SOCIETA' ITALIANA
TRAFORO AUTOSTRADALE DEL FREJUS
SITAF S.p.A Sede legale: fraz. San Giuliano, 2 - 10059 Susa (TO)

RILOCALIZZAZIONE DELL' AUTOPORTO DI SUSA

RELAZIONE DI CALCOLO PCC

MUSINET ENGINEERING S.p.A.
Cso Svizzera, 185
10149 TORINO
Tel. +39 011 5712411
Fax. +39 011 5712426
E-mail info@musinet.it
PEC musinet@legalmail.it

Gruppo SITAF

P.I.Iva 08015410015
Cap. Soc. E. 520.000 i.v.
Cod. fis.e Reg. Imprese
TO 08015410015
R.E.A. Torino 939200

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ADRESSE GED INDIRIZZO GED	C3A	//	//	70	10	55	50	01

ECHELLE / SCALA
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CUP	C11J05000030001

Indice

Descrizione dell'opera

I fabbricati oggetto di progettazione definitiva consistono in un fabbricato a servizio della stazione di servizio ad un piano fuori terra, un fabbricato destinato a PCC a due piani fuori terra e da una pensilina per la distribuzione del carburante.

I primi due fabbricati sono caratterizzati da una struttura portante costituita da telai in calcestruzzo armato realizzati con pilastri gettati in opera e travi tralicciate semi-prefabbricate tipo TLQ con fondello in calcestruzzo resistente al fuoco. I solai sono del tipo alveolare con getto di completamento superiore in opera da effettuare contestualmente al completamento delle travi tralicciate.

La struttura portante è caratterizzata dai seguenti parametri:

- Pilastri gettati in opera per la possibilità di adattarsi alle differenti forme e sezioni ipotizzate e per il fatto di avere altezze differenti dettate dalle quote di imposta della copertura inclinata;
- Travi semiprefabbricate con getti di completamento in opera per ottenere un prodotto autoportante in prima fase (posizionamento del solaio alveolare e getto di completamento) e performante per le luci in gioco con una notevole riduzione di sezione di calcestruzzo, veloce da trasportare e da montare;
- Solai di tipo alveolare autoportanti in lastre di larghezza 120cm con getto di completamento in opera per ottenere una riduzione dei tempi di realizzazione in virtù della facilità di trasporto e della drastica riduzione dei banchinaggi necessari.

La trave tralicciata tipo TLQ è costituita da un traliccio d'acciaio saldato, tridimensionale e autoportante, avente una lastra di calcestruzzo inglobante ferri tondi che funge da base d'appoggio per i solai, da cassero per il getto e da armatura tesa inferiore. Sulle testate sono previsti dei ferri fuoriuscenti dalla lastra ed un traverso terminale necessari sia per garantire un appoggio stabile in fase di montaggio, sia per costituire una valida armatura di ancoraggio dopo il getto.

La trave tralicciata , dopo il getto di cls, diventa una trave mista (composta in acciaio / calcestruzzo) amplificando così fortemente le capacità portanti del solo traliccio metallico.

Opportuni monconi, a cavallo dell'appoggio fra due travi contigue, permettono la continuità strutturale con evidenti vantaggi in termini di prestazioni e di economia. Le travi tralicciate sono inoltre producibili anche in conci da trasportare in cantiere e da assemblare prima o dopo la posa.

La lastre alveolari in cemento armato precompresso estruso impiegate per la realizzazione dei solai sono realizzate in stabilimento con getti di calcestruzzo su piste con fondo in acciaio di larghezza standard pari a 120 cm e di lunghezza variabile da mt 120 a mt 160,

tagliando successivamente le lastre in base alle esigenze specifiche. Le lastre alveolari sono armate con acciaio armonico in pretensione e dotate di fresature all'estradosso in corrispondenza degli appoggi per consentire la connessione con le strutture portanti.

La tecnologia realizzativa con estrusione prevede l'impiego di calcestruzzo con un un'elevata resistenza della lastra alveolare alla compressione ed alla trazione consentendone l'utilizzo anche in
presenza di grandi luci ed elevati sovraccarichi effettuando una posa in opera rapida e il getto della cappa collaborante in autoportanza, senza l'ausilio di impalcature di sostegno provvisorie.

La struttura portante della pensilina per la distribuzione del carburante è invece caratterizzata da telai costituiti da travi e pilastri in acciaio ed elementi secondari di copertura realizzati con capriate metalliche di notevole leggerezza per facilitarne il trasporto ed il montaggio. La copertura è realizzata con pannelli tipo sandwich.

Il presente documento tratta la progettazione della Struttura del fabbricato PCC.

L'analisi e le verifiche strutturali sono state condotte nel rispetto delle Norme Tecniche 2008 (DM 14 Gennaio 2008).

Normativa di riferimento

Le analisi strutturali e le verifiche di sicurezza sono state effettuate in accordo con le prescrizioni contenute nelle seguenti normative e istruzioni:

- ✓ D.M. 14/01/2008 "*Norme Tecniche Per Le Costruzioni*" (**NTC**);
- ✓ Istruzioni per l'applicazione delle "*Norme Tecniche per le Costruzioni*" di cui al D.M. 14/01/2008 (**CIRCOLARE**)

Caratteristiche dei materiali

Calcestruzzo per pali di fondazione C25/30

Resistenza caratteristica cubica	R_{ck}	30	[MPa]
Resistenza caratteristica cilindrica	f_{ck}	25	[MPa]
Coefficiente di sicurezza parziale per il calcestruzzo	γ_c	1.5	[-]
Coefficiente che tiene conto degli effetti di lungo termine	α_{cc}	0.85	[-]
Valore medio della resistenza a compressione cilindrica	f_{cm}	33.0	[MPa]
Valore medio della resistenza a trazione assiale del calcestruzzo	f_{ctm}	2.56	[MPa]
Valore caratteristico della resistenza a trazione assiale (frattile 5%)	$f_{ctk;0,05}$	1.79	[MPa]
Valore caratteristico della resistenza a trazione assiale (frattile 95%)	$f_{ctk;0,95}$	3.33	[MPa]
Modulo di elasticità secante del calcestruzzo	E_{cm}	32067	[MPa]
Deformazione di contrazione nel calcestruzzo alla tensione f_c	ε_{c1}	0.0020	[-]
Deformazione ultima di contrazione nel calcestruzzo	ε_{cu}	0.0035	[-]
Resistenza di progetto a compressione del calcestruzzo	$\mathbf{f_{cd}}$	**14.11**	[MPa]
Resistenza di progetto a trazione del calcestruzzo	$\mathbf{f_{ctd}}$	**1.19**	[MPa]
Tensione ammissibile nel calcestruzzo nella combinazione caratteristica	$\mathbf{\sigma_{c,caratt.}}$	**14.94**	[MPa]
Tensione ammissibile nel calcestruzzo nella combinazione quasi permanente	$\mathbf{\sigma_{c,q.p.}}$	**11.20**	[MPa]

Calcestruzzo per strutture gettate in opera C28/35

Da utilizzare per solette, pilastri, pareti, solai e tutti i restanti getti in opera.

Resistenza caratteristica cubica	R_{ck}	35	[MPa]
Resistenza caratteristica cilindrica	f_{ck}	29.05	[MPa]
Coefficiente di sicurezza parziale per il calcestruzzo	γ_c	1.5	[-]
Coefficiente che tiene conto degli effetti di lungo termine	α_{cc}	0.85	[-]
Valore medio della resistenza a compressione cilindrica	f_{cm}	37.05	[MPa]
Valore medio della resistenza a trazione assiale del calcestruzzo	f_{ctm}	2.8	[MPa]
Valore caratteristico della resistenza a trazione assiale (frattile 5%)	$f_{ctk;0,05}$	2.0	[MPa]
Valore caratteristico della resistenza a trazione assiale (frattile 95%)	$f_{ctk;0,95}$	3.7	[MPa]
Modulo di elasticità secante del calcestruzzo	E_{cm}	32588	[MPa]
Deformazione di contrazione nel calcestruzzo alla tensione f_c	ε_{c1}	0.0020	[-]
Deformazione ultima di contrazione nel calcestruzzo	ε_{cu}	0.0035	[-]
Resistenza di progetto a compressione del calcestruzzo	$\mathbf{f_{cd}}$	**16.46**	[MPa]
Resistenza di progetto a trazione del calcestruzzo	$\mathbf{f_{ctd}}$	**1.32**	[MPa]
Tensione ammissibile nel calcestruzzo nella combinazione caratteristica	$\mathbf{\sigma_{c,caratt.}}$	**17.43**	[MPa]
Tensione ammissibile nel calcestruzzo nella combinazione quasi permanente	$\mathbf{\sigma_{c,q.p.}}$	**13.0725**	[MPa]

Acciaio per armature B450C

Resistenza a snervamento dell'acciaio	f_{yk}	450	[MPa]
Coefficiente di sicurezza parziale per l'acciaio	γ_s	1,15	[-]
Modulo di elasticità secante dell'acciaio	E_s	200000	[MPa]
Deformazione a snervamento dell'acciaio	ε_{yd}	0,001957	[-]
Deformazione ultima dell'acciaio	ε_{su}	0,01	[-]
Resistenza di progetto a trazione dell'acciaio	**f_{yd}**	**391,3**	[MPa]
Tensione ammissibile nell'acciaio per le combinazioni a SLS	**σ_s**	**360**	[MPa]

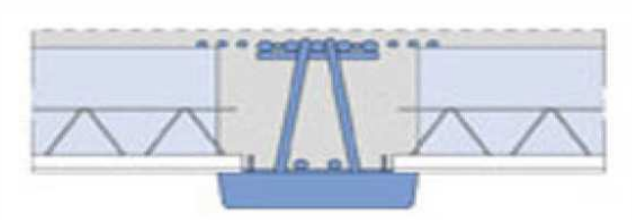
Calcestruzzo per solai tipo SPIROLL

Resistenza caratteristica cubica	R_{ck}	55	[MPa]
Resistenza caratteristica cilindrica	f_{ck}	45.65	[MPa]
Coefficiente di sicurezza parziale per il calcestruzzo	γ_c	1.5	[-]
Coefficiente che tiene conto degli effetti di lungo termine	α_{cc}	0.85	[-]

Travi prefabbricate tipo TLQ – Autoportanti

- Travi prefabbricate reticolari miste con fondello in calcestruzzo;
- Rete inferiore metallica elettrosaldata Ø5 / 20;
- Monconi di continuità;
- Armature aggiuntive per presidiare la duttilità del nodo;
- Fondello in c.a. con H = 10 cm;
- Attrezzature specifiche per la sicurezza;

- Calcestruzzo per fondello: Rck = 55 MPa
F 1. - Acciaio per piatto e/o traversi: S235
- Acciaio per anime: S355
- Acciaio per altri tondi saldati: S355
- Acciaio per monconi continuità: B450C
- Acciaio per angolari: S235
- Acciaio per rete inferiore: Rete els.



Terreni di Fondazione

Stratigrafia e parametri geotecnici

Si riportano le indicazioni derivate dal documento "PD2-C3A-MUS-1200-0-PA-NOT - Relazione geologica" sulla successione stratigrafica e sui parametri geotecnici individuati attraverso indagini geologiche.

E' stato possibile riconoscere quattro unità litostratigrafiche principali:

- unità geotecnica UG1: comprende l'orizzonte di potenza variabile di terreno di riporto di tipo prevalentemente ghiaioso-ciottoloso con subordinata sabbia limosa.
- unità geotecnica UG2: corrispondente ai depositi prevalentemente costituiti da sabbia e sabbia limosa con ghiaia e rari ciottoli presenti localmente nei primi metri al di sotto dei terreni dell'UG1; orizzonti sabbiosi discontinui di potenza ridotta sono rinvenibili a differenti profondità intervallati alle ghiaie dominanti.
- unità geotecnica UG3: è l'unità dominante e comprende i depositi più grossolani rappresentati da ghiaie con ciottoli in matrice sabbiosa o sabbioso-limosa caratterizzati da un grado di addensamento da medio ad alto.
- unità geotecnica UG4: è costituita da depositi più fini limoso-sabbiosi con subordinata ghiaia. Tali terreni formano livelli discontinui di potenza ridotta (mediamente metrica) intercalati all'interno dei litotipi dell'unità sopradescritta a partire da circa 15 m di profondità.

Di seguito si propone una tabella riassuntiva dei principali parametri geotecnici ricavati a partire dai risultati di tutte le indagini disponibili nell'area di studio, distinti per ciascuna unità geotecnica. Viene proposta per ciascun parametro una forchetta abbastanza ampia di valori, per tener conto della grande variabilità litologica del settore e del numero relativamente ridotto di dati, soprattutto per quanto riguarda le prove di laboratorio.

Rilocazione Autoporto-sito di San Didero: Sintesi dei principali parametri geotecnici delle Unità interessate dal progetto											
Unità geotecnica	Litotipo	Peso di volume naturale	Coesione	Angolo di attrito	Modulo di Young	Modulo pressiometrico	Pressione limite	Modulo di taglio v= E/2G - 1	Coefficiente di permeabilità	Coesione non drenata	Coeff. consolidazione primaria Cv
		KN/m^3	c' (KPa)	φ' (°)	E (Mpa)	Em (Mpa)	Pl (Mpa)	G (Mpa)	K (m/sec)	cu (KPa)	(cm2/sec)
UG1	Terreno vegetale e di riporto ghiaioso-sabbioso	**18-20**	**0**	**25-30**	**20-25**	**-**	**-**	**-**	**1E-03 - 1E-05**	**-**	**-**
UG2	Sabbia limosa con ghiaia	**19-21**	**0**	**30-35**	**15-20**	**-**	**-**	**35-45**	**1E-04 - 1E-06**	**-**	**-**
UG3	Ghiaia con ciottoli in matrice sabbioso-limosa	**21-22**	**0**	**35-40**	**50-100**	**25-60**	**3-6**	**50-70**	**1E-04 - 1E-05**	**-**	**-**
UG4	Limi sabbiosi con subordinata ghiaia	**19-21**	**0-5**	**25-30**	**30-60**	**15-30**	**2-4**	**20-40**	**1E-06 - 1E-08**	**60-70**	**5,78E-03**

Tab. 16 – Tabella riassuntiva dei principali parametri geotecnici per ciascuna delle unità geotecniche interessate dalle opere in progetto

Sulla base delle indagini geognostiche eseguite, è stato possibile effettuare uno studio di caratterizzazione geotecnica le cui risultanze sono sintetizzate nella Tabella riportata in precedenza; nei calcoli geotecnici riportati nella presente relazione, sono stati utilizzati i valori medi della forchetta indicata:

Unità geotecnica	Descrizione	z_{sup} (m)	z_{inf} (m)	H (m)	γ_n (kN/m^3)	c (kPa)	φ (°)	E_{Young} (MPa)
UG1	Terreno vegetale e di riporto ghiaioso-sabbioso	0	3	3	19	0	28	23
UG3	Ghiaia con ciottoli in matrice sabbiosa-limosa	3	15	12	21	0	37	75
UG4	Limi sabbiosi con subordinata ghiaia	15	16	1	20	5	28	45
UG3	Ghiaia con ciottoli in matrice sabbiosa-limosa	16	24	8	21	0	37	75
UG4	Limi sabbiosi con subordinata ghiaia	24	25	1	20	5	28	45
UG3	Ghiaia con ciottoli in matrice sabbiosa-limosa	>25	-	-	21	0	37	75

Tab. 19 – Stratigrafia e parametri geotecnici

Il livello della falda considerato nei calcoli è in corrispondenza del piano campagna

Classificazione sismica del terreno

Durante il mese di Luglio 2013 a supporto della progettazione definitiva del progetto di delocalizzazione dell'autoporto è stata effettuata anche una campagna di indagini di tipo geoelettrico e sismico in foro e superficie.

In materia di classificazione del rischio sismico, la normativa in vigore fa riferimento al Decreto 14/01/2008 del Ministero delle Infrastrutture (Norme Tecniche per le Costruzioni, GU n.29 del 04/02/2008). Le NTC definiscono la pericolosità sismica di un sito in termini della specifica accelerazione orizzontale massima su roccia (condizione per la quale ag coincide con PGA - Peak Ground Acceleration, accelerazione massima al suolo) e del corrispondente spettro elastico di risposta al sisma. Il metodo deriva direttamente dagli studi realizzati dall'INGV (Istituto Nazionale di Geofisica e Vulcanologia) commissionati dalla Protezione Civile che hanno discretizzato il territorio nazionale creando una griglia con passo pari a 5 km nelle due direzioni orizzontali. In corrispondenza dei nodi di questo reticolo si è attribuito, tramite analisi probabilistica, i valori utili di ag e dello spettro elastico. Tali valori sono direttamente forniti dalle NTC (nel suo Allegato B). Posizionando il sito di indagine sul reticolo è quindi possibile attribuire mediante interpolazione specifici

valori di ag che sono amplificati considerando la categoria di suolo, l'effetto topografico e gli effetti di bordo di valli alluvionali.

Le Norme Tecniche per le Costruzioni si rifanno a loro volta all'Eurocodice EN 1998-1 che distingue i terreni in 5 diverse classi (A, B, C, D, E, più due classi speciali S1 e S2) sulla base delle caratteristiche litologiche, del profilo stratigrafico e dei valori della velocità delle onde di taglio Vs30 (m/sec) registrati nei primi 30 m di profondità. In mancanza di disponibilità di quest'ultimo dato, l'Eurocodice consente l'utilizzo del valore medio di SPT che può essere anche correlato al valore della resistenza al taglio non drenata cu (kPa).
Dal momento che nel settore di studio sono disponibili indagini sismiche per la determinazione dei valori della Vs30, queste ultime sono state utilizzate per la definizione della classe sismica di suolo; in particolare tutte le indagini hanno fornito dei valori di Vs30 variabili tra un minimo di 470 ed un massimo di 509 m/sec, per un valore medio di 485 m/sec. Sulla base di questi risultati pertanto i terreni presenti nell'area di progetto ricadono nella **categoria di suolo di tipo B** ovvero "depositi di terreni a grana grossa molto addensati o terreni a grana fine molto consistenti".

Calcolo portanza pali carichi assiali

Secondo gli stati limiti ultimi, si richiede che:

$$\mathbf{Ed \leq Rd}$$

Essendo:

Ed il valore di progetto della sollecitazione;
Rd il valore di progetto della resistenza geotecnica.

