-30.00	3.01e-013	7.28e-012	-5.03e-012	300.00
	6.46e-027	1.36e-012	3.01e-013	7.28e-012	-6.28e-012	-2.91e-011
14	-2.02e-028	-285.00	0.00	-9.09e-013	-1.04e-014	13450.48
	-2.02e-028	285.00	0.00	-9.09e-013	-1.04e-014	13450.48
15	6.46e-027	0.00	-3.01e-013	-7.28e-012	-6.28e-012	-3.27e-011
	6.46e-027	30.00	-3.01e-013	-7.28e-012	-5.03e-012	300.00
16	0.00	-30.00	3.01e-013	-1.46e-011	-5.03e-012	300.00
	0.00	2.27e-013	3.01e-013	-1.46e-011	-6.28e-012	-3.64e-011
18	1.21e-027	-277.50	-3.88e-030	-1.82e-012	-5.98e-014	13976.40
	1.21e-027	277.50	-3.88e-030	-1.82e-012	-5.98e-014	13976.40
20	0.00	4.55e-013	-3.01e-013	1.46e-011	-6.28e-012	-2.02e-011

	0.00	30.00	-3.01e-013	1.46e-011	-5.03e-012	300.00
21	-1.07e-013	-37.50	0.00	-7.28e-012	0.00	468.75
	-1.07e-013	5.68e-013	0.00	-7.28e-012	2.58e-026	5.46e-012
22	-9.51e-015	-259.97	-1.26e-029	-1290.86	1.62e-027	18104.43
	-9.51e-015	160.03	-1.26e-029	-1290.86	0.00	4112.17
23	1.74e-014	-350.26	4.73e-030	845.94	1.41e-027	20632.06
	1.74e-014	399.74	4.73e-030	845.94	1.62e-027	32999.83
24	-1.07e-013	-9.09e-013	6.46e-027	7.28e-012	-1.03e-025	8.19e-012
	-1.07e-013	37.50	6.46e-027	7.28e-012	0.00	468.75
25	1.07e-013	-37.50	0.00	7.28e-012	0.00	468.75
	1.07e-013	-5.68e-013	0.00	7.28e-012	2.58e-026	5.46e-012
26	9.51e-015	-259.97	-1.26e-029	1290.86	1.62e-027	18104.43
	9.51e-015	160.03	-1.26e-029	1290.86	0.00	4112.17
27	-1.74e-014	-350.26	4.73e-030	-845.94	1.41e-027	20632.06
	-1.74e-014	399.74	4.73e-030	-845.94	1.62e-027	32999.83
28	1.07e-013	9.09e-013	6.46e-027	0.00	-1.03e-025	-1.18e-011
	1.07e-013	37.50	6.46e-027	0.00	0.00	468.75
29	0.00	89.99	0.00	68.31	0.00	-2105.88
	0.00	3.64e-012	0.00	0.00	0.00	2.91e-011
31	0.00	168.29	0.00	262.65	0.00	-237.97
	0.00	-168.29	0.00	-262.65	0.00	-237.97
32	0.00	8.19e-012	0.00	0.00	0.00	-2.91e-011
	0.00	-89.99	0.00	-68.31	0.00	-2105.88
33	0.00	104.57	0.00	157.08	0.00	-2442.54
	0.00	-1.82e-012	0.00	1.82e-012	0.00	0.00
34	0.00	213.21	0.00	618.02	0.00	-2233.21
	0.00	-213.21	0.00	-618.02	0.00	-2233.21
35	0.00	0.00	0.00	-1.82e-012	0.00	5.82e-011
	0.00	-104.57	0.00	-157.08	0.00	-2442.54
36	0.00	117.35	0.00	-612.39	0.00	-2730.57
	0.00	-9.09e-012	0.00	-7.28e-012	0.00	1.16e-010
38	0.00	247.45	0.00	-2354.79	0.00	-3777.28
	0.00	-247.45	0.00	2354.79	0.00	-3777.28
40	0.00	8.19e-012	0.00	0.00	0.00	-1.31e-010
	0.00	-117.35	0.00	612.39	0.00	-2730.57
41	0.00	90.00	0.00	450.40	0.00	-2266.75
	0.00	-5.68e-013	0.00	-3.64e-012	0.00	-2.04e-010
42	0.00	361.74	0.00	1830.75	0.00	-25789.97
	0.00	-156.75	0.00	-731.96	0.00	-511.60
43	0.00	193.32	0.00	2242.61	0.00	1296.34
	0.00	-295.19	0.00	-2196.05	0.00	-19167.46
44	0.00	4.55e-012	0.00	3.64e-012	0.00	-5.24e-010
	0.00	-137.14	0.00	-501.99	0.00	-3595.70
45	0.00	90.00	0.00	-450.40	0.00	-2266.75
	0.00	5.00e-012	0.00	3.64e-012	0.00	-1.64e-010
46	0.00	361.74	0.00	-1830.75	0.00	-25789.97
	0.00	-156.75	0.00	731.96	0.00	-511.60
47	0.00	193.32	0.00	-2242.61	0.00	1296.34
	0.00	-295.19	0.00	2196.05	0.00	-19167.46
48	0.00	3.64e-012	0.00	-3.64e-012	0.00	-3.78e-010
	0.00	-137.14	0.00	501.99	0.00	-3595.70

Condizione "(1) Torcente di piano SLD"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	-80.40	-44.16	-138.07	-5864.28	35347.92	10569.25
	-80.40	-44.16	-138.07	-5864.28	-22642.12	-7978.82
4	80.40	44.16	-138.07	-5864.28	35347.92	-10569.25
	80.40	44.16	-138.07	-5864.28	-22642.12	7978.82
5	-33.57	48.52	121.73	-5864.28	-30941.29	-11118.94
	-33.57	48.52	121.73	-5864.28	20183.91	9259.22
6	33.57	-48.52	121.73	-5864.28	-30941.29	11118.94
	33.57	-48.52	121.73	-5864.28	20183.91	-9259.22

7	-47.56	81.32	16.34	-5864.28	-4033.27	-19073.57
	-47.56	81.32	16.34	-5864.28	2831.56	15079.43
8	47.56	-81.32	16.34	-5864.28	-4033.27	19073.57
	47.56	-81.32	16.34	-5864.28	2831.56	-15079.43
9	0.00	-9.09e-013	-1.46e-011	7.28e-012	0.00	7.28e-012
	0.00	-9.09e-013	-1.46e-011	7.28e-012	-1.16e-010	-1.46e-011
11	0.00	85.40	6.31e-030	2255.16	-1.64e-011	-15798.80
	0.00	85.40	6.31e-030	2255.16	1.64e-011	15798.80
12	0.00	9.09e-013	-1.46e-011	3.64e-012	1.16e-010	-8.19e-012
	0.00	9.09e-013	-1.46e-011	3.64e-012	-2.33e-010	-1.46e-011
13	0.00	3.41e-013	-1.46e-011	3.64e-012	4.66e-010	-6.82e-012
	0.00	3.41e-013	-1.46e-011	3.64e-012	-1.16e-010	3.64e-012
14	0.00	15.33	-6.66e-014	2730.32	3.64e-012	-2912.35
	0.00	15.33	-6.66e-014	2730.32	-5.46e-012	2912.35
15	0.00	-3.41e-013	-1.46e-011	3.64e-012	0.00	1.36e-012
	0.00	-3.41e-013	-1.46e-011	3.64e-012	0.00	-3.64e-012
16	0.00	9.09e-013	-1.46e-011	7.28e-012	0.00	7.28e-012
	0.00	9.09e-013	-1.46e-011	7.28e-012	-1.16e-010	0.00
18	0.00	-99.99	6.31e-030	3024.34	-1.64e-011	18498.98
	0.00	-99.99	6.31e-030	3024.34	1.64e-011	-18498.98
20	0.00	-9.09e-013	-1.46e-011	3.64e-012	1.16e-010	6.37e-012
	0.00	-9.09e-013	-1.46e-011	3.64e-012	-2.33e-010	0.00
21	0.00	0.00	-2.91e-011	-1.46e-011	0.00	-4.32e-012
	0.00	0.00	-2.91e-011	-1.46e-011	0.00	-3.64e-012
22	0.00	51.83	1.14e-013	4125.97	-1.46e-011	-7507.80
	0.00	51.83	1.14e-013	4125.97	1.46e-011	7004.05
23	0.00	19.59	0.00	4045.18	0.00	-4954.49
	0.00	19.59	0.00	4045.18	3.64e-012	4841.32
24	0.00	0.00	0.00	-1.46e-011	0.00	-4.55e-012
	0.00	0.00	0.00	-1.46e-011	0.00	3.64e-012
25	0.00	3.41e-013	-2.91e-011	-2.18e-011	0.00	5.46e-012
	0.00	3.41e-013	-2.91e-011	-2.18e-011	0.00	3.64e-012
26	0.00	-51.83	1.14e-013	4125.97	-1.46e-011	7507.80
	0.00	-51.83	1.14e-013	4125.97	1.46e-011	-7004.05
27	-1.82e-012	-19.59	0.00	4045.18	0.00	4954.49
	-1.82e-012	-19.59	0.00	4045.18	3.64e-012	-4841.32
28	0.00	2.27e-013	0.00	-1.46e-011	0.00	-7.50e-012
	0.00	2.27e-013	0.00	-1.46e-011	0.00	-3.64e-012
29	0.00	30.97	0.00	-64.24	0.00	-788.72
	0.00	1.82e-012	0.00	0.00	0.00	1.16e-010
31	0.00	129.07	0.00	1266.37	0.00	-23647.77
	0.00	129.07	0.00	1266.37	0.00	23647.77
32	0.00	-9.09e-013	0.00	0.00	0.00	-7.28e-011
	0.00	30.97	0.00	-64.24	0.00	788.72
33	0.00	14.90	0.00	-116.06	0.00	-357.58
	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	3.37	0.00	2235.74	0.00	-3068.96
	0.00	3.37	0.00	2235.74	0.00	3068.96
35	0.00	-9.09e-013	0.00	0.00	0.00	1.09e-011
	0.00	14.90	0.00	-116.06	0.00	357.58
36	0.00	-48.91	0.00	-33.08	0.00	1215.04
	0.00	-9.09e-013	0.00	0.00	0.00	-1.46e-010
38	0.00	-126.23	0.00	652.10	0.00	26121.23
	0.00	-126.23	0.00	652.10	0.00	-26121.23
40	0.00	0.00	0.00	0.00	0.00	1.02e-010
	0.00	-48.91	0.00	-33.08	0.00	-1215.04
41	0.00	-18.59	0.00	-504.23	0.00	446.46
	0.00	-5.68e-013	0.00	3.64e-012	0.00	2.55e-011
42	0.00	31.58	0.00	3493.05	0.00	-7964.75
	0.00	113.07	0.00	5187.38	0.00	10234.79
43	0.00	121.59	0.00	6348.34	0.00	-10777.40

	0.00	67.62	0.00	4099.78	0.00	8757.02
44	0.00	3.24e-012	0.00	0.00	0.00	-1.17e-010
	0.00	-36.14	0.00	-630.12	0.00	-893.33
45	0.00	18.59	0.00	-504.23	0.00	-446.46
	0.00	3.41e-013	0.00	3.64e-012	0.00	-2.18e-011
46	0.00	-31.58	0.00	3493.05	0.00	7964.75
	0.00	-113.07	0.00	5187.38	0.00	-10234.79
47	0.00	-121.59	0.00	6348.34	0.00	10777.40
	0.00	-67.62	0.00	4099.78	0.00	-8757.02
48	0.00	-2.56e-012	0.00	0.00	0.00	1.02e-010
	0.00	36.14	0.00	-630.12	0.00	893.33

Condizione "(1) Torcente di piano SLV"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	-110.21	-60.54	-189.26	-8038.57	48453.80	14488.00
	-110.21	-60.54	-189.26	-8038.57	-31037.09	-10937.12
4	110.21	60.54	-189.26	-8038.57	48453.80	-14488.00
	110.21	60.54	-189.26	-8038.57	-31037.09	10937.12
5	-46.02	66.51	166.86	-8038.57	-42413.33	-15241.49
	-46.02	66.51	166.86	-8038.57	27667.46	12692.24
6	46.02	-66.51	166.86	-8038.57	-42413.33	15241.49
	46.02	-66.51	166.86	-8038.57	27667.46	-12692.24
7	-65.20	111.47	22.40	-8038.57	-5528.68	-26145.44
	-65.20	111.47	22.40	-8038.57	3881.42	20670.40
8	65.20	-111.47	22.40	-8038.57	-5528.68	26145.44
	65.20	-111.47	22.40	-8038.57	3881.42	-20670.40
9	0.00	0.00	0.00	3.64e-012	0.00	0.00
	0.00	0.00	0.00	3.64e-012	0.00	0.00
11	0.00	117.06	6.31e-030	3091.31	-2.55e-011	-21656.49
	0.00	117.06	6.31e-030	3091.31	2.18e-011	21656.49
12	0.00	9.09e-013	-2.91e-011	7.28e-012	2.33e-010	9.09e-013
	0.00	9.09e-013	-2.91e-011	7.28e-012	-4.66e-010	-2.91e-011
13	0.00	3.41e-013	0.00	7.28e-012	2.33e-010	-6.37e-012
	0.00	3.41e-013	0.00	7.28e-012	0.00	3.64e-012
14	0.00	21.01	-9.13e-014	3742.63	3.64e-012	-3992.16
	0.00	21.01	-9.13e-014	3742.63	-7.28e-012	3992.16
15	0.00	-1.14e-013	-2.91e-011	7.28e-012	0.00	2.73e-012
	0.00	-1.14e-013	-2.91e-011	7.28e-012	0.00	3.64e-012
16	0.00	0.00	0.00	7.28e-012	0.00	-7.28e-012
	0.00	0.00	0.00	7.28e-012	0.00	-2.91e-011
18	0.00	-137.07	6.31e-030	4145.66	-2.55e-011	25357.81
	0.00	-137.07	6.31e-030	4145.66	2.18e-011	-25357.81
20	0.00	-2.73e-012	-2.91e-011	7.28e-012	2.33e-010	5.46e-012
	0.00	-2.73e-012	-2.91e-011	7.28e-012	-4.66e-010	0.00
21	0.00	0.00	-2.91e-011	-1.46e-011	0.00	-1.16e-011
	0.00	0.00	-2.91e-011	-1.46e-011	0.00	-3.64e-012
22	0.00	71.04	0.00	5655.74	-2.91e-011	-10291.45
	0.00	71.04	0.00	5655.74	2.91e-011	9600.93
23	0.00	26.86	0.00	5545.00	1.82e-012	-6791.45
	0.00	26.86	0.00	5545.00	0.00	6636.32
24	0.00	0.00	0.00	-1.46e-011	0.00	1.82e-012
	0.00	0.00	0.00	-1.46e-011	0.00	7.28e-012
25	0.00	0.00	-2.91e-011	-2.91e-011	0.00	8.87e-012
	0.00	0.00	-2.91e-011	-2.91e-011	0.00	0.00
26	0.00	-71.04	0.00	5655.74	-2.91e-011	10291.45
	0.00	-71.04	0.00	5655.74	2.91e-011	-9600.93
27	-3.64e-012	-26.86	0.00	5545.00	1.82e-012	6791.45
	-3.64e-012	-26.86	0.00	5545.00	0.00	-6636.32
28	0.00	-6.82e-013	0.00	-2.91e-011	0.00	1.23e-011
	0.00	-6.82e-013	0.00	-2.91e-011	0.00	-7.28e-012
29	0.00	42.45	0.00	-88.06	0.00	-1081.15
	0.00	2.73e-012	0.00	-9.09e-013	0.00	1.46e-010

31	0.00	176.92	0.00	1735.90	0.00	-32415.61
	0.00	176.92	0.00	1735.90	0.00	32415.61
32	0.00	-7.28e-012	0.00	9.09e-013	0.00	2.91e-011
	0.00	42.45	0.00	-88.06	0.00	1081.15
33	0.00	20.42	0.00	-159.09	0.00	-490.16
	0.00	-2.50e-012	0.00	0.00	0.00	2.91e-011
34	0.00	4.62	0.00	3064.69	0.00	-4206.84
	0.00	4.62	0.00	3064.69	0.00	4206.84
35	0.00	-1.36e-012	0.00	-1.82e-012	0.00	7.28e-012
	0.00	20.42	0.00	-159.09	0.00	490.16
36	0.00	-67.04	0.00	-45.35	0.00	1665.54
	0.00	-1.82e-012	0.00	-4.55e-013	0.00	-2.04e-010
38	0.00	-173.04	0.00	893.88	0.00	35806.15
	0.00	-173.04	0.00	893.88	0.00	-35806.15
40	0.00	1.82e-012	0.00	0.00	0.00	1.75e-010
	0.00	-67.04	0.00	-45.35	0.00	-1665.54
41	0.00	-25.49	0.00	-691.18	0.00	612.00
	0.00	-1.14e-012	0.00	0.00	0.00	2.91e-011
42	0.00	43.29	0.00	4788.16	0.00	-10917.82
	0.00	155.00	0.00	7110.70	0.00	14029.52
43	0.00	166.68	0.00	8702.10	0.00	-14773.32
	0.00	92.69	0.00	5619.84	0.00	12003.85
44	0.00	1.42e-012	0.00	0.00	0.00	-1.55e-010
	0.00	-49.54	0.00	-863.75	0.00	-1224.55
45	0.00	25.49	0.00	-691.18	0.00	-612.00
	0.00	4.55e-013	0.00	0.00	0.00	-5.82e-011
46	0.00	-43.29	0.00	4788.16	0.00	10917.82
	0.00	-155.00	0.00	7110.70	0.00	-14029.52
47	0.00	-166.68	0.00	8702.10	0.00	14773.32
	0.00	-92.69	0.00	5619.84	0.00	-12003.85
48	0.00	-2.84e-013	0.00	7.28e-012	0.00	5.55e-011
	0.00	49.54	0.00	-863.75	0.00	1224.55

Condizione "(1) Torcente di piano SLO"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	-92.88	-51.02	-159.50	-6774.36	40833.54	12209.49
	-92.88	-51.02	-159.50	-6774.36	-26155.94	-9217.05
4	92.88	51.02	-159.50	-6774.36	40833.54	-12209.49
	92.88	51.02	-159.50	-6774.36	-26155.94	9217.05
5	-38.78	56.05	140.62	-6774.36	-35743.05	-12844.48
	-38.78	56.05	140.62	-6774.36	23316.24	10696.15
6	38.78	-56.05	140.62	-6774.36	-35743.05	12844.48
	38.78	-56.05	140.62	-6774.36	23316.24	-10696.15
7	-54.95	93.94	18.88	-6774.36	-4659.19	-22033.59
	-54.95	93.94	18.88	-6774.36	3270.99	17419.60
8	54.95	-93.94	18.88	-6774.36	-4659.19	22033.59
	54.95	-93.94	18.88	-6774.36	3270.99	-17419.60
9	0.00	0.00	-1.46e-011	7.28e-012	0.00	0.00
	0.00	0.00	-1.46e-011	7.28e-012	-1.16e-010	0.00
11	0.00	98.65	0.00	2605.14	-1.82e-011	-18250.61
	0.00	98.65	0.00	2605.14	1.82e-011	18250.61
12	0.00	1.82e-012	-1.46e-011	3.64e-012	2.33e-010	-1.23e-011
	0.00	1.82e-012	-1.46e-011	3.64e-012	-2.33e-010	1.46e-011
13	0.00	6.82e-013	-1.46e-011	7.28e-012	4.66e-010	-1.36e-011
	0.00	6.82e-013	-1.46e-011	7.28e-012	-1.16e-010	1.09e-011
14	0.00	17.71	-7.69e-014	3154.04	3.64e-012	-3364.32
	0.00	17.71	-7.69e-014	3154.04	-3.64e-012	3364.32
15	0.00	0.00	-1.46e-011	3.64e-012	0.00	-2.73e-012
	0.00	0.00	-1.46e-011	3.64e-012	0.00	0.00
16	0.00	-1.82e-012	-1.46e-011	3.64e-012	0.00	1.46e-011
	0.00	-1.82e-012	-1.46e-011	3.64e-012	-1.16e-010	1.46e-011
18	0.00	-115.51	0.00	3493.68	-1.82e-011	21369.83