Le singole condizioni di carico vengono combinate secondo quanto previsto dalla NTC 2008 e seguendo l'approccio 2:

Combinazione 1: (A1 + M1 + R3)

I carichi di progetto devono essere appropriatamente corretti attraverso i fattori parziali γE.

I valori assunti dal coefficiente γE per le ipotesi A1 si espongono al paragrafo 6.2.

Il valore dei parametri geotecnici di progetto si ricava dividendo la resistenza caratteristica Rk, per il coefficiente di sicurezza relativo γR:

$$R_d = \frac{R_k}{\gamma_R}$$

Il valore del coefficiente γR dipende dalla tipologia di palo e dai carichi applicati ed è dettagliato nella seguente tabella:

	base	Laterale in compressione	Laterale in trazione	Trasversali
R3	1.35	1.15	1.25	1.30

Il valore della resistenza caratteristica Rk si ottiene dalla seguente formulazione:

$$R_{c(t),k} = Min\left\{\frac{\left(R_{c(t),cal}\right)_{media}}{\xi_3}, \frac{\left(R_{c(t),cal}\right)_{\min}}{\xi_4}\right\}$$

$R_{c,cal}$ = Resistenza a compressione ottenuta a partire dai parametri geotecnici dipendendo dalla tipologia di materiale e dalla stratigrafia (definita attraverso parametri geotecnici medi);

ξ_3, ξ_4 = Coefficienti correttivi che dipendono dal numero di prove effettuate (2).

Si possono assumere i seguenti valori ξ : (tre verticali indagate)

ξ_3 = 1.60

ξ_4 = 1.48

La verifica della resistenza ultima a compressione viene ricavata considerando il valore dei parametri geotecnici. Questi vengono corretti con un coefficiente M1 pari ad 1:

Il valore della capacità portante totale del singolo palo Rc, consiste nella resistenza alla punta e laterale.

$$\mathbf{R_c = Q_{p\ ult} + Q_{s\ ult}}$$

Essendo:

$Q_{p\ ult}$ = (Capacità portante di punta).

$Q_{s\ ult}$ = (Capacità portante laterale).

PALO TIPO A - TECNOLOGIA TRELICON

Calcolo del carico limite per un palo trivellato in cls

input di calcolo
output di calcolo
default
risultati

parametri geometrici del palo					
profondità testa palo (m)	t.p	0	diametro (m)	d.p	0,60
profondità punta palo (m)	S_t	12	perimetro (m)	p.p	1,88
lunghezza utile palo (m)	L_u	12	area (m^2)	a.p	0,28
profondità falda (m)	$H._f$	0		L_u/d.p.	20,00
			peso (t)	W'	2,04

convenzione	
condizioni drenate	1
condizioni non drenate	0
unità di misura [t,m]	

Strato 1	
$H._0$	0
$H._1$	3
$S._1$	3
$L_{u.1}$	3
parametri terreno	
condizioni	1
$\gamma_{.1}$	1,9
$\varphi_{.1}$	28
$c._1$	0,0
$K._1$	0,5
$c_{u.1}$	0,0
$q_{a.1}$	0,0
$q_{a.1max}$	0,0
resistenza laterale	
p*k*tan$\varphi_{.1}$	0,50
$\Sigma\gamma_i z_i$	4,05
$Q_{s.1}$	2,03

Strato 2	
$H._1$	3
$H._2$	15
$S._2$	12
$L_{u.2}$	9
parametri terreno	
condizioni	1
$\gamma_{.2}$	2,1
$\varphi_{.2}$	37
$c._2$	0,0
$K._2$	0,7
$c_{u.2}$	0,0
$q_{a.2}$	0,0
$q_{a.2max}$	0,0
resistenza laterale	
p*k*tan$\varphi_{.2}$	0,99
$\Sigma\gamma_i z_i$	68,85
$Q_{s.2}$	68,46

Strato 3	
$H._2$	15
$H._3$	infinito
$S._3$	infinito
$L_{u.3}$	0
parametri terreno	
condizioni	1
$\gamma_{.3}$	2,0
$\varphi_{.3}$	28
$c._3$	5,0
$K._3$	0,7
$c_{u.3}$	0,0
$q_{a.3}$	0,0
$q_{a.3max}$	0,0
resistenza laterale	
p*k*tanφ_3	0,74
$\Sigma\gamma_i z_i$	0,00
$Q_{s.3}$	0,00

Parametri di output	
σ_v efficace	12,60
σ_v totale	24,60
Berezantzev	
L/D=L_u/d.p.	20,70
L/D=4	23,19
L/D=32	18,84
fattori adimensionali	
N_q	20,7
N_c	26,1
$N_{c.u}$	0,0
resistenza alla punta	
Qp_d	73,76
Qp_u	0,00
Q_p	73,76

Resistenza laterale
$Q_{s.t} = \Sigma Q_{s.i}$
70,49 t

Resistenza alla punta
Q_p
73,76 t

Carico limite
$Q_{lim} = Q_{s.t} + Q_p$
144,25 t

Carico ammissibile
$Q_{amm} = Q_{lim} / 2.5$
57,70 t

$R_{SLU\ Comp} = Q_P / 1,35 / \xi_3 + Q_s / 1,15 / \xi_3 = 72$ t

$R_{SLU\ Traz} = Q_s / 1,25 / \xi_3 = 35$ t

PALO TIPO D - TECNOLOGIA TRELICON

Calcolo del carico limite per un palo trivellato in cls

input di calcolo
output di calcolo
default
risultati

parametri geometrici del palo					
profondità testa palo (m)	t.p	0	diametro (m)	d.p	0,80
profondità punta palo (m)	S_t	12	perimetro (m)	p.p	2,51
lunghezza utile palo (m)	L_u	12	area (m^2)	a.p	0,50
profondità falda (m)	$H._f$	0		L_u/d.p.	15,00
			peso (t)	W'	3,62

convenzione	
condizioni drenate	1
condizioni non drenate	0
unità di misura [t,m]	

Strato 1	
$H._0$	0
$H._1$	3
$S._1$	3
$L_{u.1}$	3
parametri terreno	
condizioni	1
$\gamma_{.1}$	1,9
$\varphi_{.1}$	28
$c._1$	0,0
$K._1$	0,5
$c_{u.1}$	0,0
$q_{a.1}$	0,0
$q_{a.1max}$	0,0
resistenza laterale	
$p*k*\tan\varphi_{.1}$	0,72
$\Sigma\gamma_i z_i$	4,05
$Q_{s.1}$	2,92

Strato 2	
$H._1$	3
$H._2$	15
$S._2$	12
$L_{u.2}$	9
parametri terreno	
condizioni	1
$\gamma_{.2}$	2,1
$\varphi_{.2}$	37
$c._2$	0,0
$K._2$	0,7
$c_{u.2}$	0,0
$q_{a.2}$	0,0
$q_{a.2max}$	0,0
resistenza laterale	
$p*k*\tan\varphi_{.2}$	1,40
$\Sigma\gamma_i z_i$	68,85
$Q_{s.2}$	96,49

Strato 3	
$H._2$	15
$H._3$	infinito
$S._3$	infinito
$L_{u.3}$	0
parametri terreno	
condizioni	1
$\gamma_{.3}$	2,0
$\varphi_{.3}$	28
$c._3$	5,0
$K._3$	0,7
$c_{u.3}$	0,0
$q_{a.3}$	0,0
$q_{a.3max}$	0,0
resistenza laterale	
$p*k*\tan\varphi_3$	0,99
$\Sigma\gamma_i z_i$	0,00
$Q_{s.3}$	0,00

Parametri di output	
σ_v efficace	12,60
σ_v totale	24,60
Berezantzev	
$L/D=L_u/d.p.$	21,48
L/D=4	23,19
L/D=32	18,84
fattori adimensionali	
N_q	21,5
N_c	27,2
$N_{c.u}$	0,0
resistenza alla punta	
Qp_d	136,59
Qp_u	0,00
Q_p	136,59

Resistenza laterale	Resistenza alla punta	Carico limite	Carico ammissibile
$Q_{s.t} = \Sigma Q_{s.i}$	Q_p	$Q_{lim} = Q_{s.t} + Q_p$	$Q_{amm} = Q_{lim} / 2.5$
99,41 t	136,59 t	236,00 t	94,40 t

$R_{SLU\ Comp} = Q_P / 1,35 / \xi_3 + Q_s / 1,15 / \xi_3 = 123$ t

$R_{SLU\ Traz} = Q_s / 1,25 / \xi_3 = 50$ t

PALO TIPO C - TECNOLOGIA TRELICON

Calcolo del carico limite per un palo trivellato in cls

input di calcolo
output di calcolo
default
risultati

parametri geometrici del palo					
profondità testa palo (m)	t.p	0	diametro (m)	d.p	1,00
profondità punta palo (m)	S_t	12	perimetro (m)	p.p	3,14
lunghezza utile palo (m)	L_u	12	area (m^2)	a.p	0,79
profondità falda (m)	$H._f$	0		L_u/d.p.	12,00
			peso (t)	W'	5,65

convenzione	
condizioni drenate	1
condizioni non drenate	0
unità di misura [t,m]	

Strato 1	
$H._0$	0
$H._1$	3
$S._1$	3
$L_{u.1}$	3
parametri terreno	
condizioni	1
$\gamma_{.1}$	1,9
$\varphi_{.1}$	28
$c._1$	0,0
$K._1$	0,5
$c_{u.1}$	0,0
$q_{a.1}$	0,0
$q_{a.1max}$	0,0
resistenza laterale	
$p*k*\tan\varphi_{.1}$	0,84
$\Sigma\gamma_i z_i$	4,05
$Q_{s.1}$	3,38

Strato 2	
$H._1$	3
$H._2$	15
$S._2$	12
$L_{u.2}$	9
parametri terreno	
condizioni	1
$\gamma_{.2}$	2,1
$\varphi_{.2}$	37
$c._2$	0,0
$K._2$	0,7
$c_{u.2}$	0,0
$q_{a.2}$	0,0
$q_{a.2max}$	0,0
resistenza laterale	
$p*k*\tan\varphi_{.2}$	1,66
$\Sigma\gamma_i z_i$	68,85
$Q_{s.2}$	114,09

Strato 3	
$H._2$	15
$H._3$	infinito
$S._3$	infinito
$L_{u.3}$	0
parametri terreno	
condizioni	1
$\gamma_{.3}$	2,0
$\varphi_{.3}$	28
$c._3$	5,0
$K._3$	0,7
$c_{u.3}$	0,0
$q_{a.3}$	0,0
$q_{a.3max}$	0,0
resistenza laterale	
$p*k*\tan\varphi_3$	1,24
$\Sigma\gamma_i z_i$	0,00
$Q_{s.3}$	0,00

Parametri di output	
σ_v efficace	12,60
σ_v totale	24,60
Berezantzev	
$L/D=L_u/d.p.$	21,95
L/D=4	23,19
L/D=32	18,84
fattori adimensionali	
N_q	21,9
N_c	27,8
$N_{c.u}$	0,0
resistenza alla punta	
Qp_d	217,17
Qp_u	0,00
Q_p	217,17

Resistenza laterale	Resistenza alla punta	Carico limite	Carico ammissibile
$Q_{s.t} = \Sigma Q_{s.i}$	Q_p	$Q_{lim} = Q_{s.t} + Q_p$	$Q_{amm} = Q_{lim} / 2.5$
117,48 t	217,17 t	334,65 t	133,86 t

$R_{SLU\ Comp} = Q_P / 1,35 / \xi_3 + Q_s / 1,15 / \xi_3 = 164$ t

$R_{SLU\ Traz} = Q_s / 1,25 / \xi_3 = 58$ t

PALO TIPO D - TECNOLOGIA TRELICON

Calcolo del carico limite per un palo trivellato in cls

input di calcolo
output di calcolo
default
risultati

parametri geometrici del palo					
profondità testa palo (m)	t.p	0	diametro (m)	d.p	1,20
profondità punta palo (m)	S_t	12	perimetro (m)	p.p	3,77
lunghezza utile palo (m)	L_u	12	area (m^2)	a.p	1,13
profondità falda (m)	$H._f$	0		L_u/d.p.	10,00
			peso (t)	W'	8,14

convenzione	
condizioni drenate	1
condizioni non drenate	0
unità di misura [t,m]	

Strato 1	
$H._0$	0
$H._1$	3
$S._1$	3
$L_{u.1}$	3
parametri terreno	
condizioni	1
$\gamma_{.1}$	1,9
$\varphi_{.1}$	28
$c._1$	0,0
$K._1$	0,5
$c_{u.1}$	0,0
$q_{a.1}$	0,0
$q_{a.1max}$	0,0
resistenza laterale	
$p*k*\tan\varphi_{.1}$	1,00
$\Sigma\gamma_i z_i$	4,05
$Q_{s.1}$	4,06

Strato 2	
$H._1$	3
$H._2$	15
$S._2$	12
$L_{u.2}$	9
parametri terreno	
condizioni	1
$\gamma_{.2}$	2,1
$\varphi_{.2}$	37
$c._2$	0,0
$K._2$	0,7
$c_{u.2}$	0,0
$q_{a.2}$	0,0
$q_{a.2max}$	0,0
resistenza laterale	
$p*k*\tan\varphi_{.2}$	1,99
$\Sigma\gamma_i z_i$	68,85
$Q_{s.2}$	136,91

Strato 3	
$H._2$	15
$H._3$	infinito
$S._3$	infinito
$L_{u.3}$	0
parametri terreno	
condizioni	1
$\gamma_{.3}$	2,0
$\varphi_{.3}$	28
$c._3$	5,0
$K._3$	0,7
$c_{u.3}$	0,0
$q_{a.3}$	0,0
$q_{a.3max}$	0,0
resistenza laterale	
$p*k*\tan\varphi_3$	1,48
$\Sigma\gamma_i z_i$	0,00
$Q_{s.3}$	0,00

Parametri di output	
σ_v efficace	12,60
σ_v totale	24,60
Berezantzev	
$L/D=L_u/d.p.$	22,26
L/D=4	23,19
L/D=32	18,84
fattori adimensionali	
N_q	22,3
N_c	28,2
$N_{c.u}$	0,0
resistenza alla punta	
Qp_d	317,15
Qp_u	0,00
Q_p	317,15

Resistenza laterale	Resistenza alla punta	Carico limite	Carico ammissibile
$Q_{s.t} = \Sigma Q_{s.i}$	Q_p	$Q_{lim} = Q_{s.t} + Q_p$	$Q_{amm} = Q_{lim} / 2.5$
140,97 t	317,15 t	458,12 t	183,25 t

$R_{SLU\ Comp} = Q_P / 1,35 / \xi_3 + Q_s / 1,15 / \xi_3 = 223$ t

$R_{SLU\ Traz} = Q_s / 1,25 / \xi_3 = 70$ t

Analisi dei carichi

Si riporta nel seguito una descrizione dei carichi considerati per il dimensionamento delle strutture in oggetto.

Carichi relativi al PCC

Pesi propri strutturali (g1)

Il peso proprio degli elementi strutturali è computato considerando un peso specifico pari a γ_{cls}=25.0 KN/m^3 per il calcestruzzo, e pari a γ_{acc}=78.5 KN/m^3 per l'acciaio.

Permanenti

Carichi permanenti Primo livello - Quota 3.85/ var.

Peso Proprio Solaio tipo Spiroll H=45=40+5 (g1): 585 daN/m^2
Permanenti zone uffici (g2): 300 daN/m^2
Permanenti zone di copertura (g2): 250 daN/m^2

Carichi permanenti Primo livello - Quota 3.50

Peso Proprio e Permanenti zona copertura vetrata (g2): 60 daN/m^2

Carichi permanenti Copertura – Quota Variabile

Peso Proprio Solaio tipo Spiroll H=45=40+5 (g1): 585 daN/m^2
Permanenti zone di copertura (g2): 250 daN/m^2

Carichi Variabili

Carichi variabili Primo livello - Quota 3.85 / var.

Carichi variabili in copertura: 150 daN/m^2
Carichi variabili zona uffici: 300 daN/m^2

Carichi variabili Primo livello - Quota 3.50

Carichi variabili in copertura: 150 daN/m^2

Carichi variabili Copertura – Quota Variabile

Carichi variabili in copertura: 150 daN/m^2

Azioni termiche

Si trascurano le azioni dovute alle azioni termiche poiché non dimensionanti ai fini del calcolo.

Azione del vento

Pressione del Vento

La pressione del vento è data dall'espressione;

$$p = q_b \times c_e \times c_d \times c_p$$

dove:

- q_{ref} è la pressione cinetica di riferimento ;
- c_e è il coefficiente di esposizione;
- c_p è il coefficiente di forma (o coefficiente aerodinamico), funzione della tipologia e della geometria della costruzione e del suo orientamento rispetto alla direzione del vento.
- cd è il coefficiente dinamico con cui si tiene conto degli effetti riduttivi associati alla non contemporaneità delle massime pressioni locali e degli effetti amplificativi dovuti alle vibrazioni strutturali. Il valore è stato assunto pari ad 1.0.

La pressione cinetica di riferimento q_{ref} (in N/m^2) è data dall'espressione:

$$q_{ref} = \frac{v_{ref}^2}{1.6}$$

nella quale v_{ref} è la velocità di riferimento del vento (in m/sec) = 25 m/sec (zona 1 – Piemonte)

Nel nostro caso:

$$q_{ref.} = 25^2/1.6 = 390 \text{ N/m}^2 = 39 \text{ daN/m}^2$$

La pressione massima unitaria del vento è determinata, a favore di sicurezza, considerando una altezza media pari a : $H_{max.} \approx 6$ m

Considerando rispettivamente:

-Classe di rugosità D e pertanto una Categoria di esposizione del sito II:

kr=0.19,

z_0=0.05m,

z_{min}=4.00m,

$$c_e(z) = kr^2 c_t \ln(z/z_0)\left[7 + c_t \ln(z/z_0)\right] = 0.19^2 \times \ln(6/0.05)[7 + \ln(6/0.05)] = 2.04$$

Quindi la pressione del vento, a meno del coefficiente di forma c_p, vale:

$p = q_b \times c_e \times c_d = 39\ daN/m^2 \times 2.04 \times 1 = 80\ daN/m^2$

Coefficiente di forma

Per la valutazione del coefficiente di forma si considera l'ipotesi di costruzione stagna:

Pressione esterna:

Coefficiente di forma per elementi sopravento con inclinazione sull'orizzontale > 60°:

$c_{pe} = +0.8$

Coefficiente di forma per elementi sottovento:

$c_{pe} = -0.4$

L'azione del vento risulta non dimensionante ai fini del calcolo delle strutture rispetto all'azione sismica.

Azione della neve

Il carico neve è determinato secondo quanto previsto nel paragrafo 3.4 delle NTC08.

Il carico neve sulle copertura viene valutato come

$q_{neve} = q_{sk} \times \mu \times C_E = 150 \times 0.8 \times 1 = 120\ daN/m^2$

dove:

q_{sk} = 150 daN/m² (Zona I - Alpina)

μ = 0.8 coefficiente di forma

C_E = 1.0 coefficiente di esposizione

Azioni sismiche

Le azioni sismiche sono state definite considerando i seguenti parametri:

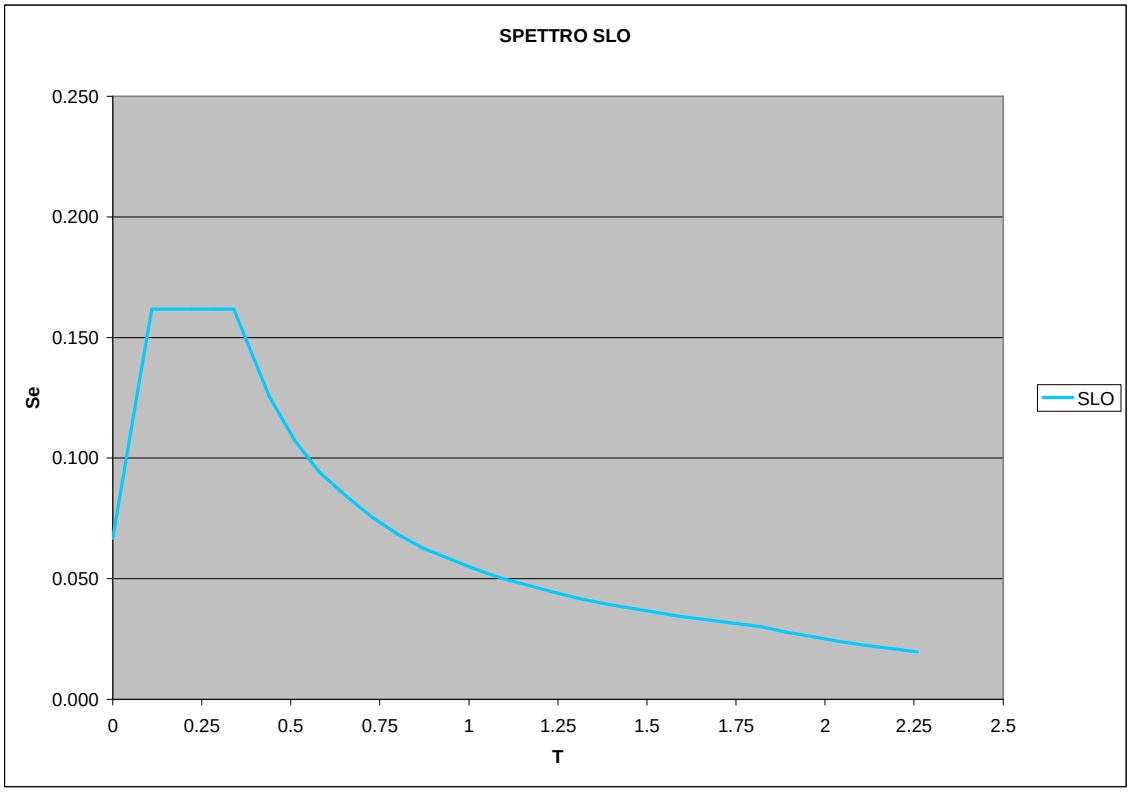
- TIPO DI COSTRUZIONE: 2 (Opere Ordinarie) , Vita Nominale V_N > 50 anni;
- CLASSE D'USO: **IV**;
- PERIODO DI RIFERIMENTO: $V_R = V_N * C_U = 50x2.0 = 100$ anni;
- Coordinate Località di Riferimento: Latitudine 45.1264°; Longitudine 7.2092;
- Categoria del suolo: B;
- Categoria Topografica: T1;
- Stati Limite considerati e Probabilità di Superamento P_{vr} :

1) Stato limite di Operatività (SLO): P_{vr} = 81%;
2) Stato Limite di Esercizio SLD: P_{vr} = 63%;
3) Stato Limite di Savaguardia della vita SLV: P_{vr} = 10%;

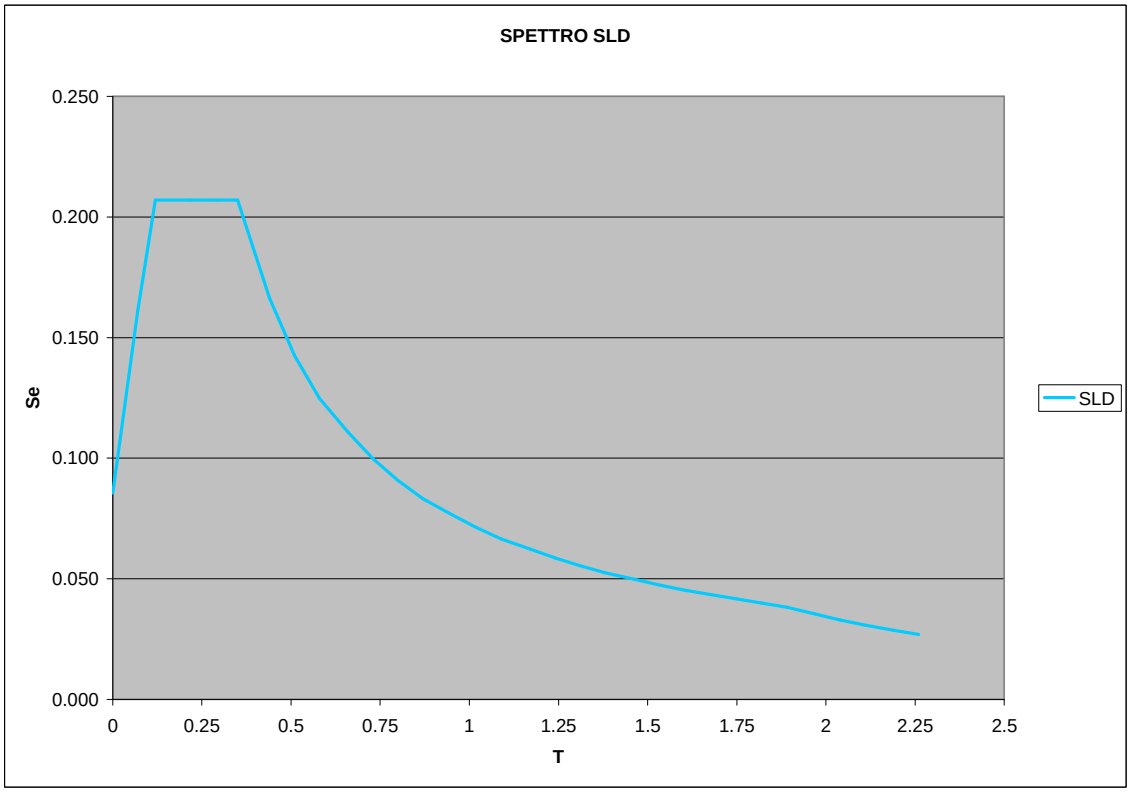
- Fattore di struttura: q = 2.52 (struttura a telaio ad un piano non regolare in pianta e non regolare in altezza).

Spettri NTC

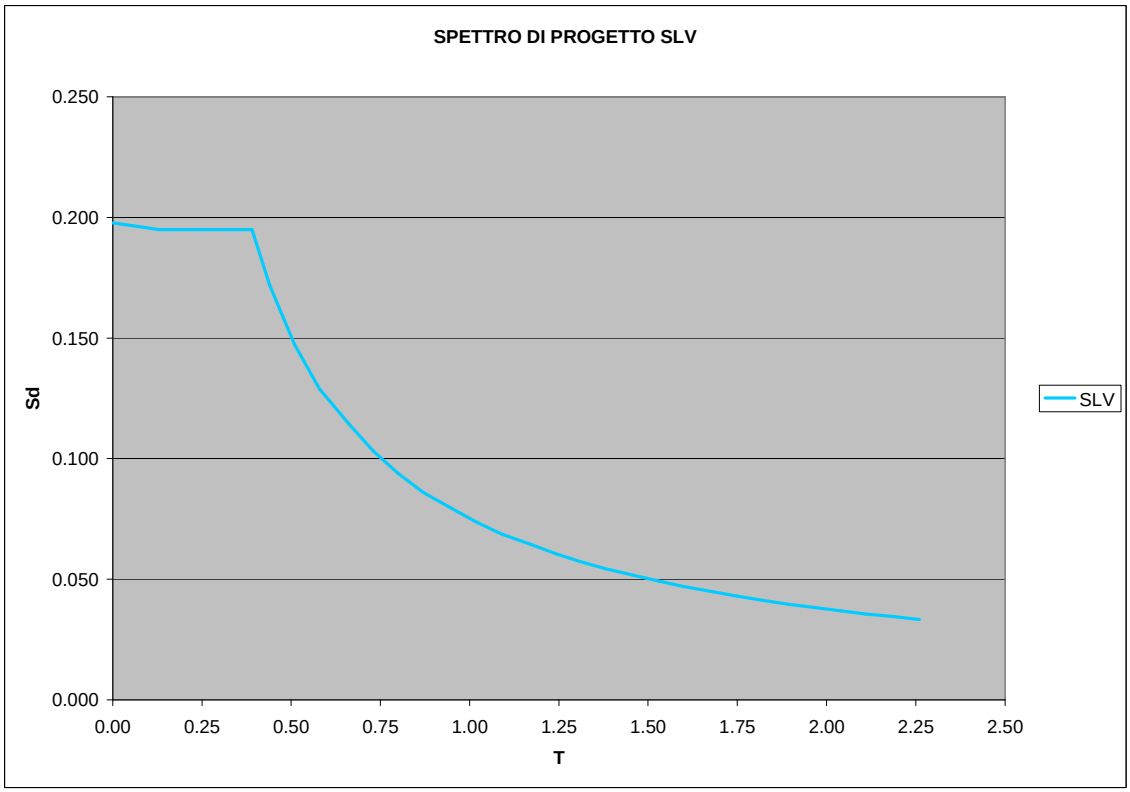
Spettro di risposta elastico in accelerazione delle componenti orizzontali SLO



Spettro di risposta elastico in accelerazione delle componenti orizzontali SLD



Spettro di risposta di progetto in accelerazione delle componenti orizzontali SLV



Fabbricato PCC

Metodo di analisi

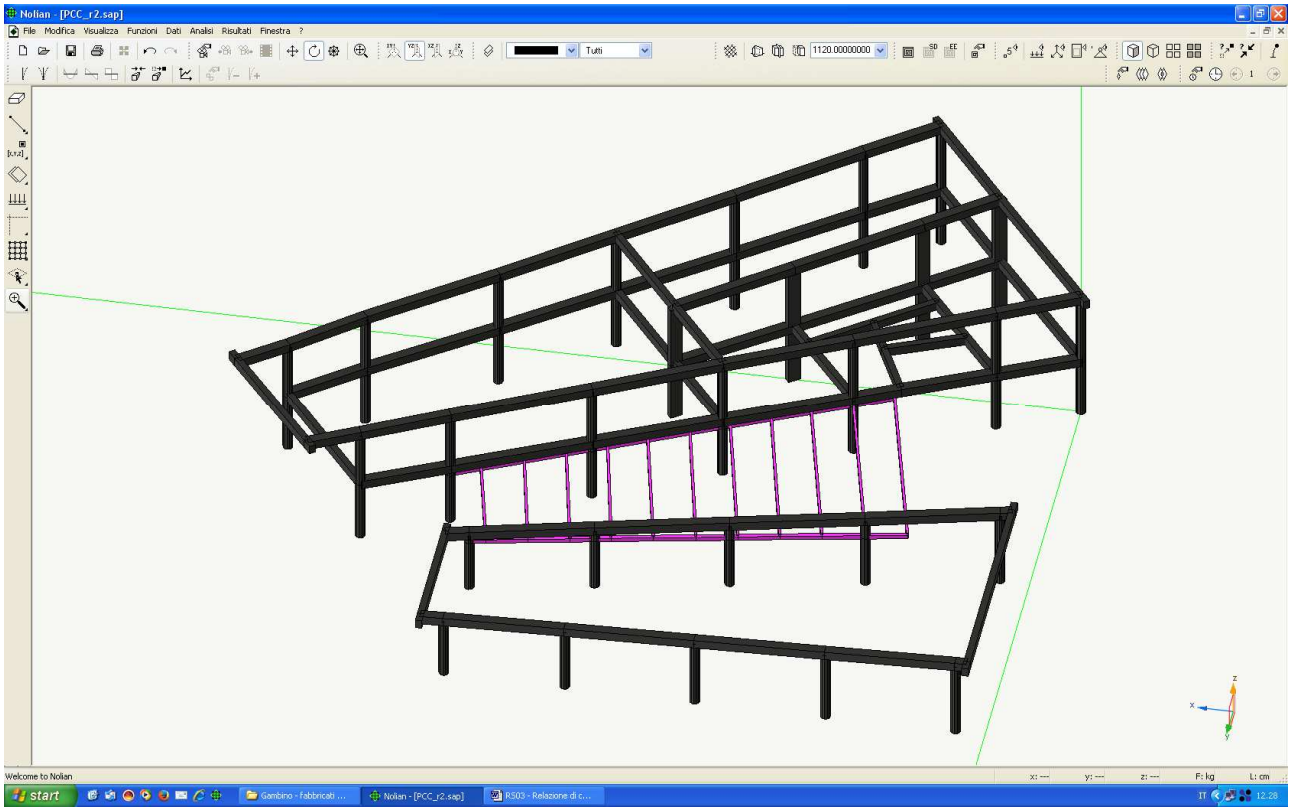
L'analisi delle strutture è stata svolta attraverso l'analisi dinamica lineare.
Per il calcolo delle sollecitazioni massime agenti sulla struttura sono state prese in considerazione diverse distribuzioni dei carichi così come indicato nei paragrafi precedenti della presente relazione.

Come già indicato in precedenza, si sono adottati i seguenti parametri per l'analisi sismica:

- TIPO DI COSTRUZIONE: 2 (Opere Ordinarie) , Vita Nominale V_N > 50 anni;
- CLASSE D'USO: **IV**;
- PERIODO DI RIFERIMENTO: $V_R = V_N * C_U = 50x2.0 = 100$ anni;
- Coordinate Località di Riferimento: Latitudine 45.1264°; Longitudine 7.2092;
- Categoria del suolo: B;
- Categoria Topografica: T1;
- Fattore di struttura: q = 2.52 (struttura a telaio ad un piano non regolare in pianta e non regolare in altezza).

Modellazione

Per l'analisi delle strutture del fabbricato PCC è stato utilizzato un modello di calcolo rappresentato nella seguente figura.



Nel calcolo delle strutture (determinazione delle deformate e dei parametri di sollecitazione) si utilizza il metodo di calcolo degli elementi finiti (elementi di tipo beam per travi e pilastri), applicato su modelli strutturali a comportamento elastico-lineare.
Il codice di calcolo utilizzato è il programma di calcolo automatico "NOLIAN" della società SOFTING, versione "NOLIAN EWS 37" licenza n°534.
Gli spostamenti nodali sono riportati rispetto al sistema globale di riferimento (X, Y, Z); i parametri di sollecitazione (forza normale Nx, forze taglianti Ty e Tz, i momenti flettenti My e Mz ed i momenti torcenti Mx), rispetto al sistema di riferimento locale degli elementi strutturali. I carichi sono definiti rispetto al sistema di riferimento globale (X, Y, Z).
La struttura è schematizzata con un telaio spaziale tridimensionale incastrato alla base.

Gli elementi del telaio hanno caratteristiche geometriche calcolate automaticamente dal programma una volta assegnate le dimensioni.
I carchi agenti sono stati attribuiti agli elementi strutturali di competenza con un modello di ripartizione per aree di influenza.

Gli elementi dei telai sono caricati dai seguenti carichi nelle seguenti condizioni di carico:

- **Perma** - Peso proprio di travi e pilastri (computati automaticamente dal programma una volta assegnata la densità di massa) e pesi propri degli altri elementi strutturali quali solai;

- **Perma g2**- Peso degli elementi non strutturali portati quali permanenti e tamponature;
- **Acc_150** – Azioni variabili in copertura;
- **Acc_300** – Azioni variabili nelle zone uffici.

Ad ogni elemento inoltre, per lo svolgimento dell'analisi dinamica, viene assegnata una massa uniformemente distribuita dovuta al peso proprio, ai carichi permanenti ed agli accidentali con i coefficienti di riduzione secondo le vigenti normative.

Il programma di calcolo esegue l'analisi statica per i carichi assegnati, considerati agenti staticamente, poi l'analisi modale e l'analisi sismica con la tecnica dello spettro di risposta. Il solutore usato è un solutore "in core" per matrici sparse ad alte prestazioni. Per l'analisi modale si è impiegato il "subspace iteration method" per il calcolo dei periodi propri e dei modi di vibrare della struttura.
Per l'analisi sismica si è impiegata la tecnica dello Spettro di Risposta con sovrapposizione modale CQC (Complete Quadratic Combination) considerando gli smorzamenti assegnati.

Nel modello sono state valutate sei condizioni di carico sismiche:

- Dinamica SLVh X: sisma in direzione X applicando lo spettro relativo allo S.L.V.
- Dinamica SLVh Y: sisma in direzione Y applicando lo spettro relativo allo S.L.V.
- Dinamica SLDh X: sisma in direzione X applicando lo spettro relativo allo S.L.D.
- Dinamica SLDh Y: sisma in direzione Y applicando lo spettro relativo allo S.L.D.
- Dinamica SLOh X: sisma in direzione X applicando lo spettro relativo allo S.L.O.
- Dinamica SLOh Y: sisma in direzione Y applicando lo spettro relativo allo S.L.O.