	0.00	-115.51	0.00	3493.68	1.82e-011	-21369.83
20	0.00	-3.64e-012	-1.46e-011	1.09e-011	2.33e-010	4.59e-011
	0.00	-3.64e-012	-1.46e-011	1.09e-011	-2.33e-010	-2.91e-011
21	0.00	0.00	-2.91e-011	-1.46e-011	0.00	-6.82e-012
	0.00	0.00	-2.91e-011	-1.46e-011	0.00	7.28e-012
22	0.00	59.87	0.00	4766.27	-2.91e-011	-8672.93
	0.00	59.87	0.00	4766.27	1.46e-011	8091.01
23	0.00	22.63	0.00	4672.95	0.00	-5723.37
	0.00	22.63	0.00	4672.95	0.00	5592.64
24	0.00	0.00	0.00	-1.46e-011	0.00	3.64e-012
	0.00	0.00	0.00	-1.46e-011	0.00	7.28e-012
25	0.00	-3.41e-013	-2.91e-011	-1.46e-011	0.00	5.68e-012
	0.00	-3.41e-013	-2.91e-011	-1.46e-011	0.00	0.00
26	0.00	-59.87	0.00	4766.27	-2.91e-011	8672.93
	0.00	-59.87	0.00	4766.27	1.46e-011	-8091.01
27	-3.64e-012	-22.63	0.00	4672.95	0.00	5723.37
	-3.64e-012	-22.63	0.00	4672.95	0.00	-5592.64
28	0.00	0.00	0.00	-1.46e-011	0.00	1.82e-012
	0.00	0.00	0.00	-1.46e-011	0.00	-1.46e-011
29	0.00	35.78	0.00	-74.21	0.00	-911.12
	0.00	3.64e-012	0.00	-9.09e-013	0.00	1.75e-010
31	0.00	149.10	0.00	1462.89	0.00	-27317.66
	0.00	149.10	0.00	1462.89	0.00	27317.66
32	0.00	-2.73e-012	0.00	0.00	0.00	-1.46e-011
	0.00	35.78	0.00	-74.21	0.00	911.12
33	0.00	17.21	0.00	-134.07	0.00	-413.07
	0.00	-1.36e-012	0.00	0.00	0.00	-2.18e-011
34	0.00	3.89	0.00	2582.71	0.00	-3545.23
	0.00	3.89	0.00	2582.71	0.00	3545.23
35	0.00	-4.55e-013	0.00	1.82e-012	0.00	0.00
	0.00	17.21	0.00	-134.07	0.00	413.07
36	0.00	-56.50	0.00	-38.22	0.00	1403.60
	0.00	-6.37e-012	0.00	0.00	0.00	-2.04e-010
38	0.00	-145.82	0.00	753.30	0.00	30174.97
	0.00	-145.82	0.00	753.30	0.00	-30174.97
40	0.00	-1.82e-012	0.00	0.00	0.00	1.46e-010
	0.00	-56.50	0.00	-38.22	0.00	-1403.60
41	0.00	-21.48	0.00	-582.48	0.00	515.75
	0.00	-1.71e-012	0.00	0.00	0.00	2.55e-011
42	0.00	36.48	0.00	4035.13	0.00	-9200.79
	0.00	130.62	0.00	5992.41	0.00	11823.12
43	0.00	140.46	0.00	7333.53	0.00	-12449.94
	0.00	78.11	0.00	4736.02	0.00	10116.02
44	0.00	1.99e-012	0.00	0.00	0.00	-1.22e-010
	0.00	-41.75	0.00	-727.91	0.00	-1031.96
45	0.00	21.48	0.00	-582.48	0.00	-515.75
	0.00	4.55e-013	0.00	0.00	0.00	-5.82e-011
46	0.00	-36.48	0.00	4035.13	0.00	9200.79
	0.00	-130.62	0.00	5992.41	0.00	-11823.12
47	0.00	-140.46	0.00	7333.53	0.00	12449.94
	0.00	-78.11	0.00	4736.02	0.00	-10116.02
48	0.00	-2.39e-012	0.00	7.28e-012	0.00	1.04e-010
	0.00	41.75	0.00	-727.91	0.00	1031.96

Condizione "(1) tompagni"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
3	0.49	-5.47	7.93	-7.35e-013	-2837.02	2017.35
	0.49	-5.47	7.93	-7.35e-013	493.49	-281.38
4	0.49	-5.47	-7.93	-7.35e-013	2837.02	2017.35
	0.49	-5.47	-7.93	-7.35e-013	-493.49	-281.38
5	1.63	3.12	-7.04	-7.35e-013	2430.18	-1030.86
	1.63	3.12	-7.04	-7.35e-013	-528.58	277.79

6	1.63	3.12	7.04	-7.35e-013	-2430.18	-1030.86
	1.63	3.12	7.04	-7.35e-013	528.58	277.79
7	-2.12	2.36	6.55	-7.35e-013	-2036.78	-773.90
	-2.12	2.36	6.55	-7.35e-013	715.48	216.18
8	-2.12	2.36	-6.55	-7.35e-013	2036.78	-773.90
	-2.12	2.36	-6.55	-7.35e-013	-715.48	216.18
9	0.00	2.84e-013	6.99e-014	-9.09e-013	-5.82e-013	-2.27e-012
	0.00	2.84e-013	6.99e-014	-9.09e-013	-1.00e-012	-2.55e-011
11	8.08e-028	1.63e-013	4.17e-030	9.95e-013	-2.44e-014	199.21
	8.08e-028	1.63e-013	4.17e-030	9.95e-013	-2.44e-014	199.21
12	0.00	-5.91e-012	-6.99e-014	4.55e-013	-1.00e-012	5.54e-012
	0.00	-5.91e-012	-6.99e-014	4.55e-013	-5.82e-013	-6.91e-011
13	-9.69e-027	4.83e-013	6.99e-014	0.00	-5.82e-013	-4.90e-011
	-9.69e-027	4.83e-013	6.99e-014	0.00	-1.00e-012	-1.05e-011
14	-2.02e-028	-1.08e-013	0.00	-1.92e-012	3.61e-014	-151.47
	-2.02e-028	-1.08e-013	0.00	-1.92e-012	3.61e-014	-151.47
15	-9.69e-027	3.18e-012	-6.99e-014	4.55e-013	-1.00e-012	6.82e-012
	-9.69e-027	3.18e-012	-6.99e-014	4.55e-013	-5.82e-013	2.68e-011
16	1.29e-026	2.39e-012	6.99e-014	1.82e-012	-5.82e-013	-1.74e-011
	1.29e-026	2.39e-012	6.99e-014	1.82e-012	-1.00e-012	-1.32e-011
18	0.00	2.25e-013	4.17e-030	7.05e-012	-2.44e-014	269.48
	0.00	2.25e-013	4.17e-030	7.05e-012	-2.44e-014	269.48
20	1.29e-026	-3.04e-012	-6.99e-014	-9.09e-013	-1.00e-012	1.25e-011
	1.29e-026	-3.04e-012	-6.99e-014	-9.09e-013	-5.82e-013	-4.82e-011
21	-6.62e-015	-5.12e-013	0.00	9.09e-013	5.17e-026	-2.23e-011
	-6.62e-015	-5.12e-013	0.00	9.09e-013	-1.03e-025	5.41e-011
22	7.53e-015	1.63	-3.79e-029	-337.54	3.23e-027	-179.63
	7.53e-015	1.63	-3.79e-029	-337.54	4.85e-027	277.79
23	-3.31e-016	-0.49	3.16e-030	226.46	-8.08e-028	281.38
	-3.31e-016	-0.49	3.16e-030	226.46	-1.62e-027	36.55
24	-6.62e-015	-3.33e-012	0.00	-4.55e-013	5.17e-026	-2.86e-011
	-6.62e-015	-3.33e-012	0.00	-4.55e-013	-5.17e-026	-1.55e-011
25	6.62e-015	-1.44e-012	0.00	-4.55e-013	5.17e-026	6.35e-011
	6.62e-015	-1.44e-012	0.00	-4.55e-013	-1.03e-025	-2.86e-011
26	-7.53e-015	1.63	-3.79e-029	337.54	3.23e-027	-179.63
	-7.53e-015	1.63	-3.79e-029	337.54	4.85e-027	277.79
27	3.31e-016	-0.49	3.16e-030	-226.46	-8.08e-028	281.38
	3.31e-016	-0.49	3.16e-030	-226.46	-1.62e-027	36.55
28	6.62e-015	1.68e-012	0.00	4.55e-013	5.17e-026	2.22e-012
	6.62e-015	1.68e-012	0.00	4.55e-013	-5.17e-026	4.18e-011
29	0.00	263.51	0.00	-289.39	0.00	-5833.50
	0.00	4.55e-012	0.00	-3.64e-012	0.00	-4.07e-010
31	0.00	-330.80	0.00	-1112.79	0.00	8707.75
	0.00	330.80	0.00	1112.79	0.00	8707.75
32	0.00	1.27e-011	0.00	0.00	0.00	-1.46e-010
	0.00	-263.51	0.00	289.39	0.00	-5833.50
33	0.00	276.65	0.00	-99.13	0.00	-6346.40
	0.00	-4.55e-012	0.00	0.00	0.00	-2.91e-011
34	0.00	764.56	0.00	-390.02	0.00	-31273.14
	0.00	-764.56	0.00	390.02	0.00	-31273.14
35	0.00	-2.00e-011	0.00	0.00	0.00	1.60e-010
	0.00	-276.65	0.00	99.13	0.00	-6346.40
36	0.00	263.03	0.00	730.77	0.00	-5804.88
	0.00	2.73e-012	0.00	7.28e-012	0.00	-5.53e-010
38	0.00	-300.43	0.00	2809.98	0.00	4837.82
	0.00	300.43	0.00	-2809.98	0.00	4837.82
40	0.00	1.36e-011	0.00	0.00	0.00	1.31e-010
	0.00	-263.03	0.00	-730.77	0.00	-5804.88
41	0.00	296.44	0.00	-499.99	0.00	-7322.96
	0.00	2.05e-011	0.00	0.00	0.00	-5.97e-010
42	0.00	-545.08	0.00	13779.36	0.00	34939.76

	0.00	227.51	0.00	13273.24	0.00	-4889.91
43	0.00	-245.93	0.00	-8712.62	0.00	-1326.80
	0.00	498.26	0.00	-9110.61	0.00	36202.80
44	0.00	1.00e-011	0.00	0.00	0.00	-5.53e-010
	0.00	-283.82	0.00	597.70	0.00	-6884.91
45	0.00	296.44	0.00	499.99	0.00	-7322.96
	0.00	1.32e-011	0.00	0.00	0.00	-6.11e-010
46	0.00	-545.08	0.00	-13779.36	0.00	34939.76
	0.00	227.51	0.00	-13273.24	0.00	-4889.91
47	0.00	-245.93	0.00	8712.62	0.00	-1326.80
	0.00	498.26	0.00	9110.61	0.00	36202.80
48	0.00	3.64e-012	0.00	0.00	0.00	-5.68e-010
	0.00	-283.82	0.00	-597.70	0.00	-6884.91

Armatura longitudinale negli elementi

Elemento	Area (cm2)	Y (cm)	Z (cm)	Ascissa iniz. (cm)	Lunghezza (cm)
3	2.01	11.50	-16.50	38.08	381.92
	2.01	11.50	-16.50	0.00	70.08
	2.01	0.00	-16.50	38.08	381.92
	2.01	0.00	-16.50	0.00	70.08
	2.01	-11.50	-16.50	38.08	381.92
	2.01	-11.50	-16.50	0.00	70.08
	2.01	-11.50	0.00	38.08	381.92
	2.01	-11.50	0.00	0.00	70.08
	2.01	-11.50	16.50	38.08	381.92
	2.01	-11.50	16.50	0.00	70.08
	2.01	0.00	16.50	38.08	381.92
	2.01	0.00	16.50	0.00	70.08
	2.01	11.50	16.50	38.08	381.92
	2.01	11.50	16.50	0.00	70.08
	2.01	11.50	0.00	38.08	381.92
	2.01	11.50	0.00	0.00	70.08
4	2.01	11.50	0.00	38.08	381.92
	2.01	11.50	0.00	0.00	70.08
	2.01	11.50	16.50	38.08	381.92
	2.01	11.50	16.50	0.00	70.08
	2.01	0.00	16.50	38.08	381.92
	2.01	0.00	16.50	0.00	70.08
	2.01	-11.50	16.50	38.08	381.92
	2.01	-11.50	16.50	0.00	70.08
	2.01	-11.50	0.00	38.08	381.92
	2.01	-11.50	0.00	0.00	70.08
	2.01	-11.50	-16.50	38.08	381.92
	2.01	-11.50	-16.50	0.00	70.08
	2.01	0.00	-16.50	38.08	381.92
	2.01	0.00	-16.50	0.00	70.08
	2.01	11.50	-16.50	38.08	381.92
	2.01	11.50	-16.50	0.00	70.08
5	2.01	11.50	0.00	38.08	381.92
	2.01	11.50	0.00	0.00	70.08
	2.01	11.50	16.50	38.08	381.92
	2.01	11.50	16.50	0.00	70.08
	2.01	0.00	16.50	38.08	381.92
	2.01	0.00	16.50	0.00	70.08
	2.01	-11.50	16.50	38.08	381.92
	2.01	-11.50	16.50	0.00	70.08
	2.01	-11.50	0.00	38.08	381.92
	2.01	-11.50	0.00	0.00	70.08
	2.01	-11.50	-16.50	38.08	381.92
	2.01	-11.50	-16.50	0.00	70.08
	2.01	0.00	-16.50	38.08	381.92
	2.01	0.00	-16.50	0.00	70.08
	2.01	11.50	-16.50	38.08	381.92
	2.01	11.50	-16.50	0.00	70.08
6	2.01	11.50	0.00	38.08	381.92
	2.01	11.50	0.00	0.00	70.08
	2.01	11.50	16.50	38.08	381.92
	2.01	11.50	16.50	0.00	70.08
	2.01	0.00	16.50	38.08	381.92
	2.01	0.00	16.50	0.00	70.08
	2.01	-11.50	16.50	38.08	381.92
	2.01	-11.50	16.50	0.00	70.08
	2.01	-11.50	0.00	38.08	381.92
	2.01	-11.50	0.00	0.00	70.08

	2.01	-11.50	-16.50	38.08	381.92
	2.01	-11.50	-16.50	0.00	70.08
	2.01	0.00	-16.50	38.08	381.92
	2.01	0.00	-16.50	0.00	70.08
	2.01	11.50	-16.50	38.08	381.92
	2.01	11.50	-16.50	0.00	70.08
7	2.01	16.50	0.00	38.08	381.92
	2.01	16.50	0.00	0.00	70.08
	2.01	16.50	11.50	38.08	381.92
	2.01	16.50	11.50	0.00	70.08
	2.01	0.00	11.50	38.08	381.92
	2.01	0.00	11.50	0.00	70.08
	2.01	-16.50	11.50	38.08	381.92
	2.01	-16.50	11.50	0.00	70.08
	2.01	-16.50	0.00	38.08	381.92
	2.01	-16.50	0.00	0.00	70.08
	2.01	-16.50	-11.50	38.08	381.92
	2.01	-16.50	-11.50	0.00	70.08
	2.01	0.00	-11.50	38.08	381.92
	2.01	0.00	-11.50	0.00	70.08
	2.01	16.50	-11.50	38.08	381.92
	2.01	16.50	-11.50	0.00	70.08
8	2.01	16.50	-11.50	38.08	381.92
	2.01	16.50	-11.50	0.00	70.08
	2.01	0.00	-11.50	38.08	381.92
	2.01	0.00	-11.50	0.00	70.08
	2.01	-16.50	-11.50	38.08	381.92
	2.01	-16.50	-11.50	0.00	70.08
	2.01	-16.50	0.00	38.08	381.92
	2.01	-16.50	0.00	0.00	70.08
	2.01	-16.50	11.50	38.08	381.92
	2.01	-16.50	11.50	0.00	70.08
	2.01	0.00	11.50	38.08	381.92
	2.01	0.00	11.50	0.00	70.08
	2.01	16.50	11.50	38.08	381.92
	2.01	16.50	11.50	0.00	70.08
	2.01	16.50	0.00	38.08	381.92
	2.01	16.50	0.00	0.00	70.08
9	2.01	8.50	-21.00	0.00	21.00
	2.01	-8.50	-21.00	0.00	21.00
	2.01	-8.50	0.00	0.00	21.00
	2.01	-8.50	21.00	0.00	21.00
	2.01	8.50	21.00	0.00	21.00
	2.01	8.50	0.00	0.00	21.00
11	2.01	8.50	-21.00	0.00	370.00
	2.01	-8.50	-21.00	0.00	370.00
	2.01	-8.50	0.00	0.00	370.00
	2.01	-8.50	21.00	0.00	370.00
	2.01	8.50	21.00	0.00	370.00
	2.01	8.50	0.00	0.00	370.00
12	2.01	8.50	-21.00	4.00	21.00
	2.01	-8.50	-21.00	4.00	21.00
	2.01	-8.50	0.00	4.00	21.00
	2.01	-8.50	21.00	4.00	21.00
	2.01	8.50	21.00	4.00	21.00
	2.01	8.50	0.00	4.00	21.00
	2.01	8.50	10.50	4.00	21.00
	2.01	8.50	-10.50	4.00	21.00
13	2.01	8.50	-21.00	0.00	16.00
	2.01	-8.50	-21.00	0.00	16.00
	2.01	-8.50	0.00	0.00	16.00
	2.01	-8.50	21.00	0.00	16.00
	2.01	8.50	21.00	0.00	16.00
	2.01	8.50	0.00	0.00	16.00
14	2.01	8.50	-21.00	0.00	380.00
	2.01	-8.50	-21.00	0.00	380.00
	2.01	-8.50	0.00	0.00	380.00
	2.01	-8.50	21.00	0.00	380.00
	2.01	8.50	21.00	0.00	380.00
	2.01	8.50	0.00	0.00	380.00
15	2.01	8.50	-21.00	4.00	16.00
	2.01	-8.50	-21.00	4.00	16.00
	2.01	-8.50	0.00	4.00	16.00
	2.01	-8.50	21.00	4.00	16.00
	2.01	8.50	21.00	4.00	16.00
	2.01	8.50	0.00	4.00	16.00

	2.01	8.50	15.75	4.00	16.00
	2.01	8.50	10.50	4.00	16.00
	2.01	8.50	5.25	4.00	16.00
	2.01	8.50	-5.25	4.00	16.00
	2.01	8.50	-10.50	4.00	16.00
	2.01	8.50	-15.75	4.00	16.00
16	2.01	8.50	-21.00	0.00	21.00
	2.01	-8.50	-21.00	0.00	21.00
	2.01	-8.50	0.00	0.00	21.00
	2.01	-8.50	21.00	0.00	21.00
	2.01	8.50	21.00	0.00	21.00
	2.01	8.50	0.00	0.00	21.00
18	2.01	8.50	-21.00	0.00	370.00
	2.01	-8.50	-21.00	0.00	370.00
	2.01	-8.50	0.00	0.00	370.00
	2.01	-8.50	21.00	0.00	370.00
	2.01	8.50	21.00	0.00	370.00
	2.01	8.50	0.00	0.00	370.00
20	2.01	8.50	-21.00	4.00	21.00
	2.01	-8.50	-21.00	4.00	21.00
	2.01	-8.50	0.00	4.00	21.00
	2.01	-8.50	21.00	4.00	21.00
	2.01	8.50	21.00	4.00	21.00
	2.01	8.50	0.00	4.00	21.00
21	2.01	8.50	-21.00	0.00	21.00
	2.01	-8.50	-21.00	0.00	21.00
	2.01	-8.50	0.00	0.00	21.00
	2.01	-8.50	21.00	7.46e-016	21.00
	2.01	8.50	21.00	7.46e-016	21.00
	2.01	8.50	0.00	0.00	21.00
22	2.01	8.50	-21.00	0.00	280.00
	2.01	-8.50	-21.00	0.00	280.00
	2.01	-8.50	-1.78e-015	0.00	280.00
	2.01	-8.50	21.00	6.66e-017	280.00
	2.01	8.50	21.00	6.66e-017	280.00
	2.01	8.50	-1.78e-015	0.00	280.00
23	2.01	8.50	-21.00	0.00	500.00
	2.01	-8.50	-21.00	0.00	500.00
	2.01	-8.50	0.00	4.44e-018	500.00
	2.01	-8.50	21.00	2.31e-017	500.00
	2.01	8.50	21.00	2.31e-017	500.00
	2.01	8.50	0.00	4.44e-018	500.00
	1.13	8.50	10.50	405.78	94.22
	1.13	8.50	-10.50	405.78	94.22
24	2.01	8.50	-21.00	4.00	21.00
	2.01	-8.50	-21.00	4.00	21.00
	2.01	-8.50	8.88e-016	4.00	21.00
	2.01	-8.50	21.00	4.00	21.00
	2.01	8.50	21.00	4.00	21.00
	2.01	8.50	8.88e-016	4.00	21.00
25	2.01	8.50	-21.00	0.00	21.00
	2.01	-8.50	-21.00	0.00	21.00
	2.01	-8.50	0.00	0.00	21.00
	2.01	-8.50	21.00	0.00	21.00
	2.01	8.50	21.00	0.00	21.00
	2.01	8.50	0.00	0.00	21.00
26	2.01	8.50	-21.00	0.00	280.00
	2.01	-8.50	-21.00	0.00	280.00
	2.01	-8.50	0.00	0.00	280.00
	2.01	-8.50	21.00	0.00	280.00
	2.01	8.50	21.00	0.00	280.00
	2.01	8.50	0.00	0.00	280.00
27	2.01	8.50	-21.00	0.00	500.00
	2.01	-8.50	-21.00	0.00	500.00
	2.01	-8.50	0.00	0.00	500.00
	2.01	-8.50	21.00	0.00	500.00
	2.01	8.50	21.00	0.00	500.00
	2.01	8.50	0.00	0.00	500.00
	1.13	8.50	10.50	405.78	94.22
	1.13	8.50	-10.50	405.78	94.22
28	2.01	8.50	-21.00	4.00	21.00
	2.01	-8.50	-21.00	4.00	21.00
	2.01	-8.50	0.00	4.00	21.00
	2.01	-8.50	21.00	4.00	21.00

	2.01	8.50	21.00	4.00	21.00
	2.01	8.50	0.00	4.00	21.00
29	2.01	34.08	0.00	0.00	46.00
	2.01	34.08	11.00	0.00	46.00
	1.13	4.08	28.50	0.00	46.00
	1.13	4.08	46.00	0.00	46.00
	2.01	-17.92	46.00	0.00	46.00
	2.01	-17.92	28.50	0.00	46.00
	2.01	-17.92	11.00	0.00	46.00
	2.01	-17.92	-11.00	0.00	46.00
	2.01	-17.92	-28.50	0.00	46.00
	2.01	-17.92	-46.00	0.00	46.00
	1.13	4.08	-46.00	0.00	46.00
	1.13	4.08	-28.50	0.00	46.00
	2.01	34.08	-11.00	0.00	46.00
31	2.01	34.08	0.00	0.00	370.00
	2.01	34.08	11.00	0.00	370.00
	1.13	4.08	28.50	0.00	370.00
	1.13	4.08	46.00	0.00	370.00
	2.01	-17.92	46.00	0.00	370.00
	2.01	-17.92	28.50	0.00	370.00
	2.01	-17.92	11.00	0.00	370.00
	2.01	-17.92	-11.00	0.00	370.00
	2.01	-17.92	-28.50	0.00	370.00
	2.01	-17.92	-46.00	0.00	370.00
	1.13	4.08	-46.00	0.00	370.00
	1.13	4.08	-28.50	0.00	370.00
	2.01	34.08	-11.00	0.00	370.00
32	2.01	34.08	0.00	4.00	46.00
	2.01	34.08	11.00	4.00	46.00
	1.13	4.08	28.50	4.00	46.00
	1.13	4.08	46.00	4.00	46.00
	2.01	-17.92	46.00	4.00	46.00
	2.01	-17.92	28.50	4.00	46.00
	2.01	-17.92	11.00	4.00	46.00
	2.01	-17.92	-11.00	4.00	46.00
	2.01	-17.92	-28.50	4.00	46.00
	2.01	-17.92	-46.00	4.00	46.00
	1.13	4.08	-46.00	4.00	46.00
	1.13	4.08	-28.50	4.00	46.00
	2.01	34.08	-11.00	4.00	46.00
33	2.01	34.08	0.00	0.00	41.00
	2.01	34.08	11.00	0.00	41.00
	1.13	4.08	28.50	0.00	41.00
	1.13	4.08	46.00	0.00	41.00
	2.01	-17.92	46.00	0.00	41.00
	2.01	-17.92	28.50	0.00	41.00
	2.01	-17.92	11.00	0.00	41.00
	2.01	-17.92	-11.00	0.00	41.00
	2.01	-17.92	-28.50	0.00	41.00
	2.01	-17.92	-46.00	0.00	41.00
	1.13	4.08	-46.00	0.00	41.00
	1.13	4.08	-28.50	0.00	41.00
	2.01	34.08	-11.00	0.00	41.00
34	2.01	34.08	0.00	0.00	380.00
	2.01	34.08	11.00	0.00	380.00
	1.13	4.08	28.50	0.00	380.00
	1.13	4.08	46.00	0.00	380.00
	2.01	-17.92	46.00	0.00	380.00
	2.01	-17.92	28.50	0.00	380.00
	2.01	-17.92	11.00	0.00	380.00
	2.01	-17.92	-11.00	0.00	380.00
	2.01	-17.92	-28.50	0.00	380.00
	2.01	-17.92	-46.00	0.00	380.00
	1.13	4.08	-46.00	0.00	380.00
	1.13	4.08	-28.50	0.00	380.00
	2.01	34.08	-11.00	0.00	380.00
35	2.01	34.08	0.00	4.00	41.00
	2.01	34.08	11.00	4.00	41.00
	1.13	4.08	28.50	4.00	41.00
	1.13	4.08	46.00	4.00	41.00
	2.01	-17.92	46.00	4.00	41.00
	2.01	-17.92	28.50	4.00	41.00
	2.01	-17.92	11.00	4.00	41.00
	2.01	-17.92	-11.00	4.00	41.00
	2.01	-17.92	-28.50	4.00	41.00
	2.01	-17.92	-46.00	4.00	41.00
	1.13	4.08	-46.00	4.00	41.00

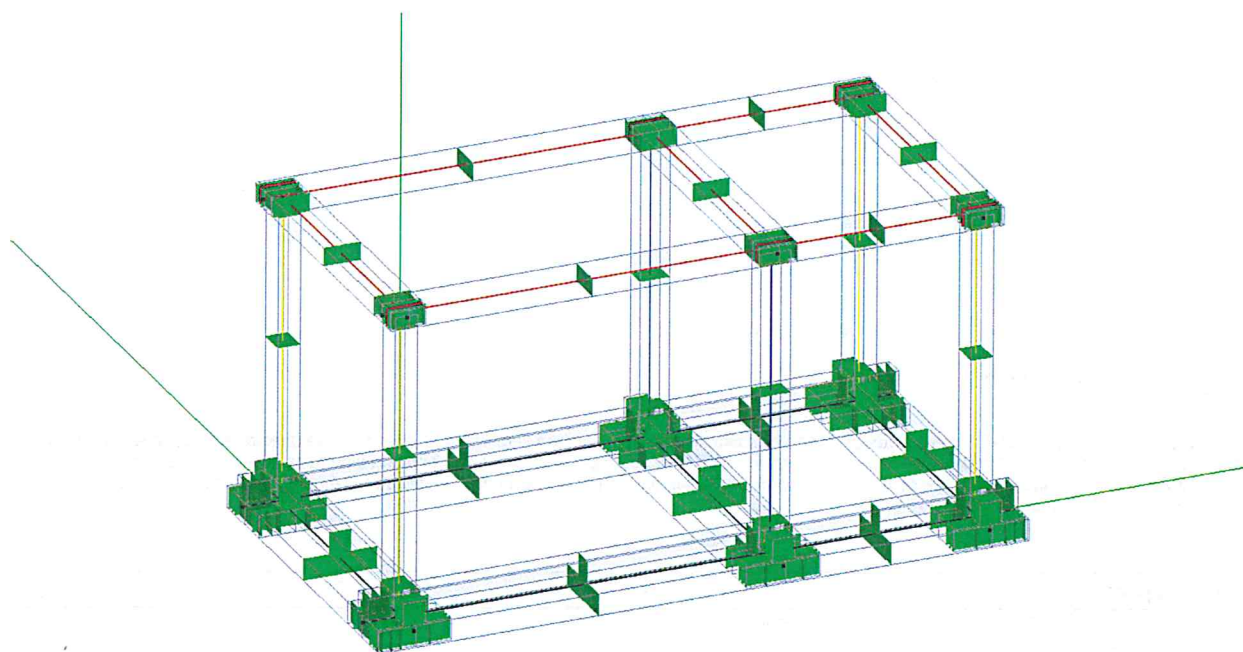
	1.13	4.08	-28.50	4.00	41.00
	2.01	34.08	-11.00	4.00	41.00
36	2.01	34.08	0.00	0.00	46.00
	2.01	34.08	11.00	0.00	46.00
	1.13	4.08	28.50	0.00	46.00
	1.13	4.08	46.00	0.00	46.00
	2.01	-17.92	46.00	0.00	46.00
	2.01	-17.92	28.50	0.00	46.00
	2.01	-17.92	11.00	0.00	46.00
	2.01	-17.92	-11.00	0.00	46.00
	2.01	-17.92	-28.50	0.00	46.00
	2.01	-17.92	-46.00	0.00	46.00
	1.13	4.08	-46.00	0.00	46.00
	1.13	4.08	-28.50	0.00	46.00
	2.01	34.08	-11.00	0.00	46.00
38	2.01	34.08	0.00	0.00	370.00
	2.01	34.08	11.00	0.00	370.00
	1.13	4.08	28.50	0.00	370.00
	1.13	4.08	46.00	0.00	370.00
	2.01	-17.92	46.00	0.00	370.00
	2.01	-17.92	28.50	0.00	370.00
	2.01	-17.92	11.00	0.00	370.00
	2.01	-17.92	-11.00	0.00	370.00
	2.01	-17.92	-28.50	0.00	370.00
	2.01	-17.92	-46.00	0.00	370.00
	1.13	4.08	-46.00	0.00	370.00
	1.13	4.08	-28.50	0.00	370.00
	2.01	34.08	-11.00	0.00	370.00
40	2.01	34.08	0.00	4.00	46.00
	2.01	34.08	11.00	4.00	46.00
	1.13	4.08	28.50	4.00	46.00
	1.13	4.08	46.00	4.00	46.00
	2.01	-17.92	46.00	4.00	46.00
	2.01	-17.92	28.50	4.00	46.00
	2.01	-17.92	11.00	4.00	46.00
	2.01	-17.92	-11.00	4.00	46.00
	2.01	-17.92	-28.50	4.00	46.00
	2.01	-17.92	-46.00	4.00	46.00
	1.13	4.08	-46.00	4.00	46.00
	1.13	4.08	-28.50	4.00	46.00
	2.01	34.08	-11.00	4.00	46.00
41	2.01	34.08	0.00	0.00	46.00
	2.01	34.08	11.00	0.00	46.00
	1.13	4.08	28.50	0.00	46.00
	1.13	4.08	46.00	0.00	46.00
	2.01	-17.92	46.00	0.00	46.00
	2.01	-17.92	28.50	0.00	46.00
	2.01	-17.92	11.00	0.00	46.00
	2.01	-17.92	-11.00	1.95e-016	46.00
	2.01	-17.92	-28.50	5.06e-016	46.00
	2.01	-17.92	-46.00	8.17e-016	46.00
	1.13	4.08	-46.00	8.17e-016	46.00
	1.13	4.08	-28.50	5.06e-016	46.00
	2.01	34.08	-11.00	1.95e-016	46.00
42	2.01	34.08	0.00	0.00	280.00
	2.01	34.08	11.00	3.49e-017	280.00
	1.13	4.08	28.50	9.04e-017	280.00
	1.13	4.08	46.00	1.46e-016	280.00
	2.01	-17.92	46.00	1.46e-016	280.00
	2.01	-17.92	28.50	9.04e-017	280.00
	2.01	-17.92	11.00	3.49e-017	280.00
	2.01	-17.92	-11.00	0.00	280.00
	2.01	-17.92	-28.50	0.00	280.00
	2.01	-17.92	-46.00	0.00	280.00
	1.13	4.08	-46.00	0.00	280.00
	1.13	4.08	-28.50	0.00	280.00
	2.01	34.08	-11.00	0.00	280.00
43	2.01	34.08	0.00	4.44e-018	500.00
	2.01	34.08	11.00	1.42e-017	500.00
	1.13	4.08	28.50	2.98e-017	500.00
	1.13	4.08	46.00	4.53e-017	500.00
	2.01	-17.92	46.00	4.53e-017	500.00
	2.01	-17.92	28.50	2.98e-017	500.00
	2.01	-17.92	11.00	1.42e-017	500.00
	2.01	-17.92	-11.00	0.00	500.00
	2.01	-17.92	-28.50	0.00	500.00
	2.01	-17.92	-46.00	0.00	500.00
	1.13	4.08	-46.00	0.00	500.00

	1.13	4.08	-28.50	0.00	500.00
	2.01	34.08	-11.00	0.00	500.00
44	2.01	34.08	-1.78e-015	4.00	46.00
	2.01	34.08	11.00	4.00	46.00
	1.13	4.08	28.50	4.00	46.00
	1.13	4.08	46.00	4.00	46.00
	2.01	-17.92	46.00	4.00	46.00
	2.01	-17.92	28.50	4.00	46.00
	2.01	-17.92	11.00	4.00	46.00
	2.01	-17.92	-11.00	4.00	46.00
	2.01	-17.92	-28.50	4.00	46.00
	2.01	-17.92	-46.00	4.00	46.00
	1.13	4.08	-46.00	4.00	46.00
	1.13	4.08	-28.50	4.00	46.00
	2.01	34.08	-11.00	4.00	46.00
45	2.01	34.08	0.00	0.00	46.00
	2.01	34.08	11.00	0.00	46.00
	1.13	4.08	28.50	0.00	46.00
	1.13	4.08	46.00	0.00	46.00
	2.01	-17.92	46.00	0.00	46.00
	2.01	-17.92	28.50	0.00	46.00
	2.01	-17.92	11.00	0.00	46.00
	2.01	-17.92	-11.00	0.00	46.00
	2.01	-17.92	-28.50	0.00	46.00
	2.01	-17.92	-46.00	0.00	46.00
	1.13	4.08	-46.00	0.00	46.00
	1.13	4.08	-28.50	0.00	46.00
	2.01	34.08	-11.00	0.00	46.00
46	2.01	34.08	0.00	0.00	280.00
	2.01	34.08	11.00	0.00	280.00
	1.13	4.08	28.50	0.00	280.00
	1.13	4.08	46.00	0.00	280.00
	2.01	-17.92	46.00	0.00	280.00
	2.01	-17.92	28.50	0.00	280.00
	2.01	-17.92	11.00	0.00	280.00
	2.01	-17.92	-11.00	0.00	280.00
	2.01	-17.92	-28.50	0.00	280.00
	2.01	-17.92	-46.00	0.00	280.00
	1.13	4.08	-46.00	0.00	280.00
	1.13	4.08	-28.50	0.00	280.00
	2.01	34.08	-11.00	0.00	280.00
47	2.01	34.08	0.00	0.00	500.00
	2.01	34.08	11.00	0.00	500.00
	1.13	4.08	28.50	0.00	500.00
	1.13	4.08	46.00	0.00	500.00
	2.01	-17.92	46.00	0.00	500.00
	2.01	-17.92	28.50	0.00	500.00
	2.01	-17.92	11.00	0.00	500.00
	2.01	-17.92	-11.00	0.00	500.00
	2.01	-17.92	-28.50	0.00	500.00
	2.01	-17.92	-46.00	0.00	500.00
	1.13	4.08	-46.00	0.00	500.00
	1.13	4.08	-28.50	0.00	500.00
	2.01	34.08	-11.00	0.00	500.00
48	2.01	34.08	0.00	4.00	46.00
	2.01	34.08	11.00	4.00	46.00
	1.13	4.08	28.50	4.00	46.00
	1.13	4.08	46.00	4.00	46.00
	2.01	-17.92	46.00	4.00	46.00
	2.01	-17.92	28.50	4.00	46.00
	2.01	-17.92	11.00	4.00	46.00
	2.01	-17.92	-11.00	4.00	46.00
	2.01	-17.92	-28.50	4.00	46.00
	2.01	-17.92	-46.00	4.00	46.00
	1.13	4.08	-46.00	4.00	46.00
	1.13	4.08	-28.50	4.00	46.00
	2.01	34.08	-11.00	4.00	46.00

Armatura trasversale negli elementi

Elemento	Ascissa iniz. (cm)	Lunghezza tratto (cm)	Area orizz. (cm2)	Area vert. (cm2)	Passo (cm)
3	38.08	70.14	2.01	1.01	9.00
	108.22	229.14	2.01	1.01	14.00
	337.36	70.14	2.01	1.01	9.00
4	38.08	70.14	2.01	1.01	9.00
	108.22	229.14	2.01	1.01	14.00
	337.36	70.14	2.01	1.01	9.00

5	38.08	70.14	2.01	1.01	9.00
	108.22	229.14	2.01	1.01	14.00
	337.36	70.14	2.01	1.01	9.00
6	38.08	70.14	2.01	1.01	9.00
	108.22	229.14	2.01	1.01	14.00
	337.36	70.14	2.01	1.01	9.00
7	38.08	70.14	2.01	1.01	9.00
	108.22	229.14	2.01	1.01	14.00
	337.36	70.14	2.01	1.01	9.00
8	38.08	70.14	2.01	1.01	9.00
	108.22	229.14	2.01	1.01	14.00
	337.36	70.14	2.01	1.01	9.00
9	0.00	25.00	1.01	1.01	6.00
11	20.00	25.00	1.01	1.01	6.00
	45.00	280.00	1.01	1.01	13.00
	325.00	25.00	1.01	1.01	6.00
12	0.00	25.00	1.01	1.01	6.00
13	0.00	20.00	1.01	1.01	6.00
14	15.00	25.00	1.01	1.01	6.00
	40.00	300.00	1.01	1.01	13.00
	340.00	25.00	1.01	1.01	6.00
15	0.00	20.00	1.01	1.01	6.00
16	0.00	25.00	1.01	1.01	6.00
18	20.00	25.00	1.01	1.01	6.00
	45.00	280.00	1.01	1.01	13.00
	325.00	25.00	1.01	1.01	6.00
20	0.00	25.00	1.01	1.01	6.00
21	15.00	10.00	1.01	1.01	6.00
22	20.00	25.00	1.01	1.01	6.00
	45.00	195.00	1.01	1.01	13.00
	240.00	25.00	1.01	1.01	6.00
23	15.00	25.00	1.01	1.01	6.00
	40.00	415.00	1.01	1.01	13.00
	455.00	25.00	1.01	1.01	6.00
24	0.00	10.00	1.01	1.01	6.00
25	15.00	10.00	1.01	1.01	6.00
26	20.00	25.00	1.01	1.01	6.00
	45.00	195.00	1.01	1.01	13.00
	240.00	25.00	1.01	1.01	6.00
27	15.00	25.00	1.01	1.01	6.00
	40.00	415.00	1.01	1.01	13.00
	455.00	25.00	1.01	1.01	6.00
28	0.00	10.00	1.01	1.01	6.00
29	20.00	30.00	2.01	1.51	20.00
31	20.00	330.00	2.01	1.51	20.00
32	0.00	30.00	2.01	1.51	20.00
33	15.00	30.00	2.01	1.51	20.00
34	15.00	350.00	2.01	1.51	20.00
35	0.00	30.00	2.01	1.51	20.00
36	20.00	30.00	2.01	1.51	20.00
38	20.00	330.00	2.01	1.51	20.00
40	0.00	30.00	2.01	1.51	20.00
41	15.00	35.00	2.01	1.51	20.00
42	20.00	245.00	2.01	1.51	20.00
43	15.00	465.00	2.01	1.51	20.00
44	0.00	35.00	2.01	1.51	20.00
45	15.00	35.00	2.01	1.51	20.00
46	20.00	245.00	2.01	1.51	20.00
47	15.00	465.00	2.01	1.51	20.00
48	0.00	35.00	2.01	1.51	20.00