Le caratteristiche della sollecitazione calcolate dal programma di calcolo "NOLIAN" vengono inserite nel postprocessore "EASYBEAM" come successivamente descritto per la verifica delle sezioni dei vari elementi in c.a. come pilastri e travi di copertura.

Casi di carico e combinazioni

Le azioni di cui ai paragrafi precedenti sono combinate tra loro, al fine di ottenere le sollecitazioni di progetto relative agli elementi strutturali di volta in volta considerati in base a quanto prescritto delle NTC 2008.
Le combinazioni di carico s.l.u. statiche (in assenza di azioni sismiche) sono ottenute mediante diverse combinazioni dei carichi permanenti ed accidentali in modo da considerare tutte le situazioni più sfavorevoli agenti sulla struttura. I carichi vengono

applicati mediante opportuni coefficienti parziali di sicurezza, considerando l'eventualità più gravosa per la sicurezza della struttura.

Le azioni sismiche sono valutate in conformità a quanto stabilito dalle norme e specificato nel paragrafo sulle azioni. In sede di dimensionamento vengono analizzate tutte le combinazioni, anche sismiche, impostate ai fini della verifica s.l.u. Vengono anche processate le specifiche combinazioni di carico introdotte per valutare lo stato limite di esercizio (tensioni, fessurazione, deformabilità).

Le verifiche dinamiche dello stato limite di salvaguardia della vita (SLV) vengono effettuate con la combinazione:

$S=G_1+G_2+E+\Sigma_j \psi_{2j} Q_{kj}$

Con

G_1=effetto dei pesi propri

G_2=effetto del carico permanente degli elementi non strutturali

E=ettetto dell'azione sismica

Q_{kj}=effetto delle azioni variabili (vento, neve, carico d'esercizio, ecc)

L'azione sismica viene valutata con riferimento alle masse definite dalla combinazione

$G_1+G_2+\Sigma_j \psi_{2j} Q_{kj}$

In cui i coefficienti ψ_{2j} sono gli stessi utilizzati per la combinazione delle azioni sismiche

Per gli stati limite ultimi (SLU) statici sono state adottate le combinazioni del tipo:

$$\gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_P \cdot P + \gamma_{Q1} \cdot Q_{k1} + \gamma_{Q2} \cdot \psi_{02} \cdot Q_{k2} + \gamma_{Q3} \cdot \psi_{03} \cdot Q_{k3} + ...$$

dove:

- G_1 rappresenta il peso proprio di tutti gli elementi strutturali; peso proprio del terreno, quando pertinente; forze indotte dal terreno (esclusi gli effetti di carichi variabili applicati al terreno); forze risultanti dalla pressione dell'acqua (quando si configurino costanti nel tempo);
- G_2 rappresenta il peso proprio di tutti gli elementi non strutturali;
- P rappresenta pretensione e precompressione;
- Q azioni sulla struttura o sull'elemento strutturale con valori istantanei che possono risultare sensibilmente diversi fra loro nel tempo:
  - di lunga durata: agiscono con un'intensità significativa, anche non continuativamente, per un tempo non trascurabile rispetto alla vita nominale della struttura;
  - di breve durata: azioni che agiscono per un periodo di tempo breve rispetto alla vita nominale della struttura;
- Q_{ki} rappresenta il valore caratteristico della i-esima azione variabile;
- $\gamma_g, \gamma_q, \gamma_p$ coefficienti parziali come definiti nella tabella 2.6.I del DM 14 gennaio 2008;

ψ_{0i} sono i coefficienti di combinazione per tenere conto della ridotta probabilità di concomitanza delle azioni variabili con i rispettivi valori caratteristici.

All'interno della verifica agli **SLU** i coefficienti moltiplicativi di sicurezza da applicare ai carichi sono forniti come segue:

Tabella 2.6.I – *Coefficienti parziali per le azioni o per l'effetto delle azioni nelle verifiche SLU*

		Coefficiente γ_F	EQU	A1 STR	A2 GEO
Carichi permanenti	favorevoli sfavorevoli	γ_{G1}	0,9 1,1	1,0 1,3	1,0 1,0
Carichi permanenti non strutturali[1]	favorevoli sfavorevoli	γ_{G2}	0,0 1,5	0,0 1,5	0,0 1,3
Carichi variabili	favorevoli sfavorevoli	γ_{Qi}	0,0 1,5	0,0 1,5	0,0 1,3

I valori dei coefficienti di combinazione utilizzati sono cerchiati in rosso nella seguente tabella:

Tabella 2.5.I – *Valori dei coefficienti di combinazione*

Categoria/Azione variabile	ψ_{0j}	ψ_{1j}	ψ_{2j}
Categoria A Ambienti ad uso residenziale	0,7	0,5	0,3
Categoria B Uffici	0,7	0,5	0,3
Categoria C Ambienti suscettibili di affollamento	0,7	0,7	0,6
Categoria D Ambienti ad uso commerciale	0,7	0,7	0,6
Categoria E Biblioteche, archivi, magazzini e ambienti ad uso industriale	1,0	0,9	0,8
Categoria F Rimesse e parcheggi (per autoveicoli di peso ≤ 30 kN)	0,7	0,7	0,6
Categoria G Rimesse e parcheggi (per autoveicoli di peso > 30 kN)	0,7	0,5	0,3
Categoria H Coperture	0,0	0,0	0,0
Vento	0,6	0,2	0,0
Neve (a quota ≤ 1000 m s.l.m.)	0,5	0,2	0,0
Neve (a quota > 1000 m s.l.m.)	0,7	0,5	0,2
Variazioni termiche	0,6	0,5	0,0

Allo Stato Limite di Esercizio (SLE) le sollecitazioni sono state ricavate applicando le formule riportate nel D.M. 14 gennaio 2008 - Norme tecniche per le costruzioni - al punto 2.5.3.

Per le verifiche agli stati limite di esercizio, a seconda dei casi, si fa riferimento alle seguenti combinazioni di carico:

combinazione rara $$F_d = \sum_{j=1}^{m}\left(G_{Kj}\right) + Q_{k1} + \sum_{i=2}^{n}\left(\psi_{0i} \cdot Q_{ki}\right) + \sum_{h=1}^{l}\left(P_{kh}\right)$$

combinazione frequente $$F_d = \sum_{j=1}^{m}\left(G_{Kj}\right) + \psi_{11} \cdot Q_{k1} + \sum_{i=2}^{n}\left(\psi_{2i} \cdot Q_{ki}\right) + \sum_{h=1}^{l}\left(P_{kh}\right)$$

combinazione quasi permanente $$F_d = \sum_{j=1}^{m}\left(G_{Kj}\right) + \psi_{21} \cdot Q_{k1} + \sum_{i=2}^{n}\left(\psi_{2i} \cdot Q_{ki}\right) + \sum_{h=1}^{l}\left(P_{kh}\right)$$

dove:

G_{kj} valore caratteristico della j-esima azione permanente;
P_{kh} valore caratteristico della h-esima deformazione impressa;
Q_{kl} valore caratteristico dell'azione variabile di base di ogni combinazione;
Q_{ki} valore caratteristico della i-esima azione variabile;
ψ_{0i} coefficiente atto a definire i valori delle azioni ammissibili di durata breve ma ancora significativi nei riguardi della possibile concomitanza con altre azioni variabili;
ψ_{1i} coefficiente atto a definire i valori delle azioni ammissibili ai frattili di ordine 0,95 delle distribuzioni dei valori istantanei;
ψ_{2i} coefficiente atto a definire i valori quasi permanenti delle azioni ammissibili ai valori medi delle distribuzioni dei valori istantanei.

Condizioni di carico modello

(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) Perma	Permanente
(1) Perma g2	Permanente g2
(1) Acc_150	Neve (q<1000)
(1) Acc_300	Cat. B: Uffici
(1) Torcente di piano SLO	Torcente SLO
(1) Torcente di piano SLD	Torcente SLD
(1) Torcente di piano SLV	Torcente SLV

Combinazioni di carico modello

Combinazioni di progetto dei carichi allo SLV

1 **-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1)**

	Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
2	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
3	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
4	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
5	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
6	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
7	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
8	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
9	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
10	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
11	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
12	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
13	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
14	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
15	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
16	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
17	1.50 * (1) Acc_300 + 0.75 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
18	1.05 * (1) Acc_300 + 1.50 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
19	1.00 * (1) Perma g2 + 1.00 * (1) Perma
20	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
21	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
22	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
23	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
24	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
25	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
26	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
27	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1)

	Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
28	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
29	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
30	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
31	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
32	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
33	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
34	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
35	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
36	1.50 * (1) Acc_300 + 0.75 * (1) Acc_150 + 1.50 * (1) Perma g2 + 1.30 * (1) Perma
37	1.05 * (1) Acc_300 + 1.50 * (1) Acc_150 + 1.50 * (1) Perma g2 + 1.30 * (1) Perma
38	1.50 * (1) Perma g2 + 1.30 * (1) Perma

Combinazioni di danno dei carichi SLD

1	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
2	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
3	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
4	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
5	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
6	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
7	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
8	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
9	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
10	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
11	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
12	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
13	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1)

	Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
14	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
15	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
16	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
17	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
18	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
19	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
20	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
21	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
22	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
23	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
24	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
25	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
26	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
27	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
28	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
29	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
30	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
31	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
32	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y

Combinazioni di operatività dei carichi SLO

1	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh X
2	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh X
3	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh X
4	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1)

	Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh X
5	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh X
6	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh X
7	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh X
8	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh X
9	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh Y
10	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh Y
11	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh Y
12	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh Y
13	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh Y
14	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh Y
15	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh Y
16	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh Y
17	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh X
18	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh X
19	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh X
20	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh X
21	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh X
22	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh X
23	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh X
24	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh X
25	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh Y
26	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh Y
27	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh Y
28	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh Y
29	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1)

	Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh Y
30	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh Y
31	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLOh Y
32	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLOh Y

Combinazioni di esercizio dei carichi

1	Quasi Perm.	0.30 * (1) Acc_300 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
2	Quasi Perm.	1.00 * (1) Perma g2 + 1.00 * (1) Perma
3	Frequente	0.50 * (1) Acc_300 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
4	Frequente	0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
5	Frequente	1.00 * (1) Perma g2 + 1.00 * (1) Perma
6	Rara	1.00 * (1) Acc_300 + 0.50 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
7	Rara	0.70 * (1) Acc_300 + 1.00 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
8	Rara	1.00 * (1) Perma g2 + 1.00 * (1) Perma

Rappresentatività del modello

La rappresentatività dei risultati ottenuti è in primo luogo assicurata dal metodo adottato che è il Metodo degli Elementi Finiti che non richiede delle significative semplificazioni del modello strutturale. Tale metodo ha permesso infatti di rappresentare tutte le particolarità strutturali con l'opportuna adeguatezza. Tra queste, citando solo le principali, gli impalcati rigidi nel proprio piano, la connessione di dimensioni finite tra elementi, l'interazione con il suolo, la distribuzione delle masse, i vincoli e le disconnessioni di vincolo tra elementi. In questa struttura non vi sono variazioni di stato nel tempo o per fasi costruttive e quindi si è adottato un unico modello benché il programma di calcolo adottato avrebbe facilmente permesso si considerare fasi evolutive della struttura. Il modello strutturale utilizzato corrisponde inoltre alle concezione e alle esigenze di analisi in quanto il programma di calcolo adottato per trattarlo, consente una completa verifica e diagnosi sul modello stesso di elementi finiti non avendo fasi intermedi di automazione che possano rendere poco identificabile il modello adottato.

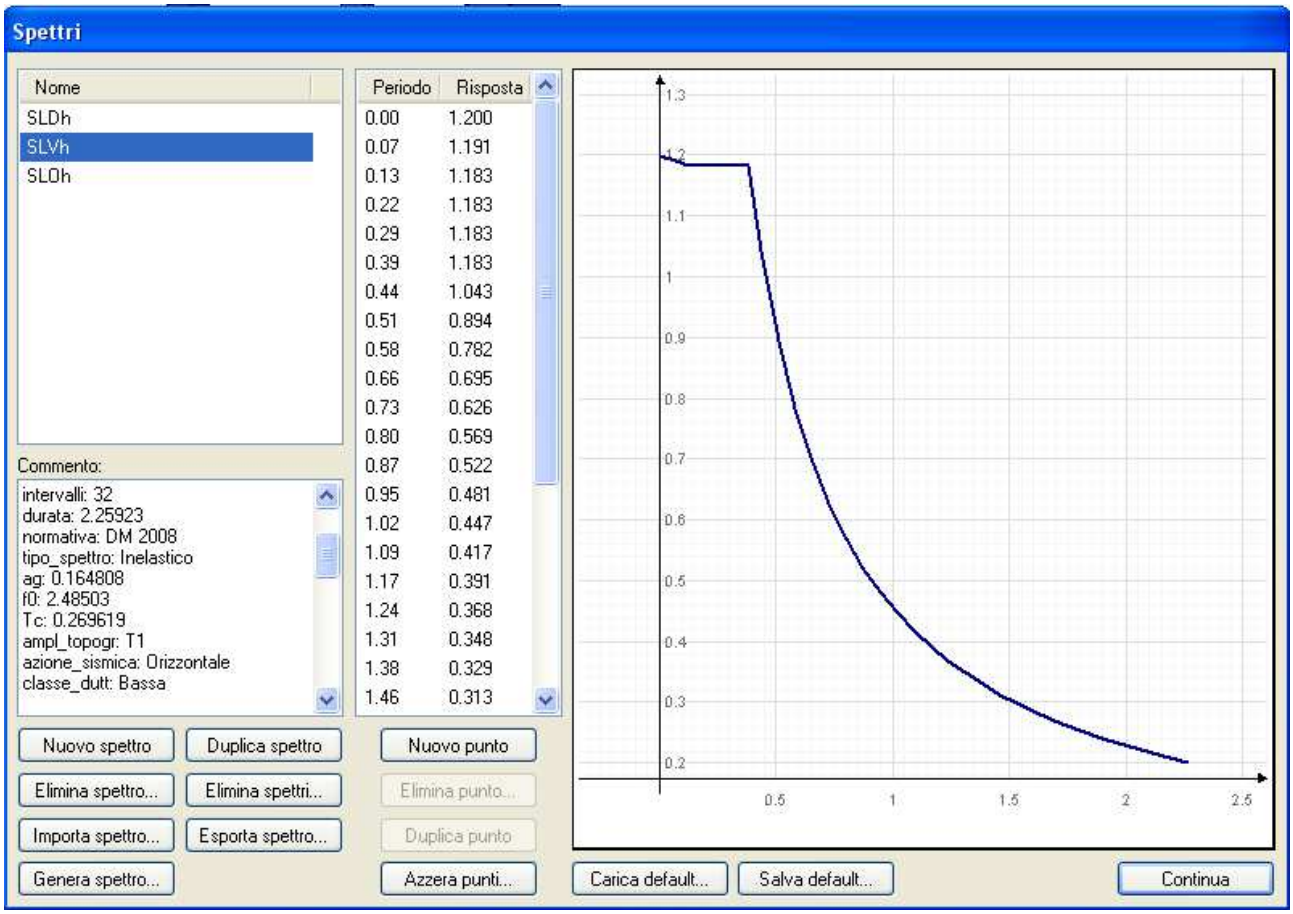
Analisi spettrale

L'analisi spettrale è condotta per le seguenti condizioni dinamiche:

Nome della condizione dinamica	Nome dello	Acc. X	Acc. Y	Acc. Z

	spettro			
Dinamica SLVh X	SLVh	161.677	0.00	0.00
Dinamica SLVh Y	SLVh	0.00	161.677	0.00
Dinamica SLDh X	SLDh	69.89	0.00	0.00
Dinamica SLDh Y	SLDh	0.00	69.89	0.00
Dinamica SLOh X	SLOh	54.50	0.00	0.00
Dinamica SLOh Y	SLOh	0.00	54.50	0.00

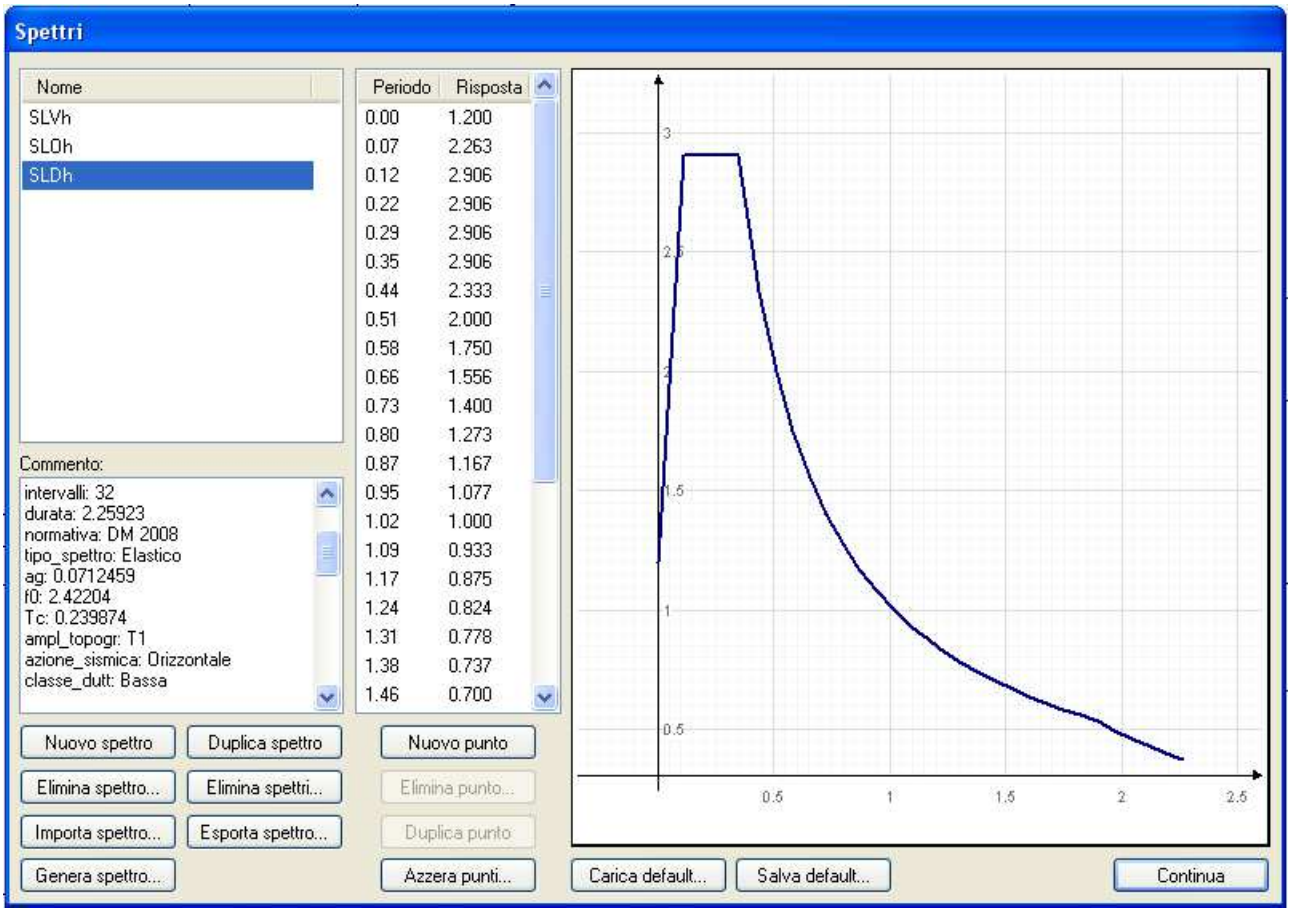
Sono stati impiegati i seguenti spettri di risposta:



Spettro: SLVh

I parametri utilizzati per la generazione dello spettro su riportato sono riassunti nella seguente tabella:

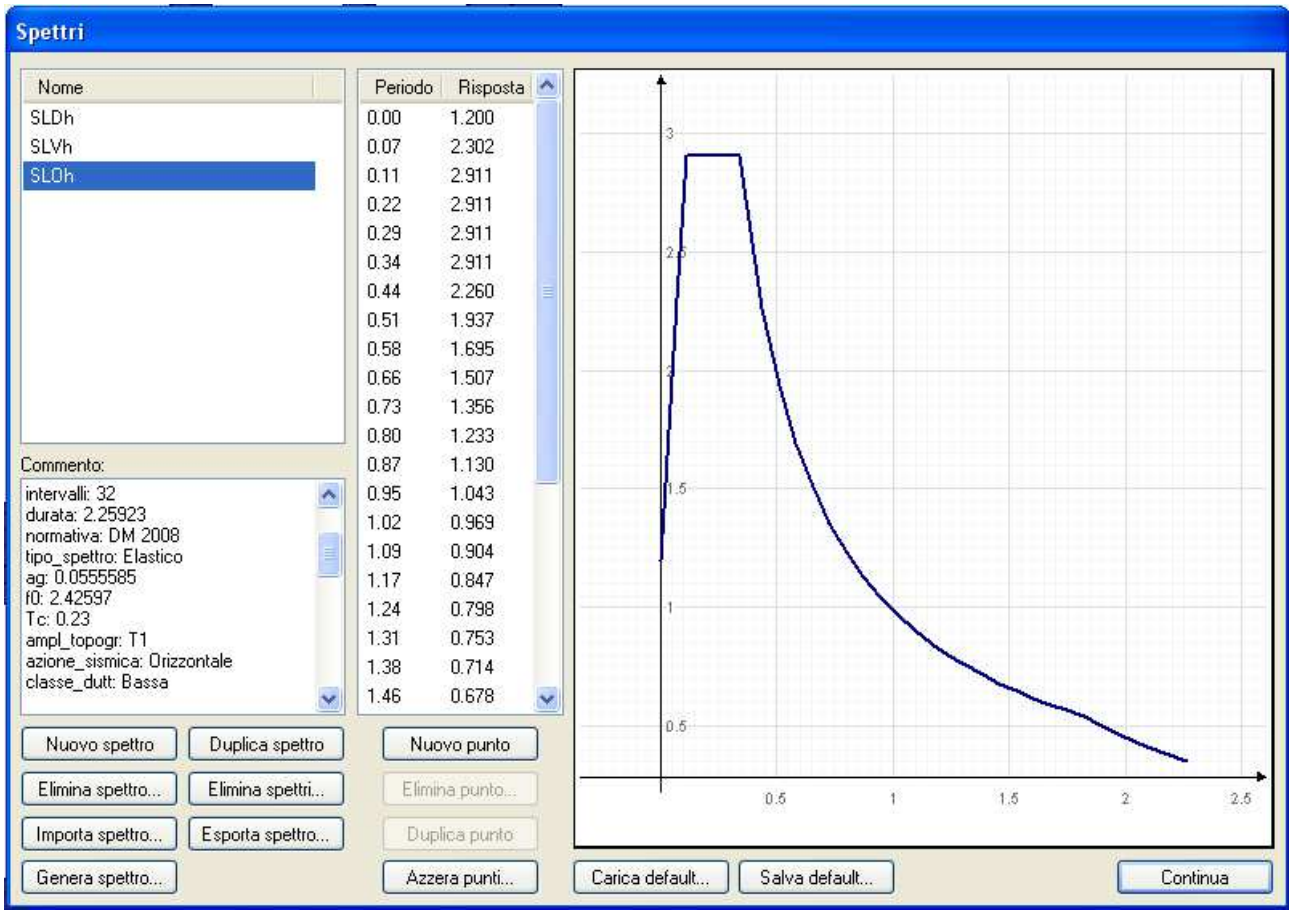
Tipo	Tc	Fo	Fattore di struttura q
ND	0.269	2.48	2.52



Spettro: SLDh

I parametri utilizzati per la generazione dello spettro su riportato sono riassunti nella seguente tabella:

Tipo	Tc	Fo	Fattore di struttura q
ND	0.239	2.42	1.000



Spettro: SLOh

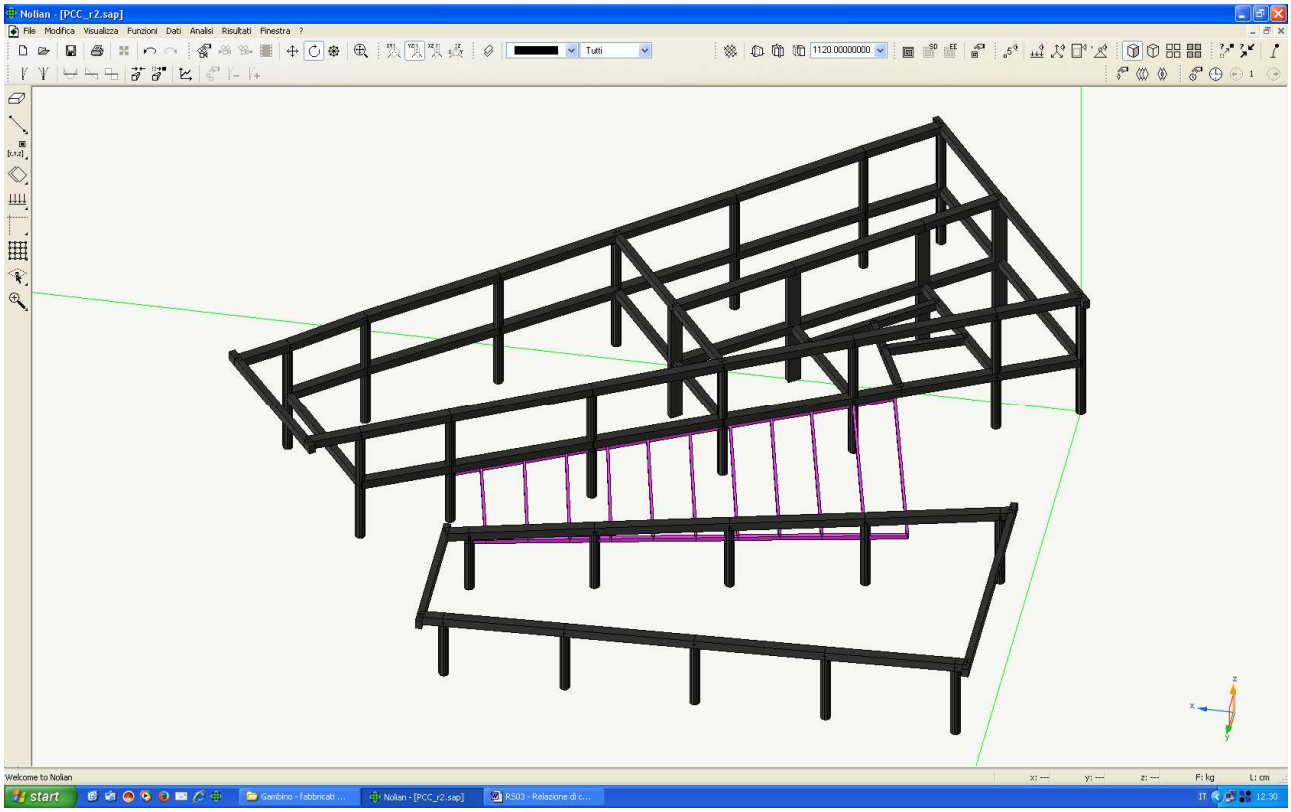
I parametri utilizzati per la generazione dello spettro su riportato sono riassunti nella seguente tabella:

Tipo	Tc	Fo	Fattore di struttura q
ND	0.23	2.42	1.000

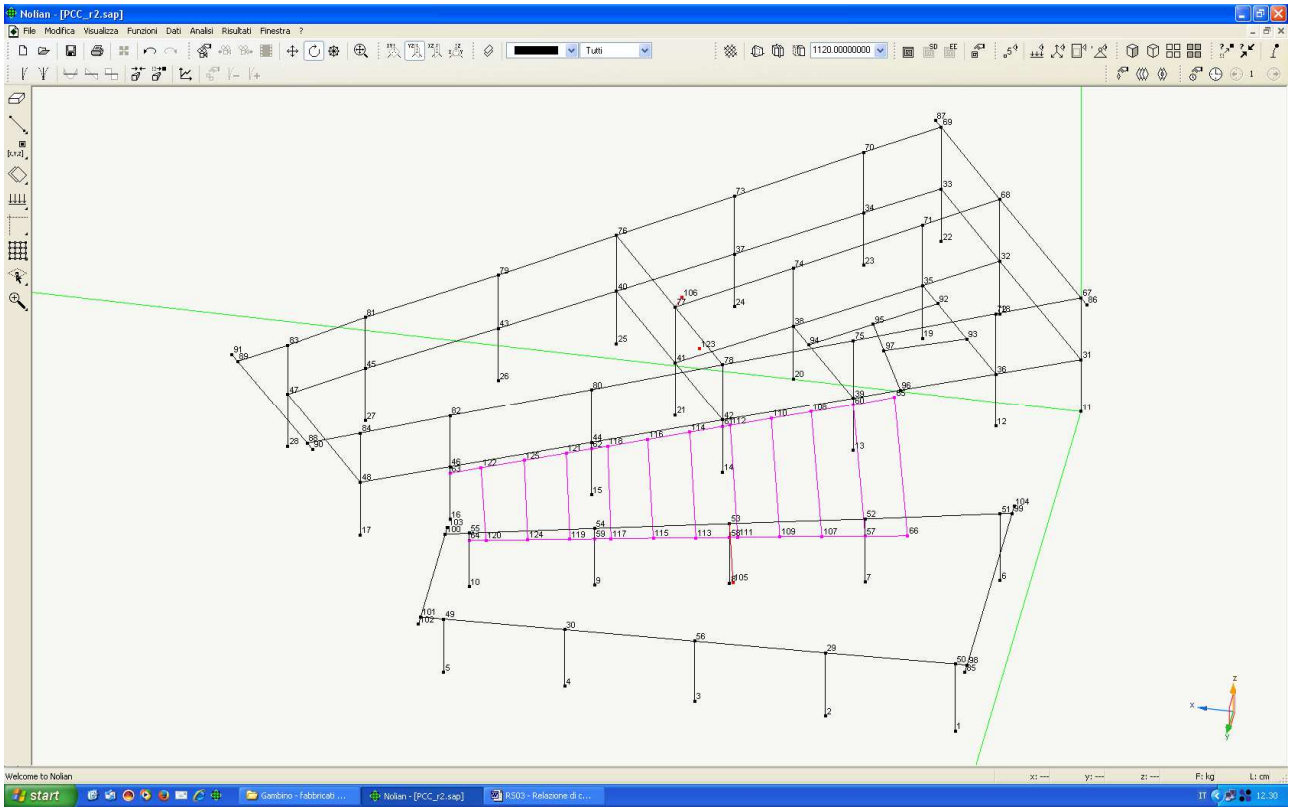
Calcolo struttura

Immagini modello

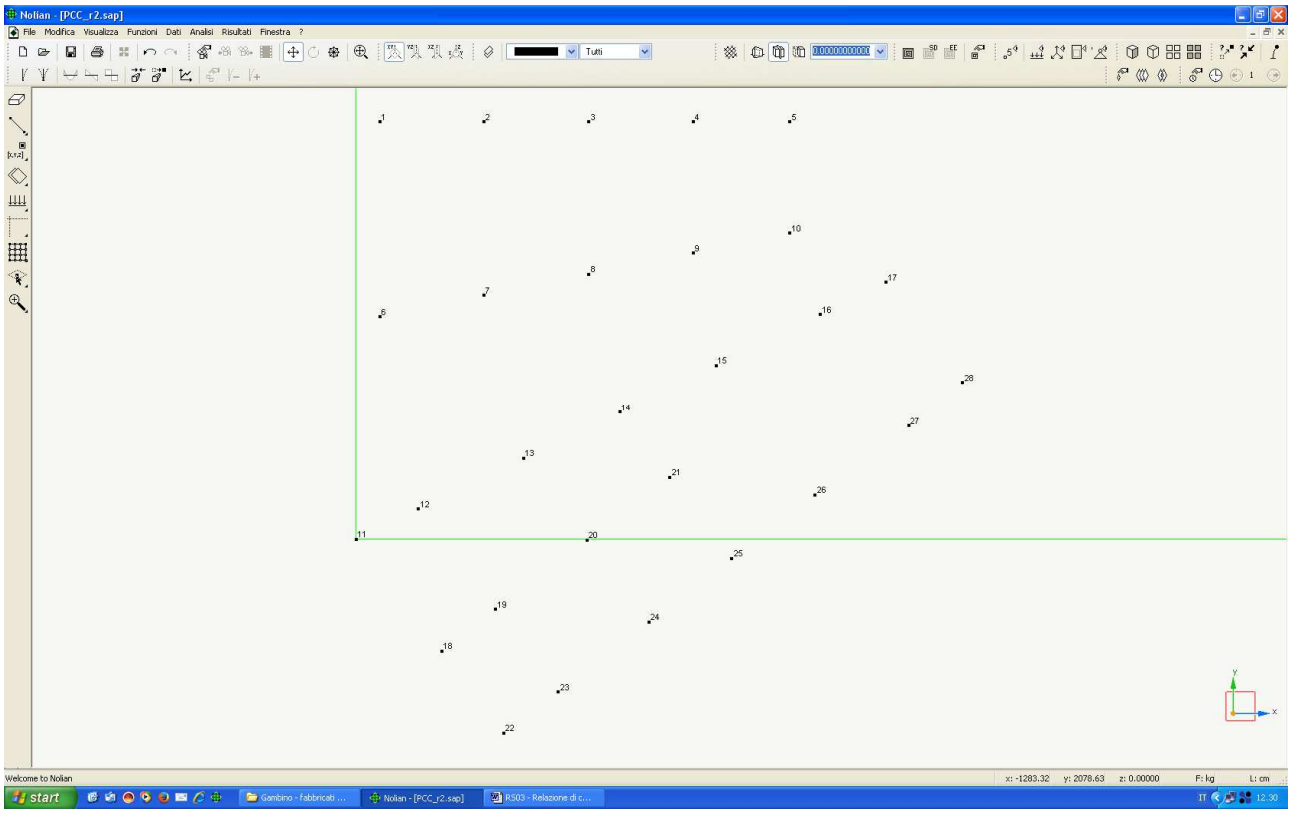
Qui di seguito vengono riportati gli elaborati di calcolo e le immagini relative al modello utilizzato.



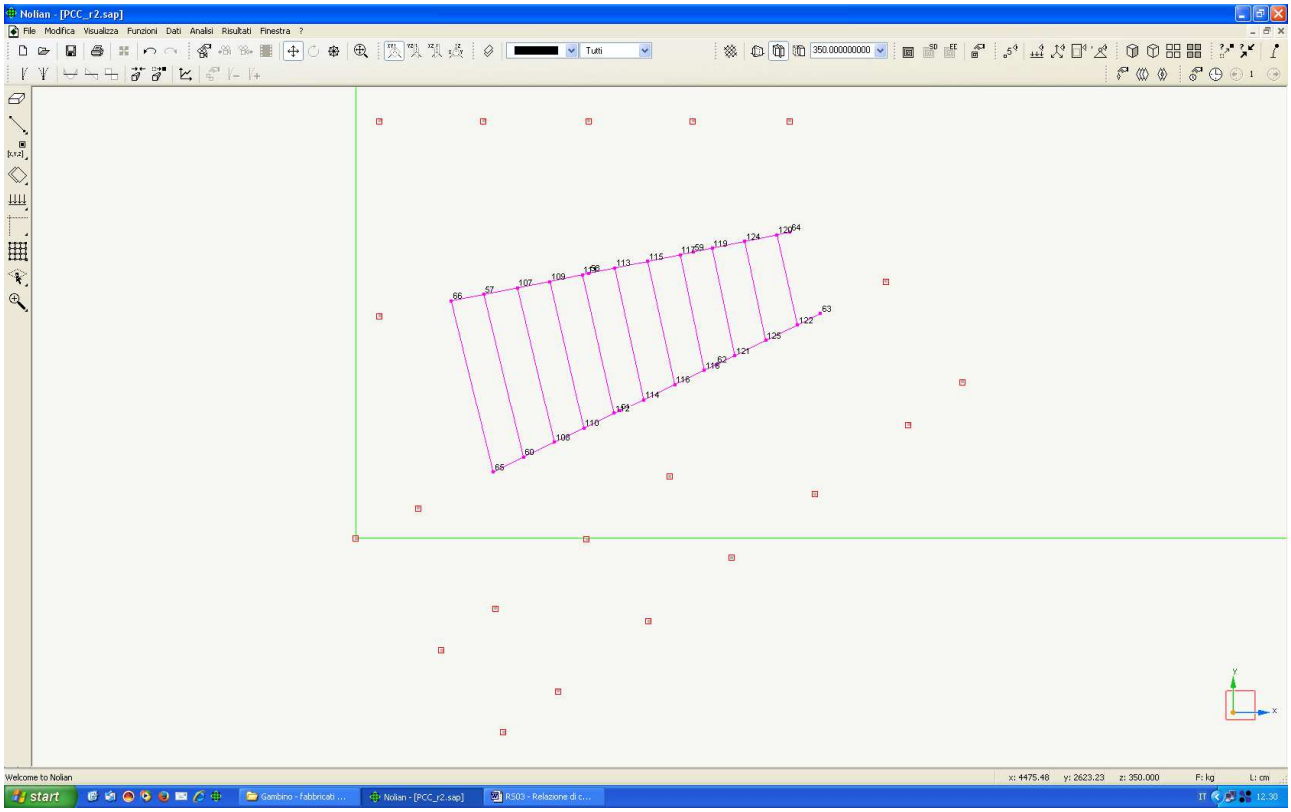
Modello tridimensionale solido



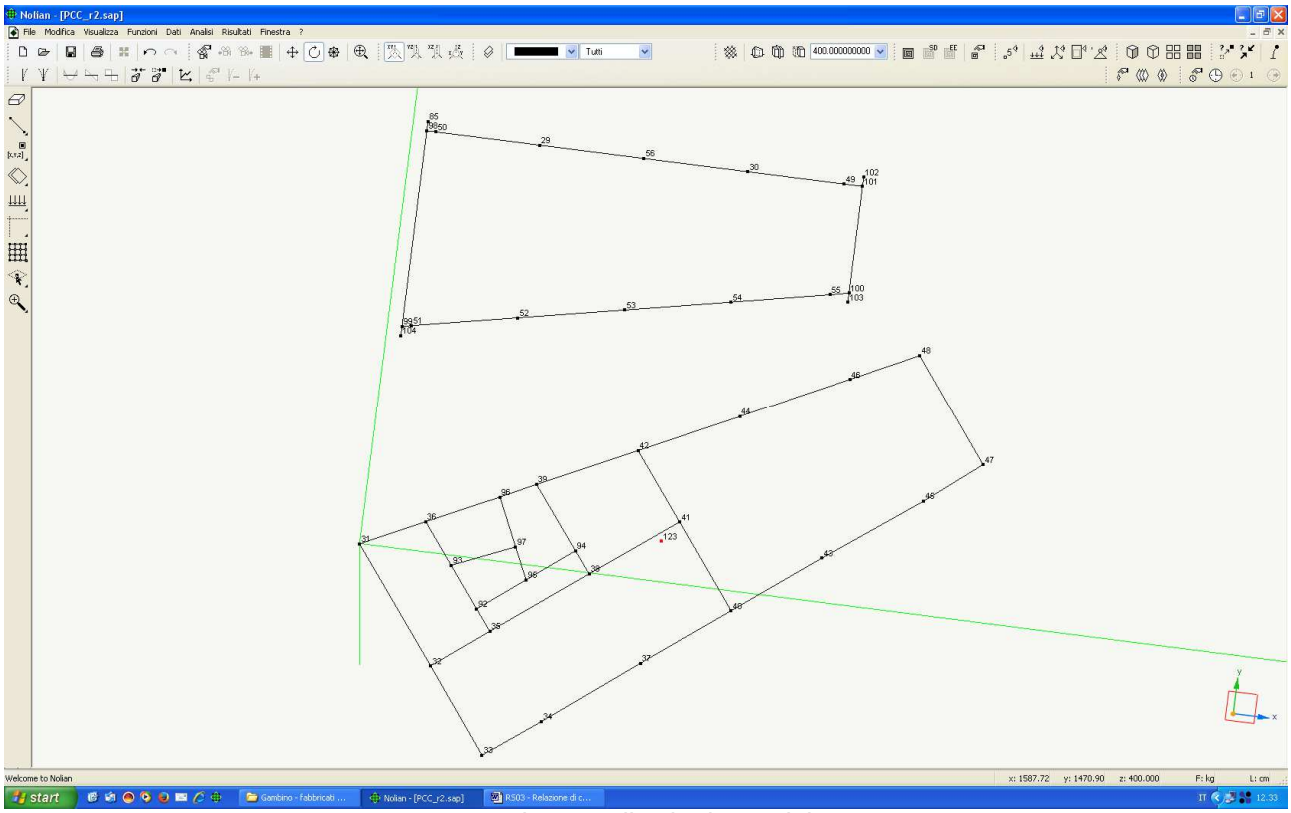
Modello tridimensionale con numerazione nodi



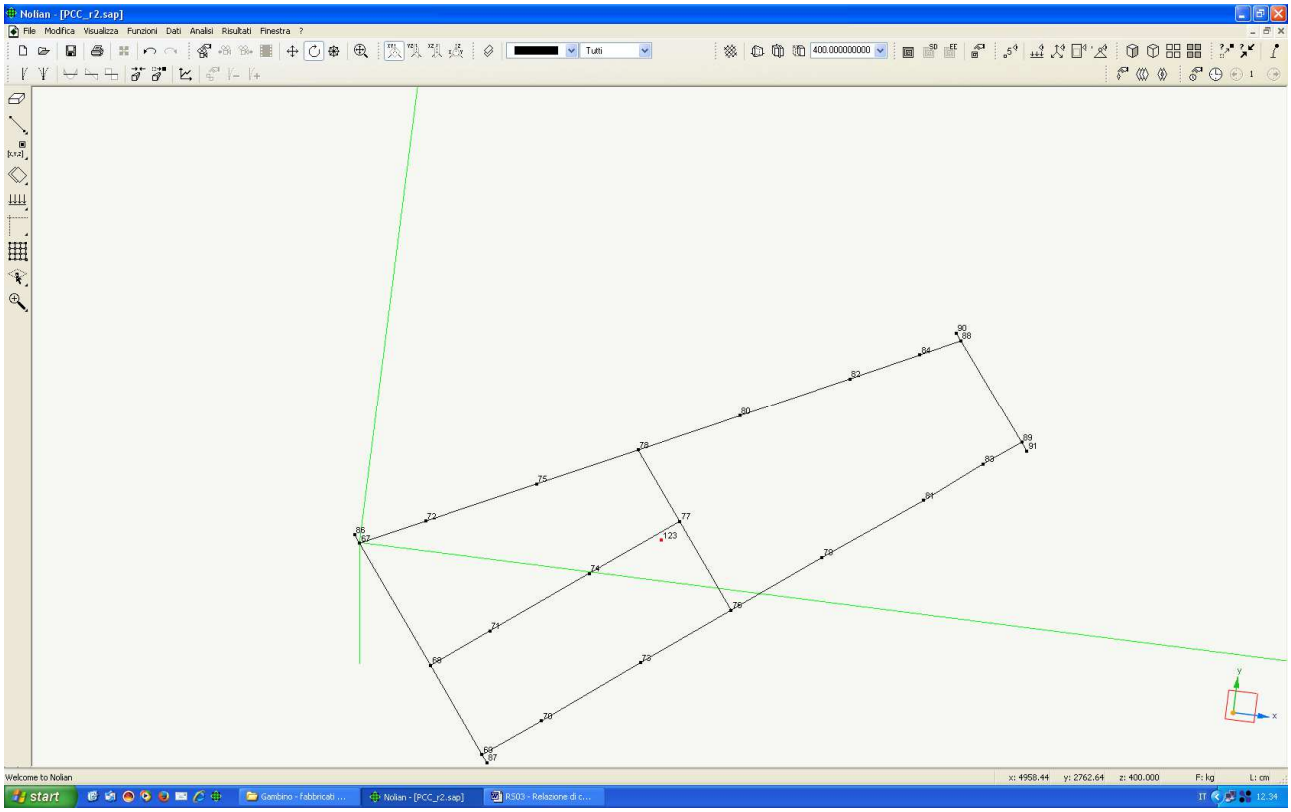
Numerazione Nodi sul piano z=0



Numerazione Nodi sul piano z=350



Numerazione Nodi sul primo solaio



Numerazione Nodi sul piano di copertura

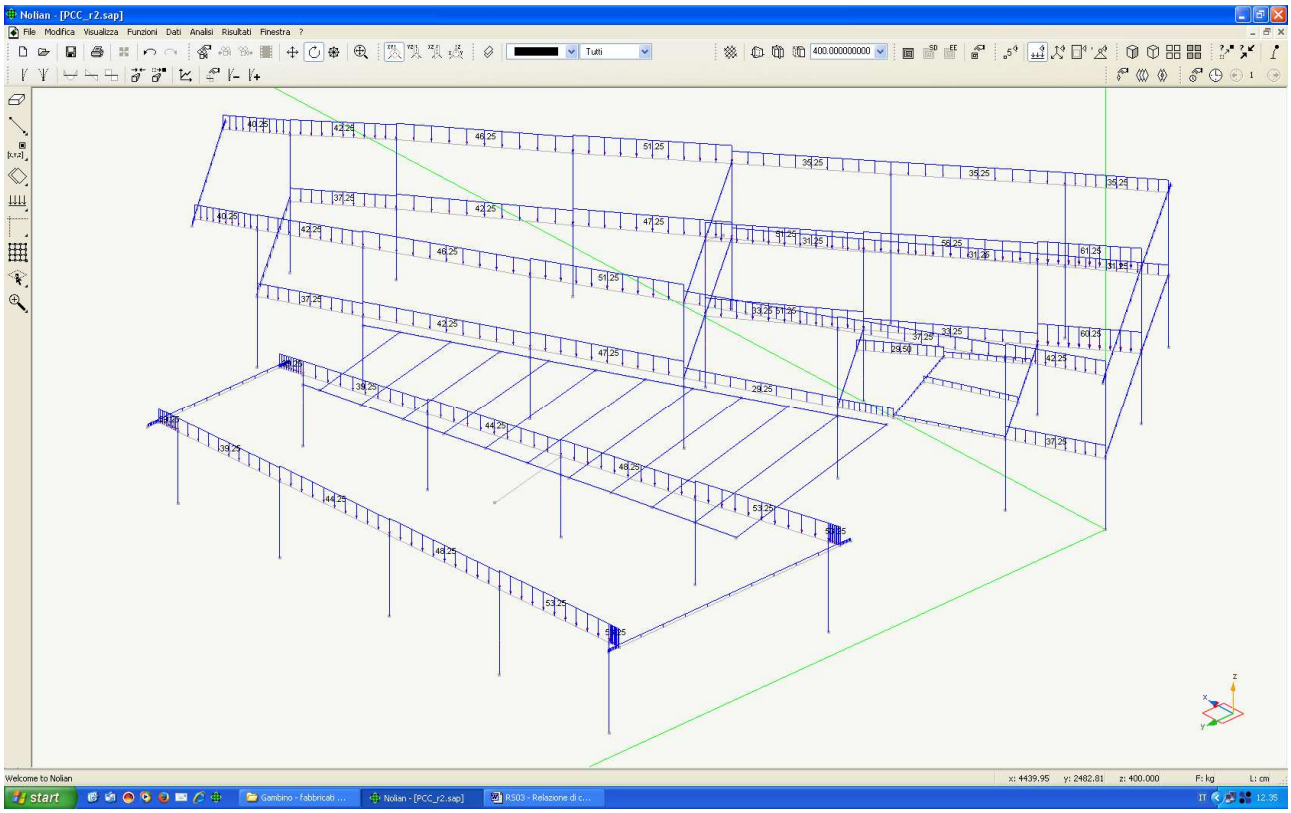


Diagramma dei carichi distribuiti nella condizione di carico “Perma”

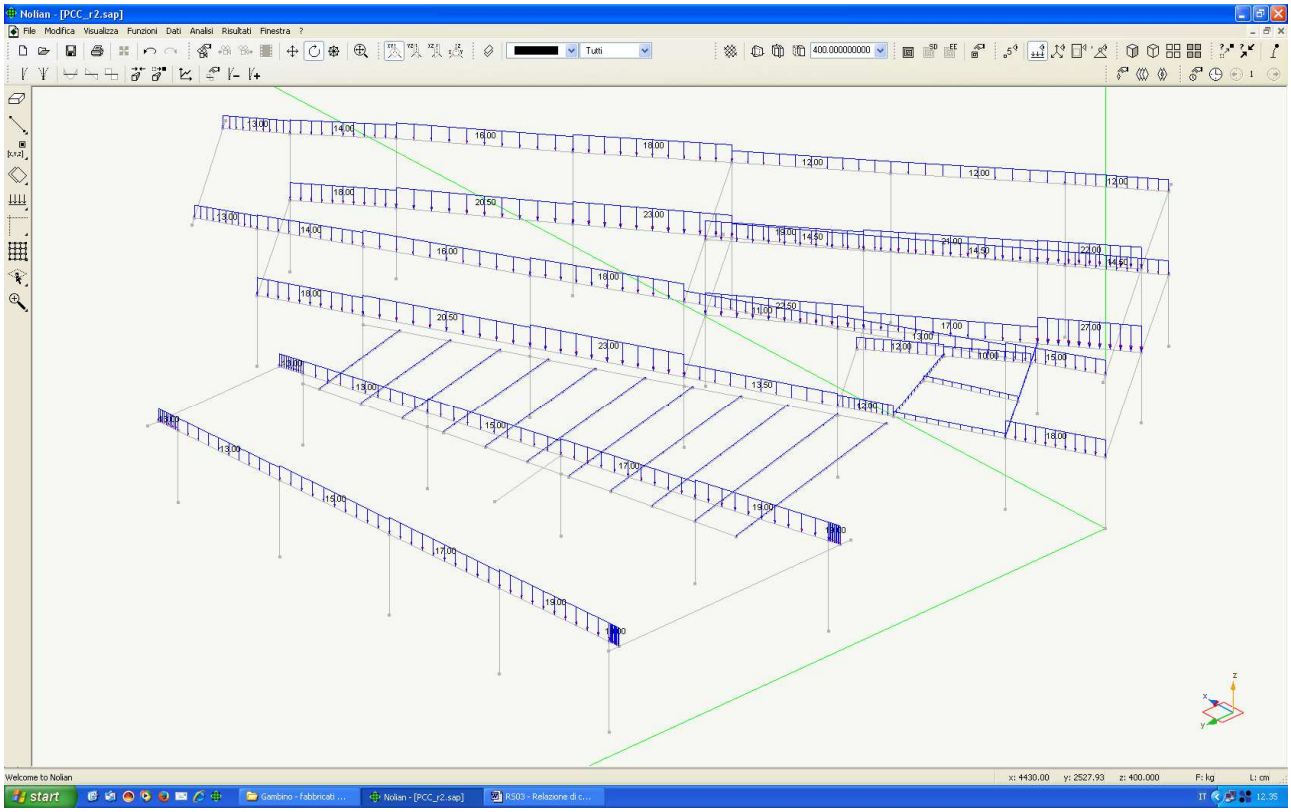


Diagramma dei carichi distribuiti nella condizione di carico "Perma g2"

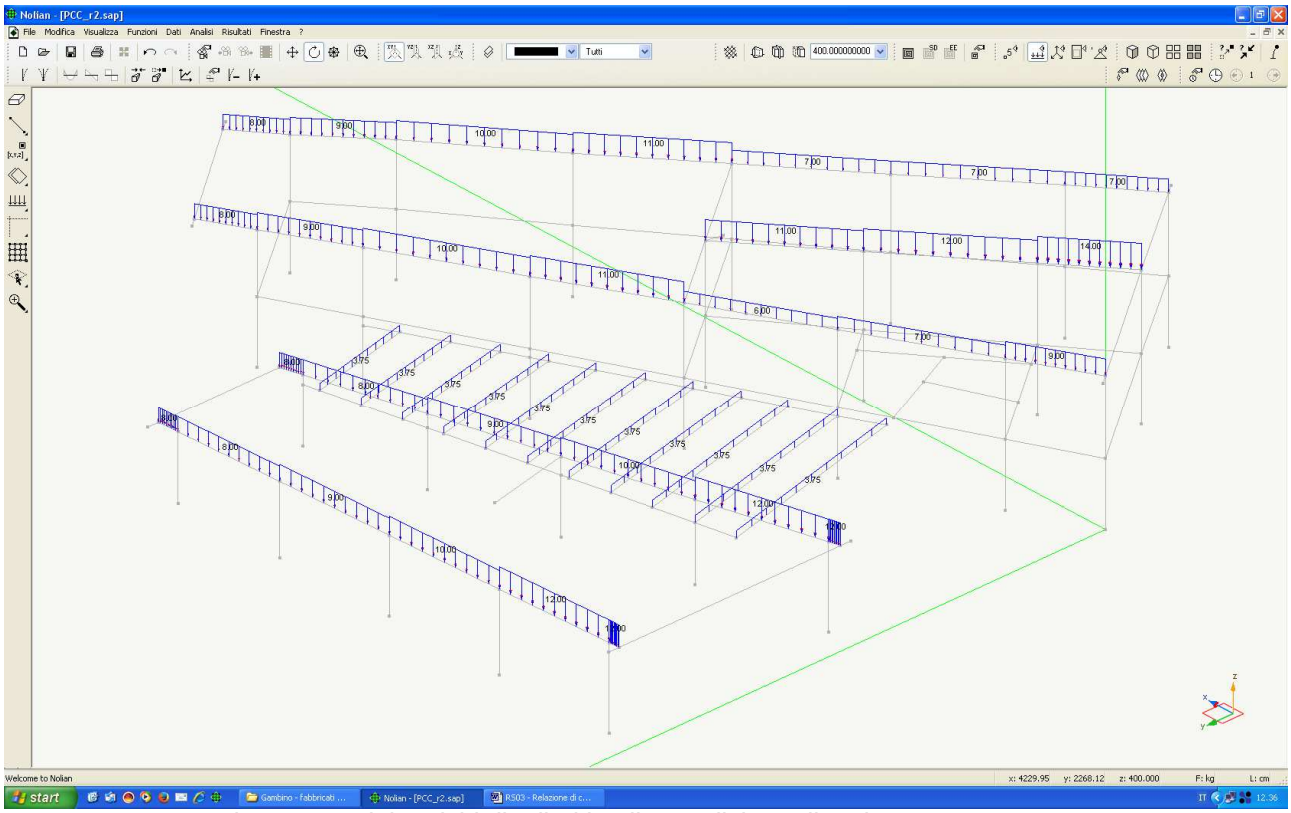


Diagramma dei carichi distribuiti nella condizione di carico "Acc_150"