Verifica flessionale travi

Elem	Qta	Ascissa (cm)	Nx (kg)	Mz (kgxcm)	My (kgxcm)	F.Sic.	Comb.
9		4.00	-6.98e-011	1657.00	3.64e-010	> 10.00	1
		12.50	-6.98e-011	647.27	-1.66e-010	> 10.00	1
		21.00	-6.98e-011	66.28	7.51e-011	> 10.00	1
11		24.00	-1.67e-011	210101.56	1.41e-011	3.45	11
		185.00	1.02e-026	-88881.73	2.16e-012	5.07	21
		346.00	1.67e-011	209803.91	-2.74e-011	2.16	14
12		4.00	-6.98e-011	66.28	6.77e-011	> 10.00	1
		12.50	-6.98e-011	647.27	2.05e-011	> 10.00	1
		21.00	-6.98e-011	1657.00	6.77e-010	> 10.00	1
13		4.00	-1.31e-010	592.00	-5.45e-010	> 10.00	1
		10.00	-1.31e-010	231.25	-2.57e-010	> 10.00	1
		16.00	-1.31e-010	37.00	3.10e-011	> 10.00	1
14		19.00	2.00e-011	-122520.50	7.15e-012	3.69	14
		190.00	2.71e-027	-58757.63	2.91e-012	7.72	20
		361.00	2.00e-011	167943.11	1.28e-011	2.70	14
15		4.00	-1.31e-010	37.00	1.58e-010	> 10.00	1
		10.00	-1.31e-010	231.25	-6.78e-012	> 10.00	1
		16.00	-1.31e-010	592.00	-1.72e-010	> 10.00	1
16		4.00	-1.40e-010	1657.00	3.64e-010	> 10.00	1
		12.50	-1.40e-010	647.27	-1.66e-010	> 10.00	1
		21.00	-1.40e-010	66.28	7.51e-011	> 10.00	1
18		24.00	7.28e-012	263299.79	-7.05e-011	1.72	13
		185.00	1.27e-026	-86605.10	2.16e-012	5.23	21
		346.00	-7.28e-012	263299.79	-6.99e-011	1.72	10
20		4.00	-1.40e-010	66.28	6.77e-011	> 10.00	1
		12.50	-1.40e-010	647.27	2.05e-011	> 10.00	1
		21.00	-1.40e-010	1657.00	6.77e-010	> 10.00	1
21		19.00	-3.47e-011	186.94	2.66e-010	> 10.00	1
		19.00	-3.47e-011	186.94	2.66e-010	> 10.00	1
		21.50	-3.47e-011	71.17	2.94e-010	> 10.00	1
22		24.00	6.15e-012	307158.82	-1.68e-012	1.97	1
		140.02	5.52e-013	-61376.09	6.54e-027	7.36	21
		261.04	-5.31e-012	178860.12	-1.11e-011	2.54	8
23		19.00	1.07e-011	299430.68	1.38e-011	1.50	3
		250.01	5.76e-013	-341033.67	-6.70e-027	1.32	21
		476.02	5.76e-013	407751.66	-1.24e-026	1.48	21
24		4.00	-3.47e-011	71.17	2.71e-010	> 10.00	1

	6.50	-3.47e-011	186.94	2.29e-010	> 10.00	1
	6.50	-3.47e-011	186.94	2.29e-010	> 10.00	1
25	19.00	3.47e-011	186.94	2.66e-010	> 10.00	1
	19.00	3.47e-011	186.94	2.66e-010	> 10.00	1
	21.50	3.47e-011	71.17	2.94e-010	> 10.00	1
26	24.00	-6.15e-012	307158.82	1.68e-012	1.97	7
	140.02	-5.52e-013	-61376.09	6.54e-027	7.36	21
	261.04	5.31e-012	178860.12	1.11e-011	2.54	2
27	19.00	-1.55e-011	299430.68	-1.38e-011	1.50	5
	250.01	-5.76e-013	-341033.67	-6.70e-027	1.32	21
	476.02	-5.76e-013	407751.66	-1.24e-026	1.48	21
28	4.00	3.47e-011	71.17	2.71e-010	> 10.00	1
	6.50	3.47e-011	186.94	2.29e-010	> 10.00	1
	6.50	3.47e-011	186.94	2.29e-010	> 10.00	1

Minimo fattore di sicurezza: 1.322998 >= 1.00

Per ogni elemento *Elem* a quota (opzionale) di riferimento *Qta* viene calcolato, all'ascissa *Ascissa*, il momento ultimo *Mr* nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza *F.Sic.*, cioè *Mr/Me*, relativo alla combinazione **COMB** che ha generato il minore fattore di sicurezza. Vengono esposte le sollecitazioni *Md* nelle componenti assiale *Nx* e flessionale *Mz* e *My* di tale combinazione (vedi *Combinazioni Progetto*). Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura **>10.0** per evitare la stampa di numeri inutilmente grandi.

Verifica flessionale pilastri

Elem	Qta	Ascissa (cm)	Nx (kg)	Mz (kgxcm)	My (kgxcm)	F.Sic.	Comb.
3		41.576923	6000.190044	148029.354693	368667.121505	2.650879	13
		210.000000	5650.055969	-105247.607914	53600.207340	7.244629	6
		404.000000	6095.410233	-360415.241606	-40520.033626	2.294983	5
4		41.576923	6000.190044	148029.354693	-368667.121505	2.650879	10
		210.000000	5650.055969	-105247.607914	-53600.207340	7.244629	4
		404.000000	6095.410233	-360415.241606	40520.033626	2.294983	3
5		41.576923	5853.725519	-217419.217040	-105526.887598	3.548096	8
		210.000000	3009.305437	16688.218705	-89113.017100	> 10.00	14
		404.000000	5339.508878	219328.529985	-78987.330301	3.633331	6
6		41.576923	5853.725519	-217419.217040	105526.887598	3.548096	2
		210.000000	3009.305437	16688.218705	89113.017100	> 10.00	9
		404.000000	5339.508878	219328.529985	78987.330301	3.633331	4
7		41.576923	9252.695743	-430224.588978	48970.962972	2.746582	6
		210.000000	9922.360477	98499.697610	-24089.590836	> 10.00	3
		404.000000	8165.426512	468363.865659	-69264.261191	2.459473	6
8		41.576923	9252.695743	-430224.588978	-48970.962972	2.746582	4
		210.000000	9922.360477	98499.697610	24089.590836	> 10.00	5
		404.000000	8165.426512	468363.865659	69264.261191	2.459473	4

Minimo fattore di sicurezza: 2.294983 >= 1.00

Per ogni elemento *Elem* a quota (opzionale) di riferimento *Qta* viene calcolato, all'ascissa *Ascissa*, il momento ultimo *Mr* nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza *F.Sic.*, cioè *Mr/Me*, relativo alla combinazione **COMB** che ha generato il minore fattore di sicurezza. Vengono esposte le sollecitazioni *Md* nelle componenti assiale *Nx* e flessionale *Mz* e *My* di tale combinazione (vedi *Combinazioni Progetto*). Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura **>10.0** per evitare la stampa di numeri inutilmente grandi.

Verifica flessionale travi di fondazione

Elem	Ascissa	Mz (kgxcm)	Mr (kgxcm)	F.Sic.	Comb.
29	24.000000	-3543.166027	177158.301352	> 10.00	1
	25.000000	-3274.234086	163711.704304	> 10.00	1
	46.000000	-82.948363	4147.418174	> 10.00	1
31	24.000000	251066.934013	1383381.258236	5.510010	9
	185.000000	181307.706102	1382913.904793	7.627441	2
	346.000000	251066.934013	1383381.258236	5.510010	14
32	4.000000	-178.111981	8905.599038	> 10.00	1
	25.000000	-6725.399133	336269.956670	> 10.00	1
	26.000000	-7262.237442	363111.872076	> 10.00	1
33	19.000000	-10485.877261	524293.863051	> 10.00	1
	22.500000	-7877.950046	393897.502314	> 10.00	1
	41.000000	-253.187867	12659.393333	> 10.00	1
34	19.000000	158065.505816	1383381.897580	8.751953	11
	190.000000	292639.695222	1370891.228494	4.684570	20
	361.000000	158065.505816	1383381.897580	8.751953	16

35	4.000000	-306.284032	15314.201578	> 10.00	1
	22.500000	-9441.846161	472092.308062	> 10.00	1
	26.000000	-12544.831453	627241.572672	> 10.00	1
36	24.000000	-11948.399237	597419.961834	> 10.00	1
	25.000000	-11054.348100	552717.405000	> 10.00	1
	46.000000	-286.959525	14347.976259	> 10.00	1
38	24.000000	297814.929507	1384446.795101	4.648682	15
	185.000000	233615.107538	1379447.019268	5.904785	21
	346.000000	297814.929507	1384446.795102	4.648682	12
40	4.000000	-347.236266	17361.813324	> 10.00	1
	25.000000	-13251.483207	662574.160336	> 10.00	1
	26.000000	-14316.712426	715835.621291	> 10.00	1
41	19.000000	-6544.846685	327242.334275	> 10.00	1
	25.124689	-4163.513655	208175.682741	> 10.00	1
	46.249378	-99.652015	4982.600726	> 10.00	1
42	24.000000	-324778.819703	2502485.825009	7.705200	6
	140.022320	70585.977380	1381113.908965	> 10.00	2
	261.044639	205249.847228	1384446.799727	6.745178	8
43	19.000000	242011.653548	1382704.276450	5.713379	3
	250.012500	278176.077156	1383002.352345	4.971680	13
	476.024999	-289714.624195	2493978.918239	8.608398	1
44	4.000000	-415.040215	20752.010733	> 10.00	1
	25.124689	-15676.338523	783816.926145	> 10.00	1
	31.249378	-23937.601690	1196880.084514	> 10.00	1
45	19.000000	-3074.678396	153733.919816	> 10.00	1
	25.124689	-1910.538344	95526.917177	> 10.00	1
	46.249378	-41.692842	2084.642121	> 10.00	1
46	24.000000	-324778.819703	2502485.825009	7.705200	4
	140.022320	70585.977380	1381113.908965	> 10.00	8
	261.044639	205249.847228	1384446.799727	6.745178	2
47	19.000000	242011.653548	1382704.276450	5.713379	5
	250.012500	278176.077156	1383002.352345	4.971680	10
	476.024999	-289714.624195	2493978.918239	8.608398	7
48	4.000000	-370.078542	18503.927084	> 10.00	1
	25.124689	-13961.376992	698068.849582	> 10.00	1
	31.249378	-21311.035889	1065551.794442	> 10.00	1

Minimo fattore di sicurezza:

4.648682 >= 1.00

Gamma Rd 1.10

Per ogni elemento **Elem** viene calcolato, all'ascissa **Ascissa**, il momento ultimo **Mr** e viene esposto il fattore di sicurezza **F.Sic.**, cioè **Mr/Mz**, relativo alla combinazione **COMB** che ha generato il minore fattore di sicurezza. Viene esposta la sollecitazione **Mz** di tale combinazione (vedi Combinazioni Progetto). Il momento ultimo **Mr** è calcolato assumendo come deformazioni ultime quelle di snervamento e pertanto è il momento limite elastico. Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura **>10.0** per evitare la stampa di numeri inutilmente grandi. Viene, in fondo alla tabella, riportato il valore di γ_{Rd} (**Gamma Rd**) impiegato nella verifica.

Verifica taglio travi

Elem	Qta	Ascissa (cm)	Nx (kg)	Ty (kg)	Tz (kg)	Vr (kg)	Theta	F. Sic.	Comb.
9		4.00	1.03e-025	36383.08	0.00	25934.35	1.30	1.71	sys
		12.50	1.03e-025	36327.15	0.00	25934.35	1.30	1.71	sys
		21.00	1.03e-025	36383.08	0.00	25934.35	1.30	1.71	sys
11		24.00	8.08e-027	4892.93	0.00	25934.35	1.30	5.30	sys
		185.00	8.08e-027	3568.71	0.00	14297.93	2.20	4.01	sys
		346.00	8.08e-027	4074.45	0.00	25934.35	1.30	6.37	sys
12		4.00	1.03e-025	47124.71	0.00	25934.35	1.30	1.55	sys
		12.50	1.03e-025	47082.76	0.00	25934.35	1.30	1.55	sys
		21.00	1.03e-025	47124.71	0.00	25934.35	1.30	1.55	sys
13		4.00	-1.84e-025	45429.75	0.00	25934.35	1.30	1.57	sys
		10.00	-1.84e-025	45408.94	0.00	25934.35	1.30	1.57	sys
		16.00	-1.84e-025	45429.75	0.00	25934.35	1.30	1.57	sys
14		19.00	1.62e-027	5601.46	0.00	25934.35	1.30	4.63	sys
		190.00	1.62e-027	4810.58	0.00	14297.93	2.20	2.97	sys
		361.00	1.62e-027	4019.71	0.00	25934.35	1.30	6.45	sys
15		4.00	-1.84e-025	84160.67	0.00	25934.35	1.30	1.31	sys
		10.00	-1.84e-025	84139.86	0.00	25934.35	1.30	1.31	sys
		16.00	-1.84e-025	84160.67	0.00	25934.35	1.30	1.31	sys
16		4.00	-3.88e-026	36383.08	0.00	25934.35	1.30	1.71	sys
		12.50	-3.88e-026	36327.15	0.00	25934.35	1.30	1.71	sys

	21.00	-3.88e-026	36383.08	0.00	25934.35	1.30	1.71	sys
18	24.00	9.29e-027	4076.28	0.00	25934.35	1.30	6.36	sys
	185.00	9.29e-027	2752.06	0.00	14297.93	2.20	5.20	sys
	346.00	9.29e-027	4076.28	0.00	25934.35	1.30	6.36	sys
20	4.00	-3.88e-026	36369.10	0.00	25934.35	1.30	1.71	sys
	12.50	-3.88e-026	36327.15	0.00	25934.35	1.30	1.71	sys
	21.00	-3.88e-026	36369.10	0.00	25934.35	1.30	1.71	sys
21	19.00	-5.58e-012	90826.53	0.00	25934.35	1.30	1.29	sys
	19.00	-5.58e-012	90826.53	0.00	25934.35	1.30	1.29	sys
	21.50	-5.58e-012	90830.82	0.00	25934.35	1.30	1.29	sys
22	24.00	4.20e-013	6376.78	0.00	25934.35	1.30	4.07	sys
	140.02	4.20e-013	4366.36	0.00	14297.93	2.20	3.27	sys
	261.04	4.20e-013	5758.50	0.00	25934.35	1.30	4.50	sys
23	19.00	4.71e-013	5910.73	0.00	25934.35	1.30	4.39	sys
	250.01	4.71e-013	2321.47	0.00	14297.93	2.20	6.16	sys
	476.02	4.71e-013	6237.33	0.00	25934.35	1.30	4.16	sys
24	4.00	-5.58e-012	90826.35	0.00	25934.35	1.30	1.29	sys
	6.50	-5.58e-012	90830.55	0.00	25934.35	1.30	1.29	sys
	6.50	-5.58e-012	90830.55	0.00	25934.35	1.30	1.29	sys
25	19.00	5.58e-012	90826.53	0.00	25934.35	1.30	1.29	sys
	19.00	5.58e-012	90826.53	0.00	25934.35	1.30	1.29	sys
	21.50	5.58e-012	90830.82	0.00	25934.35	1.30	1.29	sys
26	24.00	-4.20e-013	6376.78	0.00	25934.35	1.30	4.07	sys
	140.02	-4.20e-013	4366.36	0.00	14297.93	2.20	3.27	sys
	261.04	-4.20e-013	5758.50	0.00	25934.35	1.30	4.50	sys
27	19.00	-4.71e-013	5910.73	0.00	25934.35	1.30	4.39	sys
	250.01	-4.71e-013	2321.47	0.00	14297.93	2.20	6.16	sys
	476.02	-4.71e-013	6237.33	0.00	25934.35	1.30	4.16	sys
28	4.00	5.58e-012	90826.35	0.00	25934.35	1.30	1.29	sys
	6.50	5.58e-012	90830.55	0.00	25934.35	1.30	1.29	sys
	6.50	5.58e-012	90830.55	0.00	25934.35	1.30	1.29	sys

Minimo fattore di sicurezza: 1.285524 >= 1.00

Per ogni elemento **Elem** a quota (opzionale) di riferimento **Qta** viene calcolato, all'ascissa **Ascissa**, il taglio ultimo **Vr** nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza **F.Sic.**, cioè Tr/Td , relativo alla combinazione **Comb** che ha generato il minore fattore di sicurezza. Vengono espresse le sollecitazioni di calcolo nelle componenti **Nx**, **Ty** e **Tz** di tale combinazione (vedi **Combinazioni Progetto**). Il campo **Theta** riporta il valore di $ctg(\theta)$ usato nella verifica. Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura >10.0 per evitare la stampa di numeri inutilmente grandi.

Verifica taglio pilastri

Elem	Qta	Ascissa (cm)	Nx (kg)	Ty (kg)	Tz (kg)	Vr (kg)	Theta	F. Sic.	Comb.
3		41.576923	7077.287209	0.000000	6926.809665	31626.663203	2.202652	4.565834	sys
		210.000000	7077.287209	0.000000	6926.809665	23076.079309	2.500000	3.331415	sys
		404.000000	7077.287209	0.000000	6926.809665	31626.663203	2.202652	4.565834	sys
4		41.576923	7077.287209	0.000000	6926.809665	31626.663203	2.202652	4.565834	sys
		210.000000	7077.287209	0.000000	6926.809665	23076.079309	2.500000	3.331415	sys
		404.000000	7077.287209	0.000000	6926.809665	31626.663203	2.202652	4.565834	sys
5		41.576923	4874.559358	0.000000	6710.903440	31420.672780	2.188305	4.682033	sys
		210.000000	4874.559358	0.000000	6710.903440	23076.079309	2.500000	3.438595	sys
		404.000000	4874.559358	0.000000	6710.903440	31420.672780	2.188305	4.682033	sys
6		41.576923	4874.559358	0.000000	6710.903440	31420.672780	2.188305	4.682033	sys
		210.000000	4874.559358	0.000000	6710.903440	23076.079309	2.500000	3.438595	sys
		404.000000	4874.559358	0.000000	6710.903440	31420.672780	2.188305	4.682033	sys
7		41.576923	9753.711125	0.000000	5115.160154	26061.569022	2.500000	5.094966	sys
		210.000000	9753.711125	0.000000	5115.160154	16753.865800	2.500000	3.275336	sys
		404.000000	9753.711125	0.000000	5115.160154	26061.569022	2.500000	5.094966	sys
8		41.576923	9753.711125	0.000000	5115.160154	26061.569022	2.500000	5.094966	sys
		210.000000	9753.711125	0.000000	5115.160154	16753.865800	2.500000	3.275336	sys
		404.000000	9753.711125	0.000000	5115.160154	26061.569022	2.500000	5.094966	sys

Minimo fattore di sicurezza: 3.275336 >= 1.00

Per ogni elemento **Elem** a quota (opzionale) di riferimento **Qta** viene calcolato, all'ascissa **Ascissa**, il taglio ultimo **Vr** nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza **F.Sic.**, cioè Tr/Td , relativo alla combinazione **Comb** che ha generato il minore fattore di sicurezza. Vengono espresse le sollecitazioni di calcolo nelle componenti **Nx**, **Ty** e **Tz** di tale combinazione (vedi **Combinazioni Progetto**). Il campo **Theta** riporta il valore di $ctg(\theta)$ usato nella verifica. Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura >10.0 per evitare la stampa di numeri inutilmente grandi.