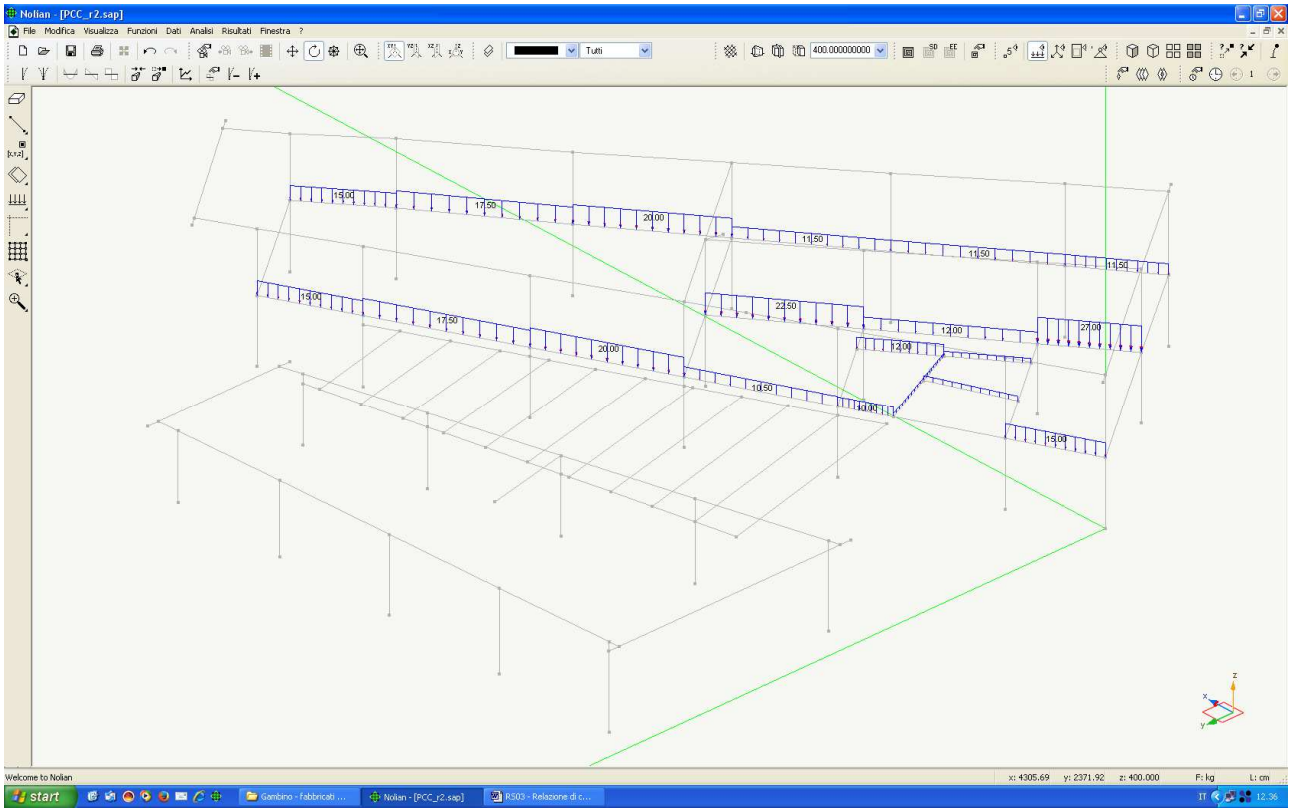


Diagramma dei carichi distribuiti nella condizione di carico "Acc_300"

Risultati analisi modale

Sulla struttura in esame è stata eseguita l'analisi modale. L' analisi modale consiste nel determinare le frequenze e modi propri di vibrare di un sistema a più gradi di libertà. Siano ***k*** e ***m*** rispettivamente le matrici di rigidezza e di massa della struttura da analizzare. Se si indica con ω_n e ϕ_n rispettivamente frequenze e modi propri di vibrare, si può scrivere la relazione che ci fornisce la dinamica delle strutture che lega le grandezze appena citate:

$$[k-\omega^2_n\, m]\phi_n=0$$

Chiaramente ***k*** e ***m*** sono termini noti in quanto ricavati a priori dalle caratteristiche del sistema strutturale, ω_n e ϕ_n sono incognite. La precedente espressione può essere riscritta nel seguente modo:

$$k\phi_n=\omega^2_n\, m\, \phi_n$$

questo rappresenta un problema agli autovalori e autovettori generalizzato e può essere ricondotto nella forma standard semplicemente premoltiplicando per la matrice inversa di ***m***

$$m^{-1}k\phi_n=\omega^2{}_n\phi_n$$

La forma standard del problema è:

$$A\phi=\lambda\phi$$

L'analisi modale, quindi, consiste nella risoluzione di un problema di autovalori e autovettori.

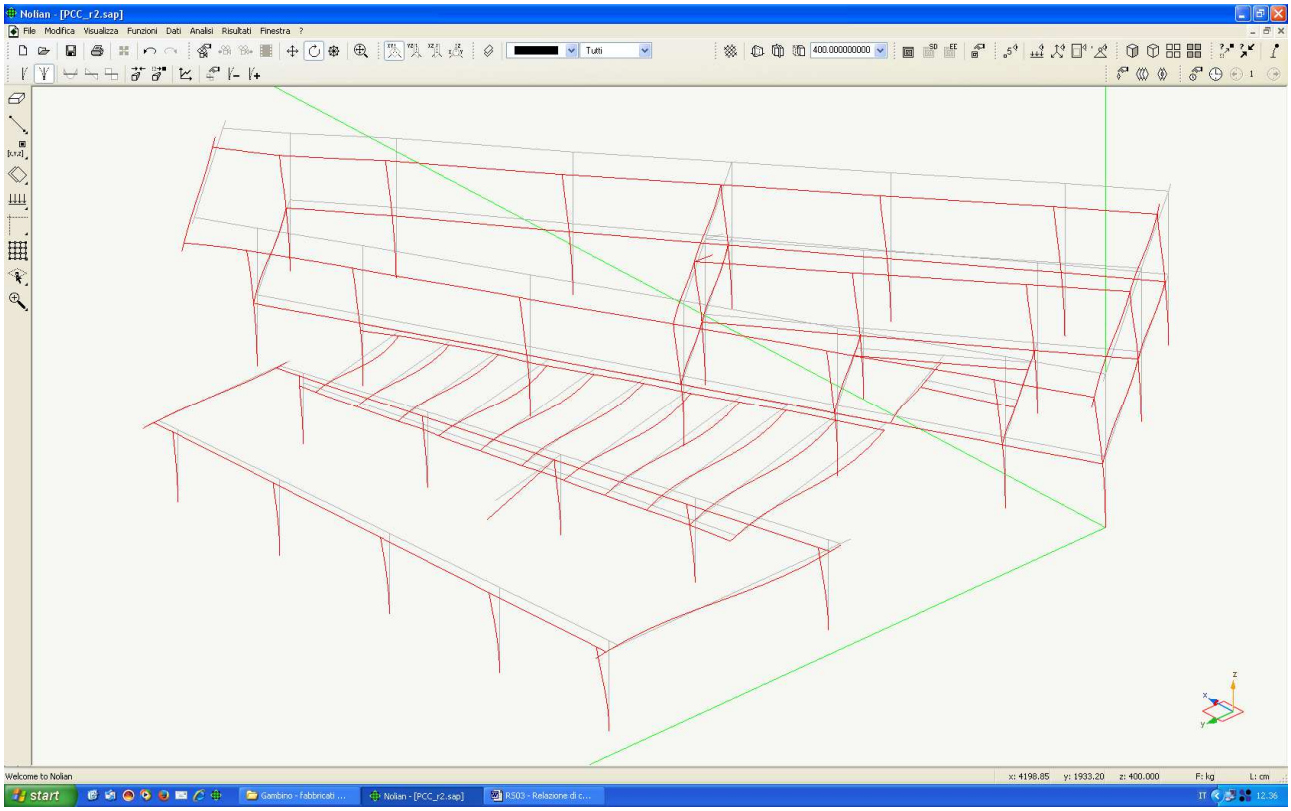
Il numero degli autovalori calcolati è pari a 8.000 e la tabella che segue contiene i valori dei periodi propri:

Modo	x	y	z	s
1	0.19763	0.53064	0.00000	0.36414
2	0.45663	0.25510	0.00000	0.35587
3	0.00121	0.00509	0.00000	0.00315
4	0.00136	0.07532	0.00000	0.03834
5	0.23774	0.00079	0.00000	0.11927
6	0.00402	0.04275	0.00000	0.02338
7	0.04565	0.04749	0.00000	0.04657
8	0.05492	0.04138	0.00000	0.04815
	0.99916	**0.99856**	**0.00000**	**0.99886**

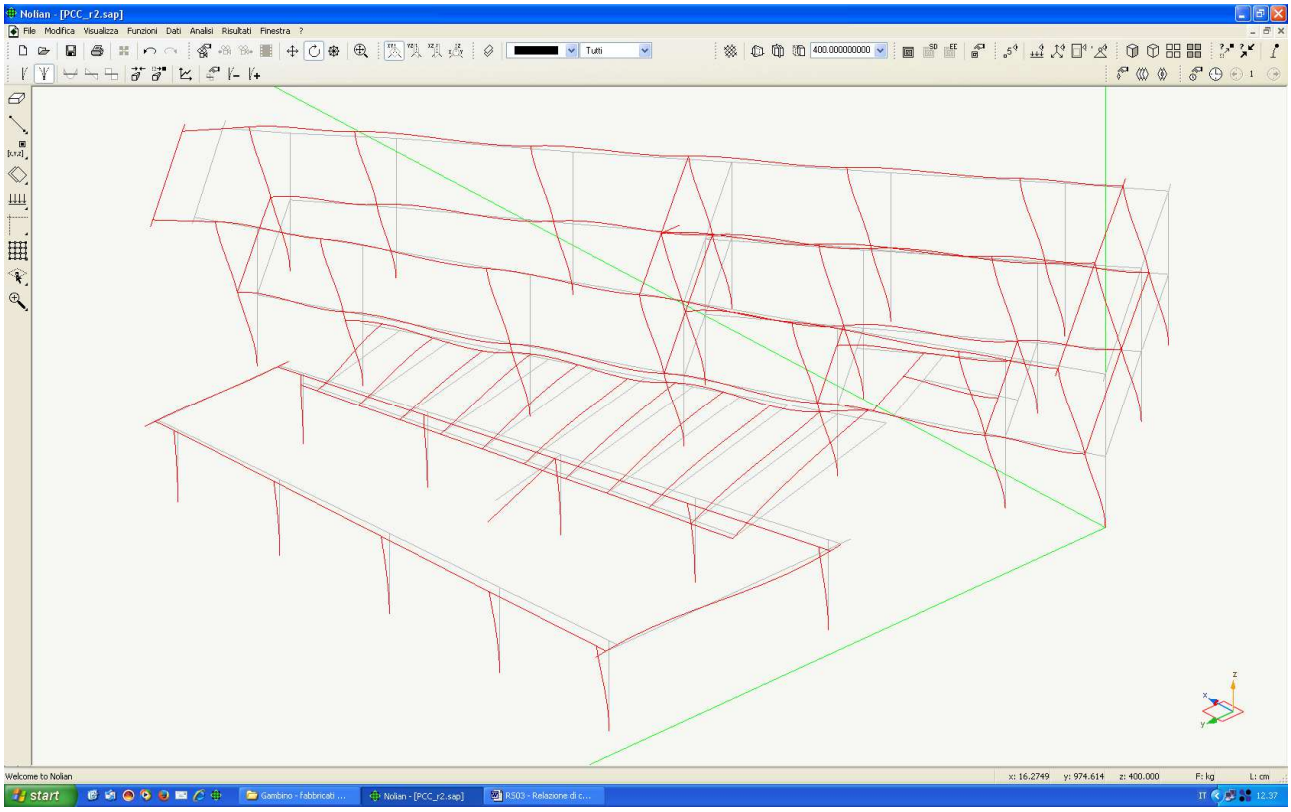
La somma delle masse relative eccitate dai modo considerati e' il 99.8% delle masse totali maggiore del 85% come richiesto dalla normativa vigente.

Siccome la variazione percentuale minima tra i periodi nel modello con spostamento è inferiore al 10% si utilizza nel calcolo delle azioni sismiche la combinazione quadratica completa (CQC).

Si riportano le forme modali della struttura relative agli autovettori più significativi (solo i modi con masse eccitare maggiori del 5%) nei diagrammi seguenti.



Rappresentazione della forma modale relativa al Modo 1 avente massa eccitata paria a 0.36



Rappresentazione della forma modale relativa al Modo 2 avente massa eccitata paria a 0.36

Verifica struttura in c.a. – Pilastri e travi

Il progetto e la verifica delle membrature strutturali attiene, in questo caso, a travi e pilastri in calcestruzzo armato. Poiché è indispensabile considerare sollecitazioni composte (presso-tenso-flessione deviata, taglio deviato etc.) in quanto sicuramente esistenti nella realtà ma comunque perfettamente analizzate con il Metodo degli Elementi Finiti, la verifica delle sezioni avviene tramite un metodo di analisi non lineare della sezione che consiste, brevemente, nell'assumere come incogniti i valori di deformazione generalizzata dei tre gradi di libertà della sezione e risolvere il problema non lineare formulato tramite un integrale di Green al contorno condotto per via numerica. Anche il problema del "taglio deviato" viene risolto per via numerica tramite una integrazione sulla variazione del momento flettente secondo la formulazione di Ciolewsky. Questi metodi, avendo una formulazione matematica rigorosa, consentono di tenere in considerazione qualsiasi legame costitutivo dei materiali e quindi sono particolarmente indicati per legami costitutivi non lineari come nel caso delle verifiche con il metodo degli stati limite. Infatti non introducono limitazioni del tipo dello "stress block" o simili ma impiegano i veri legami costitutivi assegnati. Il progetto delle armature avviene tramite un processo iterativo di verifica di disposizioni ottimali. Pertanto il metodo impiegato conduce a soluzioni sicuramente affidabili per strutture con qualsiasi geometria di sezione comunque sollecitate e disposte nello spazio tridimensionale senza porre limiti aprioristici che sarebbero difficilmente controllabili. Gli algoritmi impiegati non operano semplificazioni quali la sovrapposizione di flessioni rette per approssimare una presso flessione deviata e sono pertanto particolarmente affidabili. Poiché, come detto, tutti gli algoritmi di verifica e progetto sono basati su metodo non lineari, ogni altra verifica (fessurazione, tensioni di esercizio, interazione, duttilità etc.) sono particolarmente affidabili.

Nel seguito saranno proposti, come documentazione sintetica dei risultati, i risultati delle verifiche sia rappresentati a mappe di livelli di colore che con i valori numerici relativi a sezioni significative. In considerazione della estrema generalità degli algoritmi adottati, non vi è motivo di ritenere che i risultati esposti qui a campione non siano estendibili con la stessa sicurezza a tutta la struttura e che le rappresentazioni sintetiche a mappe di colore non siano altrettanto valide che quelle esposte per valori numerici.

Il modello di calcolo è stato inserito nel postprocessore EASYBEAM che calcola e verifica la struttura per gli stati tensionali più gravosi per i singoli elementi costituenti il modello.
Le verifiche delle sezioni delle travi sono effettuate in corrispondenza del bordo dei pilastri con le sollecitazioni inviluppo in quei punti. Per il calcolo delle travi semiprefabbricate tipo TLQ si rimanda al progetto esecutivo ed alla scelta del fornitore delle stesse.
Si ricorda che le unità di misura sono espressi in kg e cm.

Diagrammi Inviluppo per le Combinazioni dei Carichi agli SLU

Qui di seguito vengono riportati i diagrammi inviluppo delle sollecitazioni associate alle combinazioni di carico considerate ai fini degli Stati Limite Ultimi.