Verifica taglio travi di fondazione

Elem	Ascissa (cm)	Ty (kg)	Vr (kg)	F. Sic.	Comb.
29	24.000000	1129.663473	23118.616772	> 10.00	16
	25.000000	1089.298025	23118.616772	> 10.00	16
	46.000000	184.647056	22193.837357	> 10.00	16
31	24.000000	2819.850914	23127.483713	8.201669	16
	185.000000	1549.591206	24783.076957	> 10.00	16
	346.000000	-2819.850914	23127.483713	8.201669	11
32	4.000000	-184.647056	22193.837357	> 10.00	11
	25.000000	-1089.298025	23118.616772	> 10.00	11
	26.000000	-1129.663473	23118.616772	> 10.00	11
33	19.000000	1090.798990	23118.616772	> 10.00	21
	22.500000	950.278240	23118.616772	> 10.00	21
	41.000000	174.874870	22193.837357	> 10.00	21
34	19.000000	3883.776476	23127.483713	5.954896	14
	190.000000	1091.491508	24783.076957	> 10.00	14
	361.000000	-3883.776476	23127.483713	5.954896	9
35	4.000000	-174.874870	22193.837357	> 10.00	21
	22.500000	-950.278240	23118.616772	> 10.00	21
	26.000000	-1090.798990	23118.616772	> 10.00	21
36	24.000000	1382.591580	23118.616772	> 10.00	10
	25.000000	1333.212695	23118.616772	> 10.00	10
	46.000000	226.074353	22193.837357	> 10.00	10
38	24.000000	3917.928174	23127.483713	5.902988	10
	185.000000	-2003.128169	24783.076957	> 10.00	13
	346.000000	-3917.928174	23127.483713	5.902988	13
40	4.000000	-226.074353	22193.837357	> 10.00	13
	25.000000	-1333.212695	23118.616772	> 10.00	13
	26.000000	-1382.591580	23118.616772	> 10.00	13
41	19.000000	1264.585223	23118.616772	> 10.00	2
	25.124689	1028.999125	23118.616772	> 10.00	2
	46.249378	170.557689	22193.837357	> 10.00	2
42	24.000000	4404.947372	23127.483713	5.250343	6
	140.022320	2296.228833	24783.076957	> 10.00	6
	261.044639	-2328.036032	23127.483713	9.934332	1
43	19.000000	3006.168710	23118.616772	7.690392	15
	250.012500	-983.914813	24783.076957	> 10.00	1
	476.024999	-3925.336195	23127.483713	5.891848	1
44	4.000000	-220.058688	22193.837357	> 10.00	13
	25.124689	-1315.006424	23118.616772	> 10.00	13
	31.249378	-1611.327768	23118.616772	> 10.00	13
45	19.000000	1264.585223	23118.616772	> 10.00	8
	25.124689	1028.999125	23118.616772	> 10.00	8
	46.249378	170.557689	22193.837357	> 10.00	8
46	24.000000	4404.947372	23127.483713	5.250343	4
	140.022320	2296.228833	24783.076957	> 10.00	4
	261.044639	-2328.036032	23127.483713	9.934332	7
47	19.000000	3006.168710	23118.616772	7.690392	12
	250.012500	-983.914813	24783.076957	> 10.00	7
	476.024999	-3925.336195	23127.483713	5.891848	7
48	4.000000	-220.058688	22193.837357	> 10.00	10
	25.124689	-1315.006424	23118.616772	> 10.00	10
	31.249378	-1611.327768	23118.616772	> 10.00	10

Minimo fattore di sicurezza:

5.250343 >= 1.00

Gamma Rd 1.10

Per ogni elemento **Elem** a quota (opzionale) di riferimento **Qta** viene calcolato, all'ascissa **Ascissa**, il taglio ultimo **Tr** nella direzione di sollecitazione risultante e viene esposto il fattore di sicurezza **F.Sic.**, cioè Tr/Te , relativo alla combinazione **Comb** che ha generato il minore fattore di sicurezza. Viene esposta la sollecitazione **Ty** di tale combinazione (vedi Combinazioni Progetto). Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura >10.0 per evitare la stampa di numeri inutilmente grandi. Viene, in fondo alla tabella, riportato il valore di γ_{Rd} (**Gamma Rd**) impiegato nella verifica.

Verifica a torsione

Elem	P/T	Qta	Ascissa (cm)	Comb.	Td (kgxcm)	Tr (kgxcm)	Vd (kg)	Vr (kg)	Fs
3	P		41.58	10	19500.35	531274.65	2049.13	31918.06	> 10.00
			210.00	10	19500.35	504850.24	2049.13	40673.08	> 10.00
			404.00	10	19500.35	531274.65	2049.13	36018.27	> 10.00

4	P	41.58	10	19500.35	531274.65	1951.94	41659.77	> 10.00
		210.00	10	19500.35	504850.24	1951.95	53372.40	> 10.00
		404.00	10	19500.35	531274.65	1951.94	47313.00	> 10.00
5	P	41.58	10	19500.35	531274.65	778.60	43330.10	> 10.00
		210.00	10	19500.35	504850.24	778.61	20571.71	> 10.00
		404.00	10	19500.35	531274.65	778.59	40731.23	> 10.00
6	P	41.58	10	19500.35	531274.65	1149.91	31478.22	> 10.00
		210.00	10	19500.35	504850.24	1149.92	23080.46	> 10.00
		404.00	10	19500.35	531274.65	1149.90	31376.19	> 10.00
7	P	41.58	10	19500.35	531274.65	718.05	36359.13	> 10.00
		210.00	10	19500.35	504850.24	718.05	32380.06	> 10.00
		404.00	10	19500.35	531274.65	718.05	24809.32	> 10.00
8	P	41.58	10	19500.35	531274.65	976.66	22704.53	> 10.00
		210.00	10	19500.35	504850.24	976.66	26135.25	> 10.00
		404.00	10	19500.35	531274.65	976.66	34902.98	> 10.00
9	T	4.00	1	1.46e-010	407284.24	165.70	25934.35	> 10.00
		12.50	1	1.46e-010	407284.24	103.56	25934.35	> 10.00
		21.00	1	1.46e-010	407284.24	33.14	25934.35	> 10.00
11	T	24.00	13	8594.72	407284.24	2135.01	25934.35	> 10.00
		185.00	13	8594.72	415715.99	801.12	14297.93	> 10.00
		346.00	13	8594.72	407284.24	532.76	25934.35	> 10.00
12	T	4.00	1	-4.61e-011	417548.39	33.14	25934.35	> 10.00
		12.50	1	-4.61e-011	417548.39	103.56	25934.35	> 10.00
		21.00	1	-4.61e-011	417548.39	165.70	25934.35	> 10.00
13	T	4.00	1	2.07e-010	407284.24	74.00	25934.35	> 10.00
		10.00	1	2.07e-010	407284.24	46.25	25934.35	> 10.00
		16.00	1	2.07e-010	407284.24	18.50	25934.35	> 10.00
14	T	19.00	10	-9431.66	407284.24	16.41	25934.35	> 10.00
		190.00	10	-9431.66	415715.99	807.29	14297.93	> 10.00
		361.00	10	-9431.66	407284.24	1598.16	25934.35	> 10.00
15	T	4.00	1	-9.77e-011	417700.46	18.50	25934.35	> 10.00
		10.00	1	-9.77e-011	417700.46	46.25	25934.35	> 10.00
		16.00	1	-9.77e-011	417700.46	74.00	25934.35	> 10.00
16	T	4.00	1	-1.95e-010	407284.24	165.70	25934.35	> 10.00
		12.50	1	-1.95e-010	407284.24	103.56	25934.35	> 10.00
		21.00	1	-1.95e-010	407284.24	33.14	25934.35	> 10.00
18	T	24.00	13	10000.34	272955.44	2690.34	25934.35	7.12
		185.00	13	10000.34	415715.99	1356.46	14297.93	> 10.00
		346.00	12	-10000.34	272955.44	2690.34	25934.35	7.12
20	T	4.00	1	5.46e-012	407284.24	33.14	25934.35	> 10.00
		12.50	1	5.46e-012	407284.24	103.56	25934.35	> 10.00
		21.00	1	5.46e-012	407284.24	165.70	25934.35	> 10.00
21	T	19.00	1	9.96e-012	407284.24	57.27	25934.35	> 10.00
		19.00	1	9.96e-012	407284.24	57.27	25934.35	> 10.00
		21.50	1	9.96e-012	407284.24	35.48	25934.35	> 10.00
22	T	24.00	1	-7770.89	272955.44	4009.29	25934.35	5.46
		140.02	1	-7770.89	228508.26	1973.68	14297.93	5.81
		261.04	8	6542.67	272955.44	2906.66	25934.35	7.35
23	T	19.00	13	19946.88	272955.44	3838.07	25934.35	4.52
		250.01	13	19946.88	415715.99	215.26	14297.93	> 10.00
		476.02	21	1245.46	324134.58	6197.35	25934.35	4.12
24	T	4.00	1	-6.51e-011	407284.24	35.48	25934.35	> 10.00
		6.50	1	-6.51e-011	407284.24	57.27	25934.35	> 10.00
		6.50	1	-6.51e-011	407284.24	57.27	25934.35	> 10.00
25	T	19.00	1	9.17e-011	407284.24	57.27	25934.35	> 10.00
		19.00	1	9.17e-011	407284.24	57.27	25934.35	> 10.00
		21.50	1	9.17e-011	407284.24	35.48	25934.35	> 10.00
26	T	24.00	7	7770.89	272955.44	4009.29	25934.35	5.46
		140.02	7	7770.89	228508.26	1973.68	14297.93	5.81
		261.04	2	-6542.67	272955.44	2906.66	25934.35	7.35
27	T	19.00	10	-19946.88	272955.44	3838.07	25934.35	4.52
		250.01	10	-19946.88	415715.99	215.26	14297.93	> 10.00
		476.02	21	-1245.46	324134.58	6197.35	25934.35	4.12
28	T	4.00	1	-3.83e-011	407284.24	35.48	25934.35	> 10.00
		6.50	1	-3.83e-011	407284.24	57.27	25934.35	> 10.00
		6.50	1	-3.83e-011	407284.24	57.27	25934.35	> 10.00
29	F	24.00	4	3095.96	994315.49	1000.21	23118.62	> 10.00

			25.00	4	2976.88	994315.49	963.37	23118.62	> 10.00
			46.00	4	476.30	994315.49	159.61	22193.84	> 10.00
31	F		24.00	16	-12794.49	519264.19	2819.85	23127.48	6.82
			185.00	13	21992.47	994315.49	1200.85	24783.08	> 10.00
			346.00	11	12794.49	519264.19	2819.85	23127.48	6.82
32	F		4.00	6	-476.30	994315.49	159.61	22193.84	> 10.00
			25.00	6	-2976.88	994315.49	963.37	23118.62	> 10.00
			26.00	6	-3095.96	994315.49	1000.21	23118.62	> 10.00
33	F		19.00	4	3012.94	994315.49	743.87	23118.62	> 10.00
			22.50	4	2607.36	994315.49	649.14	23118.62	> 10.00
			41.00	4	463.53	994315.49	120.48	22193.84	> 10.00
34	F		19.00	10	-12500.19	519264.19	3864.55	23127.48	5.23
			190.00	15	14618.05	994315.49	1029.68	24783.08	> 10.00
			361.00	13	12500.19	519264.19	3864.55	23127.48	5.23
35	F		4.00	6	-463.53	994315.49	120.48	22193.84	> 10.00
			22.50	6	-2607.36	994315.49	649.14	23118.62	> 10.00
			26.00	6	-3012.94	994315.49	743.87	23118.62	> 10.00
36	F		24.00	7	-6231.91	994315.49	1085.19	23118.62	> 10.00
			25.00	7	-5992.22	994315.49	1045.24	23118.62	> 10.00
			46.00	7	-958.76	994315.49	173.24	24783.08	> 10.00
38	F		24.00	3	-27599.60	519264.19	3223.10	23127.48	5.19
			185.00	9	-27214.31	994315.49	1595.53	24783.08	> 10.00
			346.00	5	27599.60	519264.19	3223.10	23127.48	5.19
40	F		4.00	1	958.76	994315.49	173.24	22193.84	> 10.00
			25.00	1	5992.22	994315.49	1045.24	23118.62	> 10.00
			26.00	1	6231.91	994315.49	1085.19	23118.62	> 10.00
41	F		19.00	11	6520.47	994315.49	1194.86	23118.62	> 10.00
			25.12	11	5242.50	994315.49	967.58	23118.62	> 10.00
			46.25	11	834.64	994315.49	157.84	22193.84	> 10.00
42	F		24.00	21	39388.65	519264.19	3893.06	23127.48	4.10
			140.02	14	49642.36	994315.49	286.48	22193.84	> 10.00
			261.04	1	12691.64	519264.19	2328.04	23127.48	7.99
43	F		19.00	15	65751.08	519264.19	3006.17	23118.62	3.90
			250.01	12	-37516.75	994315.49	101.59	24783.08	> 10.00
			476.02	1	-30969.01	519264.19	3925.34	23127.48	4.36
44	F		4.00	13	-1027.74	994315.49	220.06	22193.84	> 10.00
			25.12	13	-6455.40	994315.49	1315.01	23118.62	> 10.00
			31.25	13	-8029.04	994315.49	1611.33	23118.62	> 10.00
45	F		19.00	16	-6520.47	994315.49	1194.86	23118.62	> 10.00
			25.12	16	-5242.50	994315.49	967.58	23118.62	> 10.00
			46.25	16	-834.64	994315.49	157.84	22193.84	> 10.00
46	F		24.00	21	-39388.65	519264.19	3893.06	23127.48	4.10
			140.02	9	-49642.36	994315.49	286.48	22193.84	> 10.00
			261.04	7	-12691.64	519264.19	2328.04	23127.48	7.99
47	F		19.00	12	-65751.08	519264.19	3006.17	23118.62	3.90
			250.01	15	37516.75	994315.49	101.59	24783.08	> 10.00
			476.02	7	30969.01	519264.19	3925.34	23127.48	4.36
48	F		4.00	10	1027.74	994315.49	220.06	22193.84	> 10.00
			25.12	10	6455.40	994315.49	1315.01	23118.62	> 10.00
			31.25	10	8029.04	994315.49	1611.33	23118.62	> 10.00

Minimo fattore di sicurezza: 3.896267 >= 1.00

Per ogni elemento *Elem* di tipo *P*(ilastro) o *T*(rave) a quota (opzionale) di riferimento *Qta* viene calcolato, all'ascissa *Ascissa*, per ogni combinazione di carico il fattore di sicurezza combinato taglio-torsione *Fs* e vengono esposti dati e risultati relativi alla combinazione *Comb.* per la quale si è ottenuto il fattore di sicurezza minimo. Vengono esposti i momenti torcenti agenti *Td* e resistenti *Tr* ed i valori di taglio combinato agente *Vd* e resistente *Vr*. Se il fattore di sicurezza è maggiore di 10.0, viene riportata la dicitura >10.0 per evitare la stampa di numeri inutilmente grandi. In caso sia segnalato *Verifica non effettuata* (che non indica una verifica non soddisfatta ma una impossibilità a effettuarla) il valore finale non tiene conto di tale verifica.

Verifica stato limite di esercizio - fessurazione

Elemento	Ascissa (cm)	Ampiezza Fess. (mm)	Dist.fessure (mm)	Momenti agenti		Momenti prima fessurazione		Comb.	Tipo
				Mz (kgxcm)	My (kgxcm)	Mz (kgxcm)	My (kgxcm)		
3	41.576923	0.002641	184.558350	62150.930899	-4650.084518	243810.249464	335866.595840	1	qprm
	41.576923	0.002761	184.558350	63477.379284	-4572.160897	243810.249464	335866.595840	2	freq
	210.000000	0.005524	184.558350	-69855.673635	22447.964453	243810.249464	335866.595840	1	qprm
	210.000000	0.005692	184.558350	-71298.823515	22707.225526	243810.249464	335866.595840	2	freq
	404.000000	0.143494	184.558350	-221908.953669	53661.154452	243810.249464	335866.595840	1	qprm
	404.000000	0.146939	184.558350	-226542.296206	54129.291093	243810.249464	335866.595840	2	freq

4	41.576923	0.002641	184.558350	62150.930899	4650.084518	243810.249464	335866.595840	1	qprm
	41.576923	0.002761	184.558350	63477.379284	4572.160897	243810.249464	335866.595840	2	freq
	210.000000	0.005524	184.558350	-69855.673635	-22447.964453	243810.249464	335866.595840	1	qprm
	210.000000	0.005692	184.558350	-71298.823515	-22707.225526	243810.249464	335866.595840	2	freq
	404.000000	0.143494	184.558350	-221908.953669	-53661.154452	243810.249464	335866.595840	1	qprm
	404.000000	0.146939	184.558350	-226542.296206	-54129.291093	243810.249464	335866.595840	2	freq
5	404.000000	0.007918	118.815527	40541.004003	-61907.226975	243810.249464	335866.595840	1	qprm
	404.000000	0.008029	118.815527	41402.566178	-62513.747498	243810.249464	335866.595840	2	freq
6	404.000000	0.007918	118.815527	40541.004003	61907.226975	243810.249464	335866.595840	1	qprm
	404.000000	0.008029	118.815527	41402.566178	62513.747498	243810.249464	335866.595840	2	freq
7	404.000000	0.013167	118.815527	162340.196335	-34249.418408	335866.595840	243810.249464	1	qprm
	404.000000	0.013412	118.815527	165716.130864	-34326.517828	335866.595840	243810.249464	2	freq
8	404.000000	0.013167	118.815527	162340.196335	34249.418408	335866.595840	243810.249464	1	qprm
	404.000000	0.013412	118.815527	165716.130864	34326.517828	335866.595840	243810.249464	2	freq
9	4.000000	0.000959	201.094266	1645.000000	1.950682e-011	181152.514007	363353.292582	1	qprm
	4.000000	0.000971	201.094266	1665.000000	1.920716e-011	181152.514007	363353.292582	2	freq
	12.500000	0.000373	201.094266	642.578125	2.118068e-011	181152.514007	363353.292582	1	qprm
	12.500000	0.000378	201.094266	650.390625	2.099921e-011	181152.514007	363353.292582	2	freq
	21.000000	0.000038	201.094266	65.800000	1.463579e-011	181152.514007	363353.292582	1	qprm
	21.000000	0.000039	201.094266	66.600000	1.394508e-011	181152.514007	363353.292582	2	freq
11	24.000000	0.017439	130.837138	42946.254184	1.327156e-012	181152.514007	363353.292582	1	qprm
	24.000000	0.017858	130.837138	43498.897845	1.356348e-012	181152.514007	363353.292582	2	freq
	185.000000	0.092557	201.094266	-63653.858316	1.327156e-012	181152.514007	363353.292582	1	qprm
	185.000000	0.093649	201.094266	-64397.264655	1.356348e-012	181152.514007	363353.292582	2	freq
	346.000000	0.025073	201.094266	42946.254184	1.327156e-012	181152.514007	363353.292582	1	qprm
	346.000000	0.025396	201.094266	43498.897845	1.356348e-012	181152.514007	363353.292582	2	freq
12	4.000000	0.000017	148.502825	65.800000	1.463579e-011	185733.843205	371058.037148	1	qprm
	4.000000	0.000018	148.502825	66.600000	1.394508e-011	185733.843205	371058.037148	2	freq
	12.500000	0.000170	148.502825	642.578125	2.118068e-011	185733.843205	371058.037148	1	qprm
	12.500000	0.000172	148.502825	650.390625	2.099921e-011	185733.843205	371058.037148	2	freq
	21.000000	0.000434	148.502825	1645.000000	1.950682e-011	185733.843205	371058.037148	1	qprm
	21.000000	0.000439	148.502825	1665.000000	1.920716e-011	185733.843205	371058.037148	2	freq
13	4.000000	0.000344	201.094266	592.000000	2.287291e-011	181152.514007	363353.292582	1	qprm
	4.000000	0.000344	201.094266	592.000000	2.287291e-011	181152.514007	363353.292582	3	freq
	10.000000	0.000134	201.094266	231.250000	1.875435e-011	181152.514007	363353.292582	1	qprm
	10.000000	0.000134	201.094266	231.250000	1.875435e-011	181152.514007	363353.292582	3	freq
	16.000000	0.000021	201.094266	37.000000	1.463579e-011	181152.514007	363353.292582	1	qprm
	16.000000	0.000021	201.094266	37.000000	1.463579e-011	181152.514007	363353.292582	3	freq
14	19.000000	0.003748	113.367022	22806.896663	2.022220e-012	181152.514007	363353.292582	1	qprm
	19.000000	0.003748	113.367022	22806.896663	2.022220e-012	181152.514007	363353.292582	3	freq
	190.000000	0.064847	201.094266	-44812.915837	2.022220e-012	181152.514007	363353.292582	1	qprm
	190.000000	0.064945	201.094266	-44879.694689	2.060217e-012	181152.514007	363353.292582	2	freq
	361.000000	0.013309	201.094266	22806.896663	2.022220e-012	181152.514007	363353.292582	1	qprm
	361.000000	0.013309	201.094266	22806.896663	2.022220e-012	181152.514007	363353.292582	3	freq
15	4.000000	4.269631e-006	113.367022	37.000000	1.463579e-011	193290.990634	390319.898562	1	qprm
	4.000000	4.269631e-006	113.367022	37.000000	1.463579e-011	193290.990634	390319.898562	3	freq
	10.000000	0.000027	113.367022	231.250000	1.875435e-011	193290.990634	390319.898562	1	qprm
	10.000000	0.000027	113.367022	231.250000	1.875435e-011	193290.990634	390319.898562	3	freq
	16.000000	0.000068	113.367022	592.000000	2.287291e-011	193290.990634	390319.898562	1	qprm
	16.000000	0.000068	113.367022	592.000000	2.287291e-011	193290.990634	390319.898562	3	freq
16	4.000000	0.000959	201.094266	1645.000000	1.950682e-011	181152.514007	363353.292582	1	qprm
	4.000000	0.000971	201.094266	1665.000000	1.920716e-011	181152.514007	363353.292582	2	freq
	12.500000	0.000373	201.094266	642.578125	2.118068e-011	181152.514007	363353.292582	1	qprm
	12.500000	0.000378	201.094266	650.390625	2.099921e-011	181152.514007	363353.292582	2	freq
	21.000000	0.000038	201.094266	65.800000	1.463579e-011	181152.514007	363353.292582	1	qprm
	21.000000	0.000039	201.094266	66.600000	1.394508e-011	181152.514007	363353.292582	2	freq
18	24.000000	0.026009	201.094266	44548.760404	1.327156e-012	181152.514007	363353.292582	1	qprm
	24.000000	0.026346	201.094266	45124.513020	1.356348e-012	181152.514007	363353.292582	2	freq
	185.000000	0.090203	201.094266	-62051.352096	1.327156e-012	181152.514007	363353.292582	1	qprm
	185.000000	0.091261	201.094266	-62771.649480	1.356348e-012	181152.514007	363353.292582	2	freq
	346.000000	0.026009	201.094266	44548.760404	1.327156e-012	181152.514007	363353.292582	1	qprm
	346.000000	0.026346	201.094266	45124.513020	1.356348e-012	181152.514007	363353.292582	2	freq
20	4.000000	0.000038	201.094266	65.800000	1.463579e-011	181152.514007	363353.292582	1	qprm
	4.000000	0.000039	201.094266	66.600000	1.394508e-011	181152.514007	363353.292582	2	freq
	12.500000	0.000373	201.094266	642.578125	2.118068e-011	181152.514007	363353.292582	1	qprm
	12.500000	0.000378	201.094266	650.390625	2.099921e-011	181152.514007	363353.292582	2	freq
	21.000000	0.000959	201.094266	1645.000000	1.950682e-011	181152.514007	363353.292582	1	qprm
	21.000000	0.000971	201.094266	1665.000000	1.920716e-011	181152.514007	363353.292582	2	freq
21	19.000000	0.000108	201.094266	185.581780	-6.435793e-025	181152.514007	363353.292582	1	qprm
	19.000000	0.000109	201.094266	187.838093	-6.464801e-025	181152.514007	363353.292582	2	freq
	19.000000	0.000108	201.094266	185.581780	-6.435793e-025	181152.514007	363353.292582	1	qprm
	19.000000	0.000109	201.094266	187.838093	-6.464801e-025	181152.514007	363353.292582	2	freq

	21.495098	0.000041	201.094266	70.656136	-7.002280e-025	181152.514007	363353.292582	1	qprm
	21.495098	0.000042	201.094266	71.515177	-7.031425e-025	181152.514007	363353.292582	2	freq
22	24.000000	0.094415	130.837138	143183.114400	7.144003e-026	181152.514007	363353.292582	1	qprm
	24.000000	0.096629	130.837138	146152.225903	7.169710e-026	181152.514007	363353.292582	2	freq
	140.022320	0.060168	201.094266	-41640.271828	6.426577e-027	181152.514007	363353.292582	1	qprm
	140.022320	0.061450	201.094266	-42509.438432	6.264843e-027	181152.514007	363353.292582	2	freq
	261.044639	0.008237	201.094266	14118.453222	-5.874816e-026	181152.514007	363353.292582	1	qprm
	261.044639	0.008407	201.094266	14410.212452	-5.934323e-026	181152.514007	363353.292582	2	freq
23	19.000000	0.177298	165.777371	163577.041958	-5.574811e-028	181152.514007	363353.292582	1	qprm
	19.000000	0.181833	165.777371	166978.441583	-4.162324e-028	181152.514007	363353.292582	2	freq
	250.012500	0.339452	201.094266	-231496.215181	-4.341271e-027	181152.514007	363353.292582	1	qprm
	250.012500	0.346558	201.094266	-236306.805816	-4.361429e-027	181152.514007	363353.292582	2	freq
	476.024999	0.209961	158.073251	276804.986029	-8.125697e-027	183806.293730	367687.210682	1	qprm
	476.024999	0.215413	158.073251	282553.880363	-8.311434e-027	183806.293730	367687.210682	2	freq
24	4.000000	0.000041	201.094266	70.656136	-6.283671e-025	181152.514007	363353.292582	1	qprm
	4.000000	0.000042	201.094266	71.515177	-6.202206e-025	181152.514007	363353.292582	2	freq
	6.495098	0.000108	201.094266	185.581780	-6.285725e-025	181152.514007	363353.292582	1	qprm
	6.495098	0.000109	201.094266	187.838093	-6.214760e-025	181152.514007	363353.292582	2	freq
	6.495098	0.000108	201.094266	185.581780	-6.285725e-025	181152.514007	363353.292582	1	qprm
	6.495098	0.000109	201.094266	187.838093	-6.214760e-025	181152.514007	363353.292582	2	freq
25	19.000000	0.000108	201.094266	185.581780	-6.435793e-025	181152.514007	363353.292582	1	qprm
	19.000000	0.000109	201.094266	187.838093	-6.464801e-025	181152.514007	363353.292582	2	freq
	19.000000	0.000108	201.094266	185.581780	-6.435793e-025	181152.514007	363353.292582	1	qprm
	19.000000	0.000109	201.094266	187.838093	-6.464801e-025	181152.514007	363353.292582	2	freq
	21.495098	0.000041	201.094266	70.656136	-7.002280e-025	181152.514007	363353.292582	1	qprm
	21.495098	0.000042	201.094266	71.515177	-7.031425e-025	181152.514007	363353.292582	2	freq
26	24.000000	0.094415	130.837138	143183.114400	7.144003e-026	181152.514007	363353.292582	1	qprm
	24.000000	0.096629	130.837138	146152.225903	7.169710e-026	181152.514007	363353.292582	2	freq
	140.022320	0.060168	201.094266	-41640.271828	6.426577e-027	181152.514007	363353.292582	1	qprm
	140.022320	0.061450	201.094266	-42509.438432	6.264843e-027	181152.514007	363353.292582	2	freq
	261.044639	0.008237	201.094266	14118.453222	-5.874816e-026	181152.514007	363353.292582	1	qprm
	261.044639	0.008407	201.094266	14410.212452	-5.934323e-026	181152.514007	363353.292582	2	freq
27	19.000000	0.177298	165.777371	163577.041958	-5.574811e-028	181152.514007	363353.292582	1	qprm
	19.000000	0.181833	165.777371	166978.441583	-4.162324e-028	181152.514007	363353.292582	2	freq
	250.012500	0.339452	201.094266	-231496.215181	-4.341271e-027	181152.514007	363353.292582	1	qprm
	250.012500	0.346558	201.094266	-236306.805816	-4.361429e-027	181152.514007	363353.292582	2	freq
	476.024999	0.209961	158.073251	276804.986029	-8.125697e-027	183806.293730	367687.210682	1	qprm
	476.024999	0.215413	158.073251	282553.880363	-8.311434e-027	183806.293730	367687.210682	2	freq
28	4.000000	0.000041	201.094266	70.656136	-6.283671e-025	181152.514007	363353.292582	1	qprm
	4.000000	0.000042	201.094266	71.515177	-6.202206e-025	181152.514007	363353.292582	2	freq
	6.495098	0.000108	201.094266	185.581780	-6.285725e-025	181152.514007	363353.292582	1	qprm
	6.495098	0.000109	201.094266	187.838093	-6.214760e-025	181152.514007	363353.292582	2	freq
	6.495098	0.000108	201.094266	185.581780	-6.285725e-025	181152.514007	363353.292582	1	qprm
	6.495098	0.000109	201.094266	187.838093	-6.214760e-025	181152.514007	363353.292582	2	freq
29	24.000000	0.000966	222.945788	-8712.633151	0.000000	822059.099272	1655665.907625	1	qprm
	24.000000	0.000975	222.945788	-8798.518140	0.000000	822059.099272	1655665.907625	2	freq
	25.000000	0.000894	222.945788	-8062.953596	0.000000	822059.099272	1655665.907625	1	qprm
	25.000000	0.000903	222.945788	-8142.471764	0.000000	822059.099272	1655665.907625	2	freq
	46.000000	0.000023	222.945788	-210.515911	0.000000	822059.099272	1655665.907625	1	qprm
	46.000000	0.000023	222.945788	-212.612146	0.000000	822059.099272	1655665.907625	2	freq
31	24.000000	0.001922	152.526769	13813.648540	0.000000	822059.099272	1655665.907625	1	qprm
	24.000000	0.001943	152.526769	13966.271807	0.000000	822059.099272	1655665.907625	2	freq
	185.000000	0.016221	152.526769	116569.387250	0.000000	822059.099272	1655665.907625	1	qprm
	185.000000	0.016464	152.526769	118318.782809	0.000000	822059.099272	1655665.907625	2	freq
	346.000000	0.001922	152.526769	13813.648540	0.000000	822059.099272	1655665.907625	1	qprm
	346.000000	0.001943	152.526769	13966.271807	0.000000	822059.099272	1655665.907625	2	freq
32	4.000000	0.000023	222.945788	-210.515911	0.000000	822059.099272	1655665.907625	1	qprm
	4.000000	0.000023	222.945788	-212.612146	0.000000	822059.099272	1655665.907625	2	freq
	25.000000	0.000894	222.945788	-8062.953596	0.000000	822059.099272	1655665.907625	1	qprm
	25.000000	0.000903	222.945788	-8142.471764	0.000000	822059.099272	1655665.907625	2	freq
	26.000000	0.000966	222.945788	-8712.633151	0.000000	822059.099272	1655665.907625	1	qprm
	26.000000	0.000975	222.945788	-8798.518140	0.000000	822059.099272	1655665.907625	2	freq
33	19.000000	0.001139	222.945788	-10273.108199	0.000000	822059.099272	1655665.907625	1	qprm
	19.000000	0.001153	222.945788	-10400.371353	0.000000	822059.099272	1655665.907625	2	freq
	22.500000	0.000857	222.945788	-7727.225153	0.000000	822059.099272	1655665.907625	1	qprm
	22.500000	0.000867	222.945788	-7822.946059	0.000000	822059.099272	1655665.907625	2	freq
	41.000000	0.000027	222.945788	-249.863533	0.000000	822059.099272	1655665.907625	1	qprm
	41.000000	0.000027	222.945788	-252.958069	0.000000	822059.099272	1655665.907625	2	freq
34	19.000000	0.002865	222.945788	-25835.084163	0.000000	822059.099272	1655665.907625	1	qprm
	19.000000	0.002902	222.945788	-26175.063850	0.000000	822059.099272	1655665.907625	2	freq
	190.000000	0.029244	152.526769	210116.131473	0.000000	822059.099272	1655665.907625	1	qprm
	190.000000	0.029606	152.526769	212714.628048	0.000000	822059.099272	1655665.907625	2	freq
	361.000000	0.002865	222.945788	-25835.084163	0.000000	822059.099272	1655665.907625	1	qprm

361.000000	0.002902	222.945788	-26175.063850	0.000000	822059.099272	1655665.907625	2 freq
35 4.000000	0.000027	222.945788	-249.863533	0.000000	822059.099272	1655665.907625	1 qprm
4.000000	0.000027	222.945788	-252.958069	0.000000	822059.099272	1655665.907625	2 freq
22.500000	0.000857	222.945788	-7727.225153	0.000000	822059.099272	1655665.907625	1 qprm
22.500000	0.000867	222.945788	-7822.946059	0.000000	822059.099272	1655665.907625	2 freq
26.000000	0.001139	222.945788	-10273.108199	0.000000	822059.099272	1655665.907625	1 qprm
26.000000	0.001153	222.945788	-10400.371353	0.000000	822059.099272	1655665.907625	2 freq
36 24.000000	0.001247	222.945788	-11243.493369	0.000000	822059.099272	1655665.907625	1 qprm
24.000000	0.001262	222.945788	-11384.234765	0.000000	822059.099272	1655665.907625	2 freq
25.000000	0.001154	222.945788	-10404.395539	0.000000	822059.099272	1655665.907625	1 qprm
25.000000	0.001168	222.945788	-10534.672612	0.000000	822059.099272	1655665.907625	2 freq
46.000000	0.000029	222.945788	-271.273656	0.000000	822059.099272	1655665.907625	1 qprm
46.000000	0.000030	222.945788	-274.691400	0.000000	822059.099272	1655665.907625	2 freq
38 24.000000	0.000762	222.945788	-6870.667325	0.000000	822059.099272	1655665.907625	1 qprm
24.000000	0.000782	222.945788	-7052.541058	0.000000	822059.099272	1655665.907625	2 freq
185.000000	0.022550	152.526769	162038.439095	0.000000	822059.099272	1655665.907625	1 qprm
185.000000	0.022935	152.526769	164800.871279	0.000000	822059.099272	1655665.907625	2 freq
346.000000	0.000762	222.945788	-6870.667325	0.000000	822059.099272	1655665.907625	1 qprm
346.000000	0.000782	222.945788	-7052.541058	0.000000	822059.099272	1655665.907625	2 freq
40 4.000000	0.000029	222.945788	-271.273656	0.000000	822059.099272	1655665.907625	1 qprm
4.000000	0.000030	222.945788	-274.691400	0.000000	822059.099272	1655665.907625	2 freq
25.000000	0.001154	222.945788	-10404.395539	0.000000	822059.099272	1655665.907625	1 qprm
25.000000	0.001168	222.945788	-10534.672612	0.000000	822059.099272	1655665.907625	2 freq
26.000000	0.001247	222.945788	-11243.493369	0.000000	822059.099272	1655665.907625	1 qprm
26.000000	0.001262	222.945788	-11384.234765	0.000000	822059.099272	1655665.907625	2 freq
41 19.000000	0.001281	222.945788	-11555.149369	0.000000	822059.099272	1655665.907625	1 qprm
19.000000	0.001293	222.945788	-11661.089919	0.000000	822059.099272	1655665.907625	2 freq
25.124689	0.000830	222.945788	-7482.358216	0.000000	822059.099272	1655665.907625	1 qprm
25.124689	0.000837	222.945788	-7550.911161	0.000000	822059.099272	1655665.907625	2 freq
46.249378	0.000021	222.945788	-190.771945	0.000000	822059.099272	1655665.907625	1 qprm
46.249378	0.000021	222.945788	-192.515666	0.000000	822059.099272	1655665.907625	2 freq
42 24.000000	0.017876	222.945788	-161078.938534	0.000000	822059.099272	1655665.907625	1 qprm
24.000000	0.018239	222.945788	-164350.294446	0.000000	822059.099272	1655665.907625	2 freq
140.022320	0.004824	152.526769	34672.953572	0.000000	822059.099272	1655665.907625	1 qprm
140.022320	0.004895	152.526769	35188.568525	0.000000	822059.099272	1655665.907625	2 freq
261.044639	0.002344	152.526769	16848.193956	0.000000	822059.099272	1655665.907625	1 qprm
261.044639	0.002426	152.526769	17436.337340	0.000000	822059.099272	1655665.907625	2 freq
43 19.000000	0.007353	152.526769	52856.247724	0.000000	822059.099272	1655665.907625	1 qprm
19.000000	0.007543	152.526769	54221.649276	0.000000	822059.099272	1655665.907625	2 freq
250.012500	0.026396	152.526769	189661.415977	0.000000	822059.099272	1655665.907625	1 qprm
250.012500	0.026873	152.526769	193087.075671	0.000000	822059.099272	1655665.907625	2 freq
476.024999	0.010562	222.945788	-95208.310878	0.000000	822059.099272	1655665.907625	1 qprm
476.024999	0.010768	222.945788	-97063.835975	0.000000	822059.099272	1655665.907625	2 freq
44 4.000000	0.000033	222.945788	-304.449700	0.000000	822059.099272	1655665.907625	1 qprm
4.000000	0.000034	222.945788	-308.546973	0.000000	822059.099272	1655665.907625	2 freq
25.124689	0.001289	222.945788	-11628.156674	0.000000	822059.099272	1655665.907625	1 qprm
25.124689	0.001306	222.945788	-11782.722873	0.000000	822059.099272	1655665.907625	2 freq
31.249378	0.001975	222.945788	-17816.456861	0.000000	822059.099272	1655665.907625	1 qprm
31.249378	0.002002	222.945788	-18052.388562	0.000000	822059.099272	1655665.907625	2 freq
45 19.000000	0.001281	222.945788	-11555.149369	0.000000	822059.099272	1655665.907625	1 qprm
19.000000	0.001293	222.945788	-11661.089919	0.000000	822059.099272	1655665.907625	2 freq
25.124689	0.000830	222.945788	-7482.358216	0.000000	822059.099272	1655665.907625	1 qprm
25.124689	0.000837	222.945788	-7550.911161	0.000000	822059.099272	1655665.907625	2 freq
46.249378	0.000021	222.945788	-190.771945	0.000000	822059.099272	1655665.907625	1 qprm
46.249378	0.000021	222.945788	-192.515666	0.000000	822059.099272	1655665.907625	2 freq
46 24.000000	0.017876	222.945788	-161078.938534	0.000000	822059.099272	1655665.907625	1 qprm
24.000000	0.018239	222.945788	-164350.294446	0.000000	822059.099272	1655665.907625	2 freq
140.022320	0.004824	152.526769	34672.953572	0.000000	822059.099272	1655665.907625	1 qprm
140.022320	0.004895	152.526769	35188.568525	0.000000	822059.099272	1655665.907625	2 freq
261.044639	0.002344	152.526769	16848.193956	0.000000	822059.099272	1655665.907625	1 qprm
261.044639	0.002426	152.526769	17436.337340	0.000000	822059.099272	1655665.907625	2 freq
47 19.000000	0.007353	152.526769	52856.247724	0.000000	822059.099272	1655665.907625	1 qprm
19.000000	0.007543	152.526769	54221.649276	0.000000	822059.099272	1655665.907625	2 freq
250.012500	0.026396	152.526769	189661.415977	0.000000	822059.099272	1655665.907625	1 qprm
250.012500	0.026873	152.526769	193087.075671	0.000000	822059.099272	1655665.907625	2 freq
476.024999	0.010562	222.945788	-95208.310878	0.000000	822059.099272	1655665.907625	1 qprm
476.024999	0.010768	222.945788	-97063.835975	0.000000	822059.099272	1655665.907625	2 freq
48 4.000000	0.000033	222.945788	-304.449700	0.000000	822059.099272	1655665.907625	1 qprm
4.000000	0.000034	222.945788	-308.546973	0.000000	822059.099272	1655665.907625	2 freq
25.124689	0.001289	222.945788	-11628.156674	0.000000	822059.099272	1655665.907625	1 qprm
25.124689	0.001306	222.945788	-11782.722873	0.000000	822059.099272	1655665.907625	2 freq
31.249378	0.001975	222.945788	-17816.456861	0.000000	822059.099272	1655665.907625	1 qprm
31.249378	0.002002	222.945788	-18052.388562	0.000000	822059.099272	1655665.907625	2 freq

Verifica stato limite di esercizio - tensioni massime nel calcestruzzo

Elemento	Ascissa (cm)	Tensione (kg/cm2)	Combinazione rara		Comb.	Combinazione quasi permanente			
			Mz (kgxcm)	My (kgxcm)		Tensione (kg/cm2)	Mz (kgxcm)	My (kgxcm)	Comb.
3	41.576923	-15.996995	69523.360528	-4205.598594	5	-14.460559	62150.930899	-4650.084518	1
	210.000000	-20.357758	-77872.663114	23874.322997	5	-18.396745	-69855.673635	22447.964453	1
	404.000000	-63.316719	-247652.417225	56218.493928	5	-57.334765	-221908.953669	53661.154452	1
4	41.576923	-15.996995	69523.360528	4205.598594	5	-14.460559	62150.930899	4650.084518	1
	210.000000	-20.357758	-77872.663114	-23874.322997	5	-18.396745	-69855.673635	-22447.964453	1
	404.000000	-63.316719	-247652.417225	-56218.493928	5	-57.334765	-221908.953669	-53661.154452	1
5	41.576923	-7.473392	-21806.773934	10375.964336	5	-6.906771	-19445.022165	10166.111660	1
	210.000000	-6.864546	9392.721636	-24761.707377	5	-6.365707	8431.323860	-23327.377662	1
	404.000000	-19.900120	45330.208655	-65235.426518	5	-18.358463	40541.004003	-61907.226975	1
6	41.576923	-7.473392	-21806.773934	-10375.964336	5	-6.906771	-19445.022165	-10166.111660	1
	210.000000	-6.864546	9392.721636	24761.707377	5	-6.365707	8431.323860	23327.377662	1
	404.000000	-19.900120	45330.208655	65235.426518	5	-18.358463	40541.004003	61907.226975	1
7	41.576923	-14.114879	-68942.941651	1170.873936	5	-12.891338	-61733.662065	1755.761184	1
	210.000000	-13.575982	47253.586421	-15485.063547	5	-12.433274	42396.596444	-14976.349761	1
	404.000000	-35.431488	181095.853512	-34670.390942	5	-32.422511	162340.196335	-34249.418408	1
8	41.576923	-14.114879	-68942.941651	-1170.873936	5	-12.891338	-61733.662065	-1755.761184	1
	210.000000	-13.575982	47253.586421	15485.063547	5	-12.433274	42396.596444	14976.349761	1
	404.000000	-35.431488	181095.853512	34670.390942	5	-32.422511	162340.196335	34249.418408	1
9	4.000000	-0.476262	1755.000000	1.972678e-011	5	-0.446410	1645.000000	1.950682e-011	1
	12.500000	-0.187386	685.546875	2.119635e-011	5	-0.175641	642.578125	2.118068e-011	1
	21.000000	-0.019188	70.200000	1.361594e-011	5	-0.017986	65.800000	1.463579e-011	1
11	24.000000	-10.369481	45986.720170	1.616221e-012	5	-9.683891	42946.254184	1.327156e-012	1
	185.000000	-18.382952	-67741.667330	1.616221e-012	5	-17.273650	-63653.858316	1.327156e-012	1
	346.000000	-12.479607	45986.720170	1.616221e-012	5	-11.654503	42946.254184	1.327156e-012	1
12	4.000000	-0.015860	70.200000	1.361594e-011	5	-0.014866	65.800000	1.463579e-011	1
	12.500000	-0.154878	685.546875	2.119635e-011	5	-0.145171	642.578125	2.118068e-011	1
	21.000000	-0.396489	1755.000000	1.972678e-011	5	-0.371638	1645.000000	1.950682e-011	1
13	4.000000	-0.161816	592.000000	2.287291e-011	6	-0.161816	592.000000	2.287291e-011	1
	10.000000	-0.063209	231.250000	1.875435e-011	6	-0.063209	231.250000	1.875435e-011	1
	16.000000	-0.010113	37.000000	1.463579e-011	6	-0.010113	37.000000	1.463579e-011	1
14	19.000000	-4.293659	22806.896663	2.022220e-012	6	-4.293659	22806.896663	2.022220e-012	1
	190.000000	-12.260868	-45180.679890	1.908766e-012	5	-12.161066	-44812.915837	2.022220e-012	1
	361.000000	-6.189202	22806.896663	2.022220e-012	6	-6.189202	22806.896663	2.022220e-012	1
15	4.000000	-0.006967	37.000000	1.463579e-011	6	-0.006967	37.000000	1.463579e-011	1
	10.000000	-0.043546	231.250000	1.875435e-011	6	-0.043546	231.250000	1.875435e-011	1
	16.000000	-0.111479	592.000000	2.287291e-011	6	-0.111479	592.000000	2.287291e-011	1
16	4.000000	-0.476262	1755.000000	1.972678e-011	5	-0.446410	1645.000000	1.950682e-011	1
	12.500000	-0.187386	685.546875	2.119635e-011	5	-0.175641	642.578125	2.118068e-011	1
	21.000000	-0.019188	70.200000	1.361594e-011	5	-0.017986	65.800000	1.463579e-011	1
18	24.000000	-12.949470	47718.142127	1.616221e-012	5	-12.089382	44548.760404	1.327156e-012	1
	185.000000	-17.913099	-66010.245373	1.616221e-012	5	-16.838780	-62051.352096	1.327156e-012	1
	346.000000	-12.949470	47718.142127	1.616221e-012	5	-12.089382	44548.760404	1.327156e-012	1
20	4.000000	-0.019188	70.200000	1.361594e-011	5	-0.017986	65.800000	1.463579e-011	1
	12.500000	-0.187386	685.546875	2.119635e-011	5	-0.175641	642.578125	2.118068e-011	1
	21.000000	-0.476262	1755.000000	1.972678e-011	5	-0.446410	1645.000000	1.950682e-011	1
21	19.000000	-0.054119	197.991504	-6.580832e-025	5	-0.050726	185.581780	-6.435793e-025	1
	19.000000	-0.054119	197.991504	-6.580832e-025	5	-0.050726	185.581780	-6.435793e-025	1
	21.495098	-0.020604	75.380862	-7.148004e-025	5	-0.019313	70.656136	-7.002280e-025	1
22	24.000000	-38.484279	159676.320410	7.193439e-026	5	-34.509320	143183.114400	7.144003e-026	1
	140.022320	-12.610601	-46469.428311	5.214202e-027	5	-11.300093	-41640.271828	6.426577e-027	1
	261.044639	-4.271524	15740.350008	-6.173404e-026	5	-3.831383	14118.453222	-5.874816e-026	1
23	19.000000	-49.517905	182474.796577	-7.370870e-028	5	-44.389650	163577.041958	-5.574811e-028	1
	250.012500	-70.073292	-258221.944480	-5.047995e-027	5	-62.820772	-231496.215181	-4.341271e-027	1
	476.024999	-74.411188	308741.774784	-9.363218e-027	5	-66.713964	276804.986029	-8.125697e-027	1
24	4.000000	-0.020604	75.380862	-5.803484e-025	5	-0.019313	70.656136	-6.283671e-025	1
	6.495098	-0.054119	197.991504	-5.858381e-025	5	-0.050726	185.581780	-6.285725e-025	1
	6.495098	-0.054119	197.991504	-5.858381e-025	5	-0.050726	185.581780	-6.285725e-025	1
25	19.000000	-0.054119	197.991504	-6.580832e-025	5	-0.050726	185.581780	-6.435793e-025	1
	19.000000	-0.054119	197.991504	-6.580832e-025	5	-0.050726	185.581780	-6.435793e-025	1
	21.495098	-0.020604	75.380862	-7.148004e-025	5	-0.019313	70.656136	-7.002280e-025	1
26	24.000000	-38.484279	159676.320410	7.193439e-026	5	-34.509320	143183.114400	7.144003e-026	1
	140.022320	-12.610601	-46469.428311	5.214202e-027	5	-11.300093	-41640.271828	6.426577e-027	1
	261.044639	-4.271524	15740.350008	-6.173404e-026	5	-3.831383	14118.453222	-5.874816e-026	1
27	19.000000	-49.517905	182474.796577	-7.370870e-028	5	-44.389650	163577.041958	-5.574811e-028	1

	250.012500	-70.073292	-258221.944480	-5.047995e-027	5	-62.820772	-231496.215181	-4.341271e-027	1
	476.024999	-74.411188	308741.774784	-9.363218e-027	5	-66.713964	276804.986029	-8.125697e-027	1
28	4.000000	-0.020604	75.380862	-5.803484e-025	5	-0.019313	70.656136	-6.283671e-025	1
	6.495098	-0.054119	197.991504	-5.858381e-025	5	-0.050726	185.581780	-6.285725e-025	1
	6.495098	-0.054119	197.991504	-5.858381e-025	5	-0.050726	185.581780	-6.285725e-025	1
29	24.000000	-0.524070	-9188.061107	0.000000	5	-0.496953	-8712.633151	0.000000	1
	25.000000	-0.485003	-8503.136900	0.000000	5	-0.459896	-8062.953596	0.000000	1
	46.000000	-0.012916	-222.119761	0.000000	5	-0.012242	-210.515911	0.000000	1
31	24.000000	-0.552888	14654.970357	0.000000	5	-0.521148	13813.648540	0.000000	1
	185.000000	-4.761306	126252.546447	0.000000	5	-4.396130	116569.387250	0.000000	1
	346.000000	-0.552888	14654.970357	0.000000	5	-0.521148	13813.648540	0.000000	1
32	4.000000	-0.012916	-222.119761	0.000000	5	-0.012242	-210.515911	0.000000	1
	25.000000	-0.485003	-8503.136900	0.000000	5	-0.459896	-8062.953596	0.000000	1
	26.000000	-0.524070	-9188.061107	0.000000	5	-0.496953	-8712.633151	0.000000	1
33	19.000000	-0.626279	-10980.005975	0.000000	5	-0.585959	-10273.108199	0.000000	1
	22.500000	-0.471073	-8258.915959	0.000000	5	-0.440747	-7727.225153	0.000000	1
	41.000000	-0.015529	-267.052106	0.000000	5	-0.014530	-249.863533	0.000000	1
34	19.000000	-1.581867	-27733.490245	0.000000	5	-1.473586	-25835.084163	0.000000	1
	190.000000	-8.468263	224547.572578	0.000000	5	-7.924016	210116.131473	0.000000	1
	361.000000	-1.581867	-27733.490245	0.000000	5	-1.473586	-25835.084163	0.000000	1
35	4.000000	-0.015529	-267.052106	0.000000	5	-0.014530	-249.863533	0.000000	1
	22.500000	-0.471073	-8258.915959	0.000000	5	-0.440747	-7727.225153	0.000000	1
	26.000000	-0.626279	-10980.005975	0.000000	5	-0.585959	-10273.108199	0.000000	1
36	24.000000	-0.685807	-12023.646815	0.000000	5	-0.641308	-11243.493369	0.000000	1
	25.000000	-0.634638	-11126.542713	0.000000	5	-0.593448	-10404.395539	0.000000	1
	46.000000	-0.016876	-290.218368	0.000000	5	-0.015775	-271.273656	0.000000	1
38	24.000000	-0.449993	-7889.337833	0.000000	5	-0.391890	-6870.667325	0.000000	1
	185.000000	-6.688266	177348.530238	0.000000	5	-6.110884	162038.439095	0.000000	1
	346.000000	-0.449993	-7889.337833	0.000000	5	-0.391890	-6870.667325	0.000000	1
40	4.000000	-0.016876	-290.218368	0.000000	5	-0.015775	-271.273656	0.000000	1
	25.000000	-0.634638	-11126.542713	0.000000	5	-0.593448	-10404.395539	0.000000	1
	26.000000	-0.685807	-12023.646815	0.000000	5	-0.641308	-11243.493369	0.000000	1
41	19.000000	-0.692515	-12141.257931	0.000000	5	-0.659084	-11555.149369	0.000000	1
	25.124689	-0.448412	-7861.609753	0.000000	5	-0.426780	-7482.358216	0.000000	1
	46.249378	-0.011654	-200.417518	0.000000	5	-0.011093	-190.771945	0.000000	1
42	24.000000	-10.222625	-179261.364671	0.000000	5	-9.185747	-161078.938534	0.000000	1
	140.022320	-1.415668	37524.010839	0.000000	5	-1.308107	34672.953572	0.000000	1
	261.044639	-0.759118	20121.344816	0.000000	5	-0.635632	16848.193956	0.000000	1
43	19.000000	-2.280530	60448.216499	0.000000	5	-1.994108	52856.247724	0.000000	1
	250.012500	-7.869526	208671.240990	0.000000	5	-7.152617	189661.415977	0.000000	1
	476.024999	-6.017553	-105522.290206	0.000000	5	-5.429385	-95208.310878	0.000000	1
44	4.000000	-0.019025	-327.170051	0.000000	5	-0.017704	-304.449700	0.000000	1
	25.124689	-0.712135	-12485.240496	0.000000	5	-0.663249	-11628.156674	0.000000	1
	31.249378	-1.090838	-19124.709389	0.000000	5	-1.016218	-17816.456861	0.000000	1
45	19.000000	-0.692515	-12141.257931	0.000000	5	-0.659084	-11555.149369	0.000000	1
	25.124689	-0.448412	-7861.609753	0.000000	5	-0.426780	-7482.358216	0.000000	1
	46.249378	-0.011654	-200.417518	0.000000	5	-0.011093	-190.771945	0.000000	1
46	24.000000	-10.222625	-179261.364671	0.000000	5	-9.185747	-161078.938534	0.000000	1
	140.022320	-1.415668	37524.010839	0.000000	5	-1.308107	34672.953572	0.000000	1
	261.044639	-0.759118	20121.344816	0.000000	5	-0.635632	16848.193956	0.000000	1
47	19.000000	-2.280530	60448.216499	0.000000	5	-1.994108	52856.247724	0.000000	1
	250.012500	-7.869526	208671.240990	0.000000	5	-7.152617	189661.415977	0.000000	1
	476.024999	-6.017553	-105522.290206	0.000000	5	-5.429385	-95208.310878	0.000000	1
48	4.000000	-0.019025	-327.170051	0.000000	5	-0.017704	-304.449700	0.000000	1
	25.124689	-0.712135	-12485.240496	0.000000	5	-0.663249	-11628.156674	0.000000	1
	31.249378	-1.090838	-19124.709389	0.000000	5	-1.016218	-17816.456861	0.000000	1

Verifica stato limite di esercizio - tensioni massime nell'acciaio

Elemento	Ascissa (cm)	Tensione (kg/cm2)	Combinazione rara		Comb.	Combinazione quasi permanente		Comb.
			Mz (kgxcm)	My (kgxcm)		Mz (kgxcm)	My (kgxcm)	
3	41.576923	200.271292	69523.360528	-4205.598594	5	181.795538	62150.930899	-4650.084518
	210.000000	248.096232	-77872.663114	23874.322997	5	224.853384	-69855.673635	22447.964453
	404.000000	1283.100947	-247652.417225	56218.493928	5	1152.324148	-221908.953669	53661.154452
4	41.576923	200.271292	69523.360528	4205.598594	5	181.795538	62150.930899	4650.084518
	210.000000	248.096232	-77872.663114	-23874.322997	5	224.853384	-69855.673635	-22447.964453
	404.000000	1283.100947	-247652.417225	-56218.493928	5	1152.324148	-221908.953669	-53661.154452

5	41.576923	99.445842	-21806.773934	10375.964336	5	92.089861	-19445.022165	10166.111660	1
	210.000000	92.419804	9392.721636	-24761.707377	5	85.740785	8431.323860	-23327.377662	1
	404.000000	238.297755	45330.208655	-65235.426518	5	219.952195	40541.004003	-61907.226975	1
6	41.576923	99.445842	-21806.773934	-10375.964336	5	92.089861	-19445.022165	-10166.111660	1
	210.000000	92.419804	9392.721636	24761.707377	5	85.740785	8431.323860	23327.377662	1
	404.000000	238.297755	45330.208655	65235.426518	5	219.952195	40541.004003	61907.226975	1
7	41.576923	193.887386	-68942.941651	1170.873936	5	177.073403	-61733.662065	1755.761184	1
	210.000000	184.649277	47253.586421	-15485.063547	5	168.961582	42396.596444	-14976.349761	1
	404.000000	436.281433	181095.853512	-34670.390942	5	398.995850	162340.196335	-34249.418408	1
8	41.576923	193.887386	-68942.941651	-1170.873936	5	177.073403	-61733.662065	-1755.761184	1
	210.000000	184.649277	47253.586421	15485.063547	5	168.961582	42396.596444	14976.349761	1
	404.000000	436.281433	181095.853512	34670.390942	5	398.995850	162340.196335	34249.418408	1
9	4.000000	15.727427	1755.000000	1.972678e-011	5	14.741662	1645.000000	1.950682e-011	1
	12.500000	6.115853	685.546875	2.119635e-011	5	5.732523	642.578125	2.118068e-011	1
	21.000000	0.626263	70.200000	1.361594e-011	5	0.587010	65.800000	1.463579e-011	1
11	24.000000	252.839734	45986.720170	1.616221e-012	5	236.122938	42946.254184	1.327156e-012	1
	185.000000	607.072598	-67741.667330	1.616221e-012	5	570.439357	-63653.858316	1.327156e-012	1
	346.000000	412.109847	45986.720170	1.616221e-012	5	384.862720	42946.254184	1.327156e-012	1
12	4.000000	0.385430	70.200000	1.361594e-011	5	0.361272	65.800000	1.463579e-011	1
	12.500000	3.763969	685.546875	2.119635e-011	5	3.528051	642.578125	2.118068e-011	1
	21.000000	9.635762	1755.000000	1.972678e-011	5	9.031811	1645.000000	1.950682e-011	1
13	4.000000	5.281309	592.000000	2.287291e-011	6	5.281309	592.000000	2.287291e-011	1
	10.000000	2.063011	231.250000	1.875435e-011	6	2.063011	231.250000	1.875435e-011	1
	16.000000	0.330082	37.000000	1.463579e-011	6	0.330082	37.000000	1.463579e-011	1
14	19.000000	71.742803	22806.896663	2.022220e-012	6	71.742803	22806.896663	2.022220e-012	1
	190.000000	404.886519	-45180.679890	1.908766e-012	5	401.590803	-44812.915837	2.022220e-012	1
	361.000000	204.383932	22806.896663	2.022220e-012	6	204.383932	22806.896663	2.022220e-012	1
15	4.000000	0.116362	37.000000	1.463579e-011	6	0.116362	37.000000	1.463579e-011	1
	10.000000	0.727260	231.250000	1.875435e-011	6	0.727260	231.250000	1.875435e-011	1
	16.000000	1.861785	592.000000	2.287291e-011	6	1.861785	592.000000	2.287291e-011	1
16	4.000000	15.727427	1755.000000	1.972678e-011	5	14.741662	1645.000000	1.950682e-011	1
	12.500000	6.115853	685.546875	2.119635e-011	5	5.732523	642.578125	2.118068e-011	1
	21.000000	0.626263	70.200000	1.361594e-011	5	0.587010	65.800000	1.463579e-011	1
18	24.000000	427.625979	47718.142127	1.616221e-012	5	399.223575	44548.760404	1.327156e-012	1
	185.000000	591.556316	-66010.245373	1.616221e-012	5	556.078364	-62051.352096	1.327156e-012	1
	346.000000	427.625979	47718.142127	1.616221e-012	5	399.223575	44548.760404	1.327156e-012	1
20	4.000000	0.626263	70.200000	1.361594e-011	5	0.587010	65.800000	1.463579e-011	1
	12.500000	6.115853	685.546875	2.119635e-011	5	5.732523	642.578125	2.118068e-011	1
	21.000000	15.727427	1755.000000	1.972678e-011	5	14.741662	1645.000000	1.950682e-011	1
21	19.000000	1.766308	197.991504	-6.580832e-025	5	1.655599	185.581780	-6.435793e-025	1
	19.000000	1.766308	197.991504	-6.580832e-025	5	1.655599	185.581780	-6.435793e-025	1
	21.495098	0.672483	75.380862	-7.148004e-025	5	0.630333	70.656136	-7.002280e-025	1
22	24.000000	1054.949090	159676.320410	7.193439e-026	5	945.979712	143183.114400	7.144003e-026	1
	140.022320	416.435634	-46469.428311	5.214202e-027	5	373.159164	-41640.271828	6.426577e-027	1
	261.044639	141.057097	15740.350008	-6.173404e-026	5	126.522474	14118.453222	-5.874816e-026	1
23	19.000000	1635.263098	182474.796577	-7.370870e-028	5	1465.909295	163577.041958	-5.574811e-028	1
	250.012500	2314.077478	-258221.944480	-5.047995e-027	5	2074.572627	-231496.215181	-4.341271e-027	1
	476.024999	2039.794339	308741.774784	-9.363218e-027	5	1828.794448	276804.986029	-8.125697e-027	1
24	4.000000	0.672483	75.380862	-5.803484e-025	5	0.630333	70.656136	-6.283671e-025	1
	6.495098	1.766308	197.991504	-5.858381e-025	5	1.655599	185.581780	-6.285725e-025	1
	6.495098	1.766308	197.991504	-5.858381e-025	5	1.655599	185.581780	-6.285725e-025	1
25	19.000000	1.766308	197.991504	-6.580832e-025	5	1.655599	185.581780	-6.435793e-025	1
	19.000000	1.766308	197.991504	-6.580832e-025	5	1.655599	185.581780	-6.435793e-025	1
	21.495098	0.672483	75.380862	-7.148004e-025	5	0.630333	70.656136	-7.002280e-025	1
26	24.000000	1054.949090	159676.320410	7.193439e-026	5	945.979712	143183.114400	7.144003e-026	1
	140.022320	416.435634	-46469.428311	5.214202e-027	5	373.159164	-41640.271828	6.426577e-027	1
	261.044639	141.057097	15740.350008	-6.173404e-026	5	126.522474	14118.453222	-5.874816e-026	1
27	19.000000	1635.263098	182474.796577	-7.370870e-028	5	1465.909295	163577.041958	-5.574811e-028	1
	250.012500	2314.077478	-258221.944480	-5.047995e-027	5	2074.572627	-231496.215181	-4.341271e-027	1
	476.024999	2039.794339	308741.774784	-9.363218e-027	5	1828.794448	276804.986029	-8.125697e-027	1
28	4.000000	0.672483	75.380862	-5.803484e-025	5	0.630333	70.656136	-6.283671e-025	1
	6.495098	1.766308	197.991504	-5.858381e-025	5	1.655599	185.581780	-6.285725e-025	1
	6.495098	1.766308	197.991504	-5.858381e-025	5	1.655599	185.581780	-6.285725e-025	1
29	24.000000	14.119441	-9188.061107	0.000000	5	13.388843	-8712.633151	0.000000	1
	25.000000	13.066907	-8503.136900	0.000000	5	12.390470	-8062.953596	0.000000	1
	46.000000	0.334429	-222.119761	0.000000	5	0.316958	-210.515911	0.000000	1
31	24.000000	41.295905	14654.970357	0.000000	5	38.925164	13813.648540	0.000000	1

185.000000	355.793150	126252.546447	0.000000	5	328.504974	116569.387250	0.000000	1	
346.000000	41.295905	14654.970357	0.000000	5	38.925164	13813.648540	0.000000	1	
32	4.000000	0.334429	-222.119761	0.000000	5	0.316958	-210.515911	0.000000	1
25.000000	13.066907	-8503.136900	0.000000	5	12.390470	-8062.953596	0.000000	1	
26.000000	14.119441	-9188.061107	0.000000	5	13.388843	-8712.633151	0.000000	1	
33	19.000000	16.873152	-10980.005975	0.000000	5	15.786851	-10273.108199	0.000000	1
22.500000	12.691609	-8258.915959	0.000000	5	11.874551	-7727.225153	0.000000	1	
41.000000	0.402080	-267.052106	0.000000	5	0.376201	-249.863533	0.000000	1	
34	19.000000	42.618500	-27733.490245	0.000000	5	39.701189	-25835.084163	0.000000	1
190.000000	632.799024	224547.572578	0.000000	5	592.129683	210116.131473	0.000000	1	
361.000000	42.618500	-27733.490245	0.000000	5	39.701189	-25835.084163	0.000000	1	
35	4.000000	0.402080	-267.052106	0.000000	5	0.376201	-249.863533	0.000000	1
22.500000	12.691609	-8258.915959	0.000000	5	11.874551	-7727.225153	0.000000	1	
26.000000	16.873152	-10980.005975	0.000000	5	15.786851	-10273.108199	0.000000	1	
36	24.000000	18.476931	-12023.646815	0.000000	5	17.278057	-11243.493369	0.000000	1
25.000000	17.098337	-11126.542713	0.000000	5	15.988602	-10404.395539	0.000000	1	
46.000000	0.436960	-290.218368	0.000000	5	0.408436	-271.273656	0.000000	1	
38	24.000000	12.123672	-7889.337833	0.000000	5	10.558265	-6870.667325	0.000000	1
185.000000	499.787085	177348.530238	0.000000	5	456.641615	162038.439095	0.000000	1	
346.000000	12.123672	-7889.337833	0.000000	5	10.558265	-6870.667325	0.000000	1	
40	4.000000	0.436960	-290.218368	0.000000	5	0.408436	-271.273656	0.000000	1
25.000000	17.098337	-11126.542713	0.000000	5	15.988602	-10404.395539	0.000000	1	
26.000000	18.476931	-12023.646815	0.000000	5	17.278057	-11243.493369	0.000000	1	
41	19.000000	18.657666	-12141.257931	0.000000	5	17.756984	-11555.149369	0.000000	1
25.124689	12.081062	-7861.609753	0.000000	5	11.498260	-7482.358216	0.000000	1	
46.249378	0.301754	-200.417518	0.000000	5	0.287231	-190.771945	0.000000	1	
42	24.000000	275.507197	-179261.364671	0.000000	5	247.562585	-161078.938534	0.000000	1
140.022320	105.738050	37524.010839	0.000000	5	97.704121	34672.953572	0.000000	1	
261.044639	56.699476	20121.344816	0.000000	5	47.476139	16848.193956	0.000000	1	
43	19.000000	170.335643	60448.216499	0.000000	5	148.942409	52856.247724	0.000000	1
250.012500	588.057827	208671.240990	0.000000	5	534.486111	189661.415977	0.000000	1	
476.024999	162.177447	-105522.290206	0.000000	5	146.325868	-95208.310878	0.000000	1	
44	4.000000	0.492595	-327.170051	0.000000	5	0.458387	-304.449700	0.000000	1
25.124689	19.186270	-12485.240496	0.000000	5	17.869175	-11628.156674	0.000000	1	
31.249378	29.389248	-19124.709389	0.000000	5	27.378836	-17816.456861	0.000000	1	
45	19.000000	18.657666	-12141.257931	0.000000	5	17.756984	-11555.149369	0.000000	1
25.124689	12.081062	-7861.609753	0.000000	5	11.498260	-7482.358216	0.000000	1	
46.249378	0.301754	-200.417518	0.000000	5	0.287231	-190.771945	0.000000	1	
46	24.000000	275.507197	-179261.364671	0.000000	5	247.562585	-161078.938534	0.000000	1
140.022320	105.738050	37524.010839	0.000000	5	97.704121	34672.953572	0.000000	1	
261.044639	56.699476	20121.344816	0.000000	5	47.476139	16848.193956	0.000000	1	
47	19.000000	170.335643	60448.216499	0.000000	5	148.942409	52856.247724	0.000000	1
250.012500	588.057827	208671.240990	0.000000	5	534.486111	189661.415977	0.000000	1	
476.024999	162.177447	-105522.290206	0.000000	5	146.325868	-95208.310878	0.000000	1	
48	4.000000	0.492595	-327.170051	0.000000	5	0.458387	-304.449700	0.000000	1
25.124689	19.186270	-12485.240496	0.000000	5	17.869175	-11628.156674	0.000000	1	
31.249378	29.389248	-19124.709389	0.000000	5	27.378836	-17816.456861	0.000000	1	

Verifica stato limite di esercizio - deformabilità

Elem	Max. Defless. (cm)	Lunghezza (cm)	Ascissa (cm)	Rapporto Lx/	Tipo Comb.	Comb
3	0.114538	127.826087	420.000000	3666.900627	Rara	5
4	0.1145	127.8261	420.0000	3666.8252	Rara	5
5	0.0192	146.0870	420.0000	21877.4549	Rara	5
6	0.0192	146.0870	420.0000	21881.0538	Rara	5
7	0.0381	146.0870	420.0000	11029.0364	Rara	5
8	0.0381	146.0870	420.0000	11030.0848	Rara	5
9	0.0245	0.0000	25.0000	1019.6914	Rara	5
11	0.0582	176.9565	370.0000	6356.6987	Rara	5
12	0.0245	25.0000	25.0000	1019.6835	Rara	5
13	0.0313	0.0000	20.0000	638.1068	Rara	5
14	0.0319	363.4783	380.0000	11901.5420	Rara	5
15	0.0313	20.0000	20.0000	638.1043	Rara	5
16	0.0300	0.0000	25.0000	832.3527	Rara	5
18	0.0595	176.9565	370.0000	6222.2362	Rara	5
20	0.0300	25.0000	25.0000	832.3452	Rara	5
21	0.0210	0.0000	25.0000	1192.6378	Rara	5
22	0.0470	170.4348	280.0000	5961.4450	Rara	5
23	0.8259	239.1304	500.0000	605.3745	Rara	5
24	0.0262	25.0000	25.0000	953.4654	Rara	5

25	0.0210	0.0000	25.0000	1192.6378	Rara	5
26	0.0470	170.4348	280.0000	5961.4450	Rara	5
27	0.8259	239.1304	500.0000	605.3745	Rara	5
28	0.0262	25.0000	25.0000	953.4654	Rara	5
29	0.0179	50.0000	50.0000	2791.5119	Rara	5
31	0.0261	176.9565	370.0000	14189.3017	Rara	5
32	0.0179	0.0000	50.0000	2791.5119	Rara	5
33	0.0206	45.0000	45.0000	2183.1270	Rara	5
34	0.0410	181.7391	380.0000	9264.0485	Rara	5
35	0.0206	0.0000	45.0000	2183.1270	Rara	5
36	0.0220	50.0000	50.0000	2275.3539	Rara	5
38	0.0368	176.9565	370.0000	10066.5548	Rara	5
40	0.0220	0.0000	50.0000	2275.3539	Rara	5
41	0.0163	50.0000	50.0000	3058.8322	Rara	5
42	0.0243	182.6087	280.0000	11538.3372	Rara	5
43	0.0586	217.3913	500.0000	8533.0982	Rara	5
44	0.0239	0.0000	50.0000	2095.0456	Rara	5
45	0.0163	50.0000	50.0000	3058.8322	Rara	5
46	0.0243	182.6087	280.0000	11538.3372	Rara	5
47	0.0586	217.3913	500.0000	8533.0982	Rara	5
48	0.0239	0.0000	50.0000	2095.0456	Rara	5

Verifica taglio da azione sismica

Elem	Piano locale xy				Piano locale xz				F.Sic.
	Msx (kgxcm)	Mdx (kgxcm)	Tsx (kg)	Tdx (kg)	Msx (kgxcm)	Mdx (kgxcm)	Tsx (kg)	Tdx (kg)	
3	829931.6406	829931.6406	-4942.4352	-4942.4352	1163146.9727	1163146.9727	-6926.8097	-6926.8097	3.3314
4	829931.6406	829931.6406	-4942.4352	-4942.4352	1163146.9727	1163146.9727	-6926.8097	-6926.8097	3.3314
5	808178.7109	808178.7109	-4812.8914	-4812.8914	1126892.0898	1126892.0898	-6710.9034	-6710.9034	3.4386
6	808178.7109	808178.7109	-4812.8914	-4812.8914	1126892.0898	1126892.0898	-6710.9034	-6710.9034	3.4386
7	1199401.8555	1199401.8555	-7142.7159	-7142.7159	858935.5469	858935.5469	-5115.1602	-5115.1602	3.2753
8	1199401.8555	1199401.8555	-7142.7159	-7142.7159	858935.5469	858935.5469	-5115.1602	-5115.1602	3.2753
9	454089.3555	454089.3555	-36409.3984	36409.3984	1006042.4805	1006042.4805	-80483.3984	-80483.3984	1.7139
11	453485.1074	454089.3555	-4925.8321	4107.3506	1242454.5288	1006042.4805	-6813.6273	-6813.6273	4.0065
12	453485.1074	453485.1074	-47144.4512	47144.4512	1242454.5288	1242454.5288	-99396.3623	-99396.3623	1.5508
13	454089.3555	454089.3555	-45443.6230	45443.6230	1006042.4805	1006042.4805	-100604.2480	-100604.2480	1.5711
14	453182.9834	454089.3555	-5619.9568	-4001.2068	1592163.0859	1006042.4805	-7423.4445	-7423.4445	2.9722
15	453182.9834	453182.9834	-84174.5496	84174.5496	1592163.0859	1592163.0859	-159216.3086	-159216.3086	1.3082
16	454089.3555	454089.3555	-36409.3984	36409.3984	1006042.4805	1006042.4805	-80483.3984	-80483.3984	1.7139
18	454089.3555	454089.3555	-4109.1817	4109.1817	1006042.4805	1006042.4805	-6097.2272	-6097.2272	5.1954
20	454089.3555	454089.3555	-36388.8359	36388.8359	1006042.4805	1006042.4805	-80483.3984	-80483.3984	1.7139
21	454089.3555	454089.3555	-90861.1852	90861.1852	1006042.4805	1006042.4805	-201208.4961	-201208.4961	1.2856
22	453485.1074	454089.3555	-6446.0868	5827.0409	1157859.8022	1006042.4805	-8832.2542	-8832.2542	3.3071
23	454089.3555	453485.1074	-5980.0373	6306.2013	1006042.4805	1157859.8022	-4653.5533	-4653.5533	6.2767
24	454089.3555	454089.3555	-90860.2694	90860.2694	1006042.4805	1006042.4805	-201208.4961	-201208.4961	1.2856
25	454089.3555	454089.3555	-90861.1852	90861.1852	1006042.4805	1006042.4805	-201208.4961	-201208.4961	1.2856
26	453485.1074	454089.3555	-6446.0868	5827.0409	1157859.8022	1006042.4805	-8832.2542	-8832.2542	3.3071
27	454089.3555	453485.1074	-5980.0373	6306.2013	1006042.4805	1157859.8022	-4653.5533	-4653.5533	6.2767
28	454089.3555	454089.3555	-90860.2694	90860.2694	1006042.4805	1006042.4805	-201208.4961	-201208.4961	1.2856

Minimo fattore di sicurezza: 1.285564 >= 1.00

Per ogni elemento Elem e per ogni Piano locale xy e xz dell'elemento, vengono calcolati i momenti ultimi Msx e Mdx ai due estremi (sinistro sx e destro dx) tenendo conto per ogni combinazione di carico dell'azione assiale. Da questi vengono calcolati i tagli MASSIMI Tsx e Tdx derivanti dai due versi di sbandamento tenendo anche conto delle azioni dovute ai carichi gravitazionali. Qui vengono esposti i momenti ultimi MINIMI alle estremità per tutte le condizioni di carico e per i due versi di sbandamento. Vengono esposti anche i tagli MASSIMI alle estremità derivanti da questi meccanismi. Viene quindi esposto il fattore di sicurezza F.Sic MINIMO delle verifiche a taglio dalle azioni suddette.

Verifica contenimento del danno

Stato limite: Stato limite di danno			
Valore di riferimento:		0.005000	
Moltiplicatore degli spostamenti:		1.000000	
Quota (cm)	Interpiano (cm)	Spostamento (cm)	Spostamento relativo
432.50	420.000000	0.303118	0.000722

Massimo spostamento interpiano relativo (dr): 0.000722

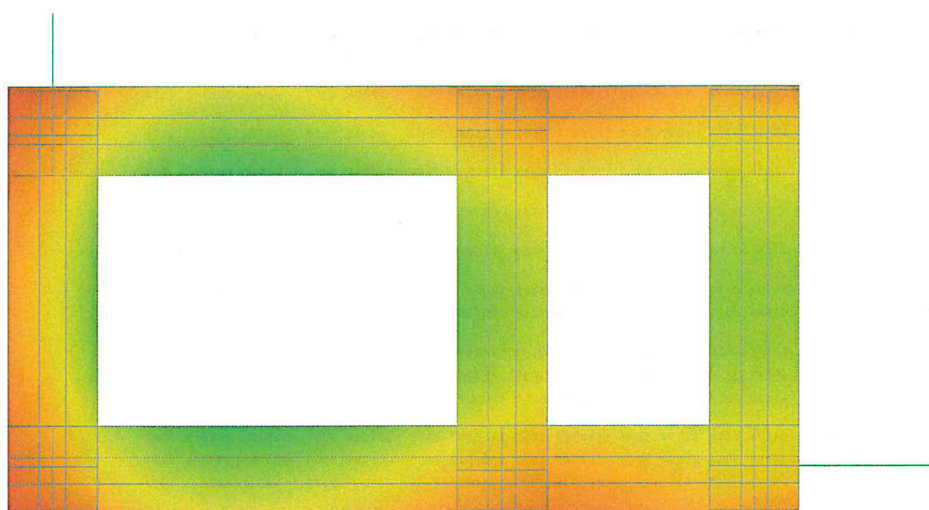
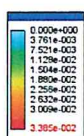
Verifica geotecnica scorrimento globale

Scorrimento agente (kg)	Scorrimento resistente (kg)	Coeff. sicurezza minimo	Coeff. sicurezza medio
7781.122729	39519.035208	3.344767	5.078835

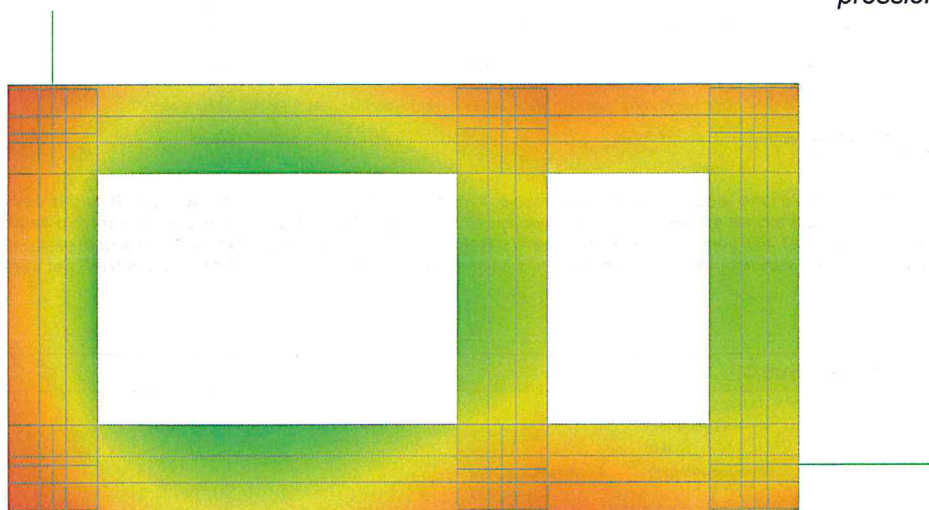
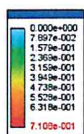
Verifica geotecnica travi fondazione

Elem.	Coeff. S.Fondo (kg/cm3)	Defl. max (cm)	Press. max (kg/cm2)	Portanza (kg/cm2)	Fatt. Sic.	Scorrimento (kg)	Scorr. Resist. (kg)	Fatt. Sic.	Comb.
29	21.000000	-0.026195	0.550094	1.736080	3.155968	1.000000e-006	594.095619	594095618.516237	11
31	21.000000	-0.021194	0.445074	1.872369	4.206869	1260.061355	4214.611642	3.344767	11
32	21.000000	-0.026195	0.550094	1.736080	3.155968	1.000000e-006	594.095619	594095618.516239	11
33	21.000000	-0.028443	0.597311	1.736080	2.906490	1.000000e-006	636.678343	636678343.334468	11
34	21.000000	-0.025010	0.525210	1.923062	3.661513	1112.076423	4484.024593	4.032119	11
35	21.000000	-0.028443	0.597311	1.736080	2.906490	1.000000e-006	636.678343	636678343.334464	11
36	21.000000	-0.026553	0.557607	1.736080	3.113449	1.000000e-006	683.753723	683753722.567718	11
38	21.000000	-0.020417	0.428764	1.907933	4.449845	1281.283574	4822.674121	3.763940	11
40	21.000000	-0.026553	0.557607	1.736080	3.113449	1.000000e-006	683.753723	683753722.567721	11
41	21.000000	-0.025804	0.541885	1.652397	3.049352	1.000000e-006	639.827962	639827962.317114	11
42	21.000000	-0.027930	0.586538	2.001612	3.412588	825.894748	3682.842634	4.459215	11
43	21.000000	-0.028928	0.607480	1.932414	3.181030	1237.955940	5991.159800	4.839558	11
44	21.000000	-0.033846	0.710761	1.652397	2.324827	1.000000e-006	770.504345	770504345.359480	11
45	21.000000	-0.020644	0.433525	1.652397	3.811539	1.000000e-006	639.827962	639827962.317113	11
46	21.000000	-0.020589	0.432372	2.001612	4.629373	825.894748	3682.842634	4.459215	11
47	21.000000	-0.022606	0.474717	1.932414	4.070663	1237.955940	5991.159800	4.839558	11
48	21.000000	-0.028741	0.603555	1.652397	2.737774	1.000000e-006	770.504345	770504345.359474	11

deflessione (spostamento verticale)



pressioni sul terreno



sfruttamento (rapporto pressione / portanza)