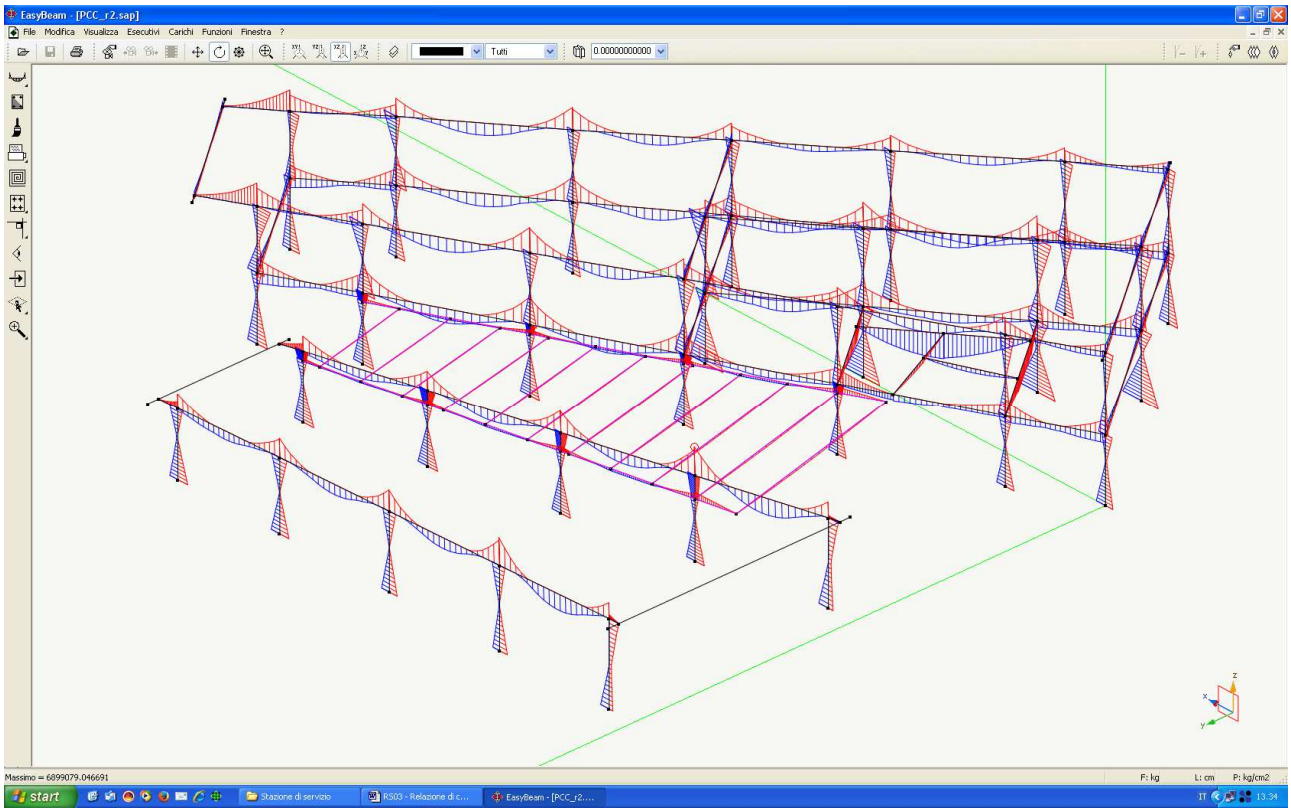


Diagramma Inviluppo dei Momenti nel piano XZ

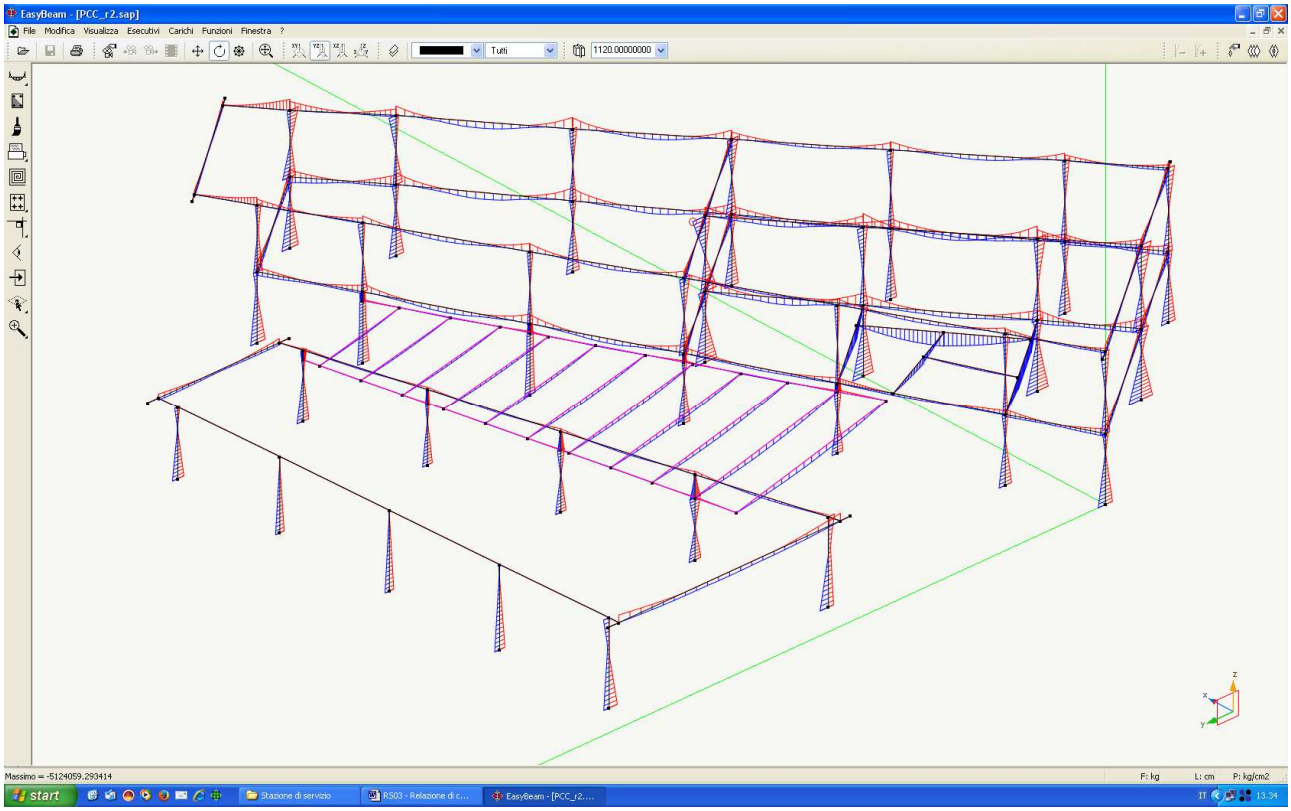


Diagramma Inviluppo dei Momenti nel piano YZ

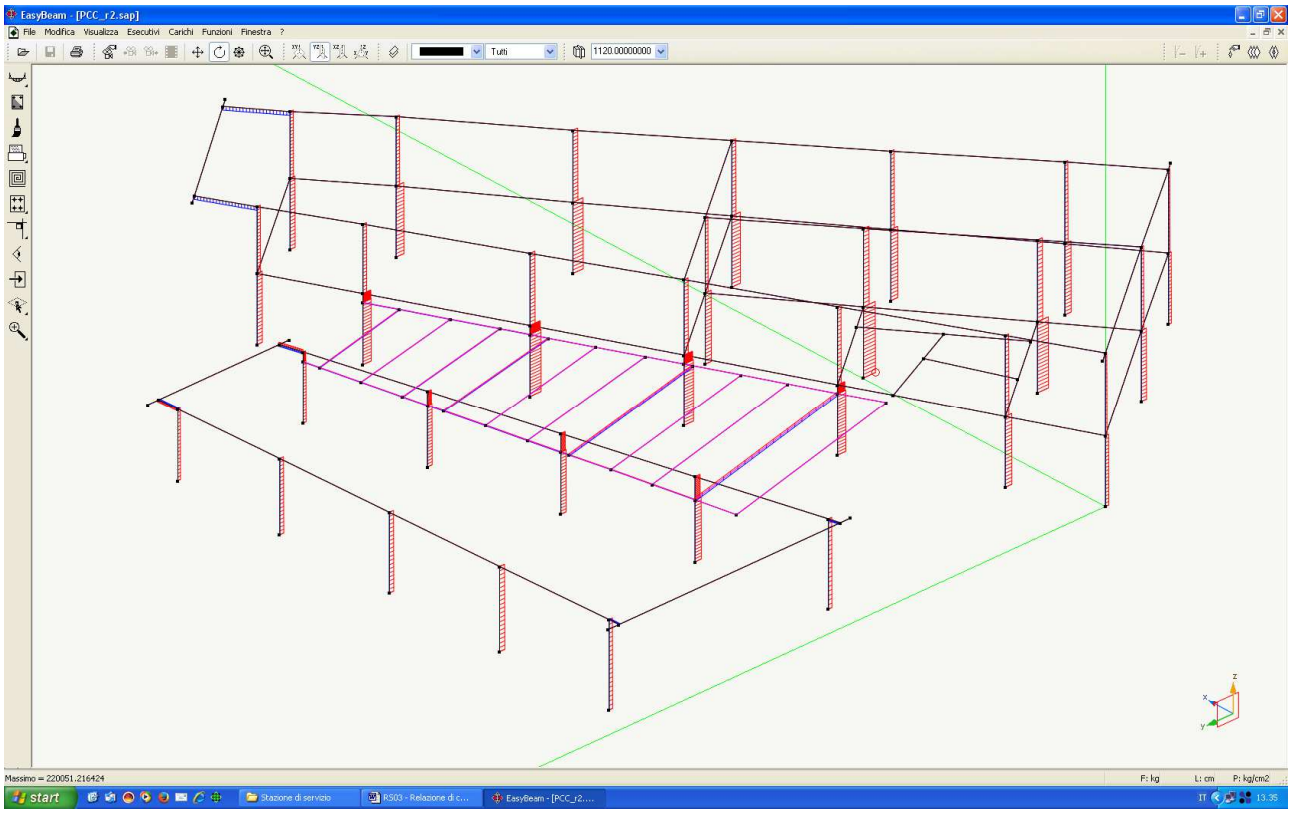


Diagramma Inviluppo degli Sforzi Assiali

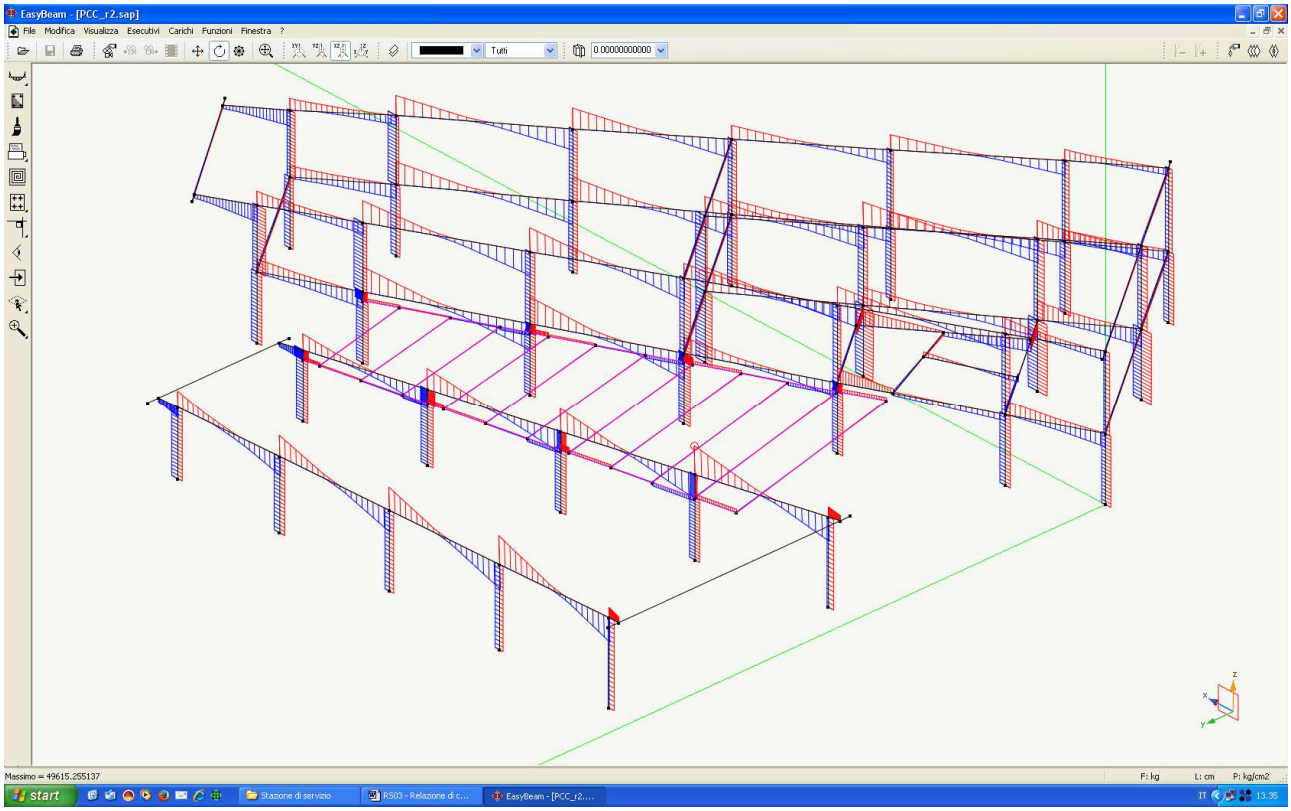


Diagramma Inviluppo del Taglio nel piano XZ

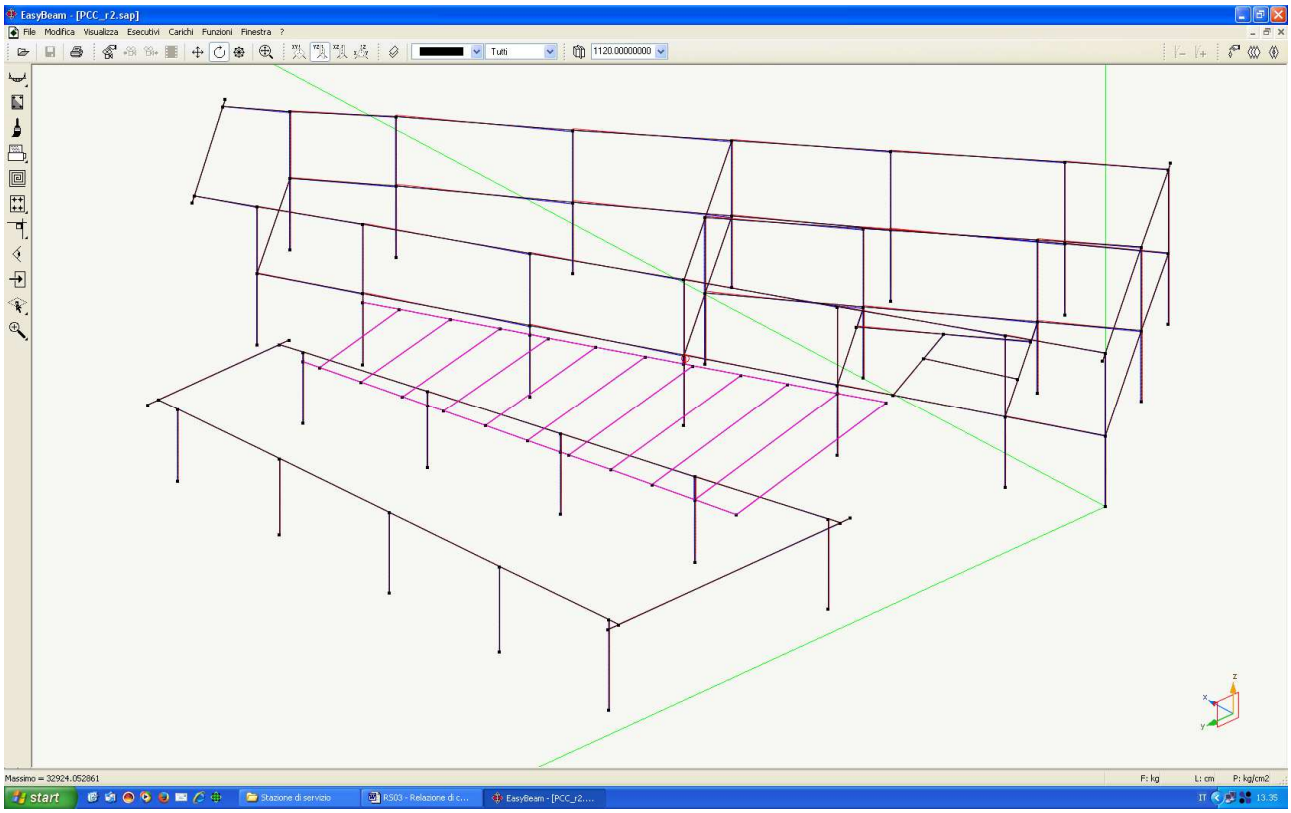
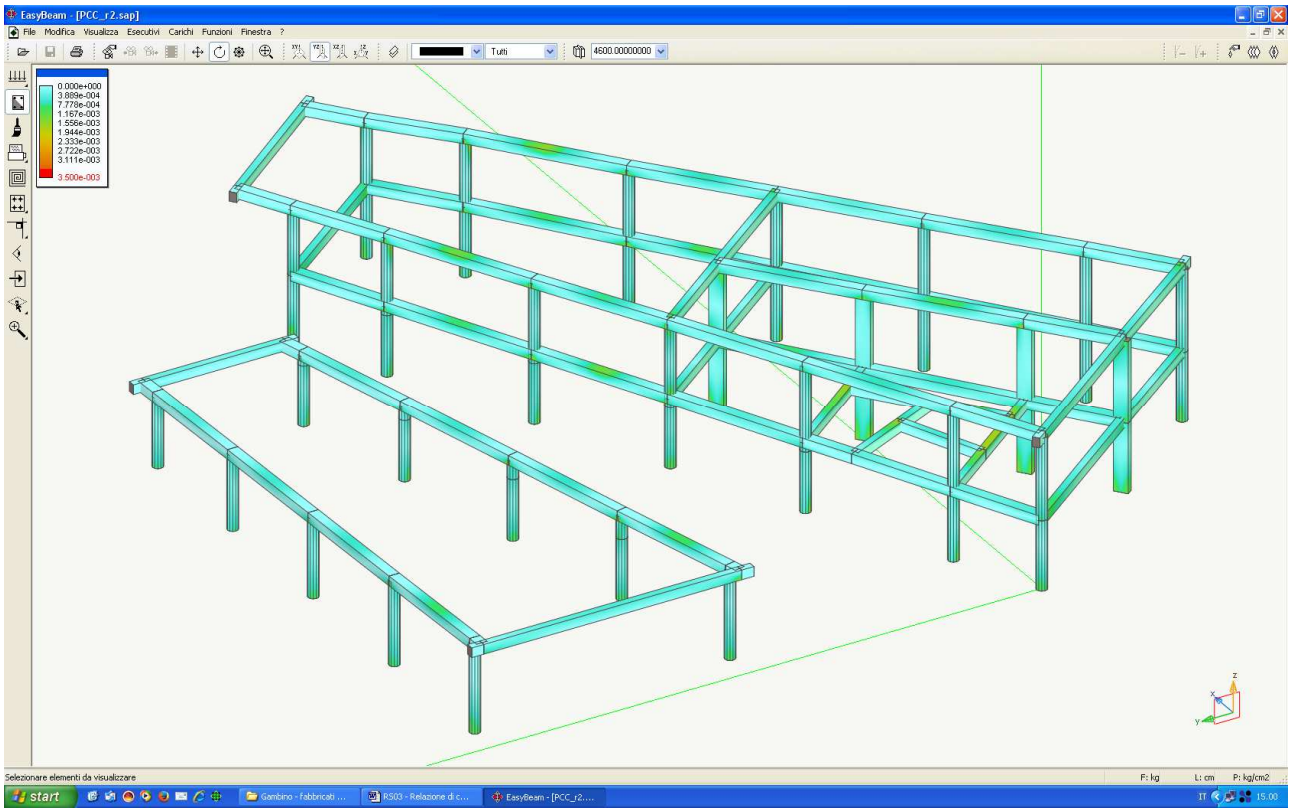


Diagramma Inviluppo del Taglio nel piano YZ

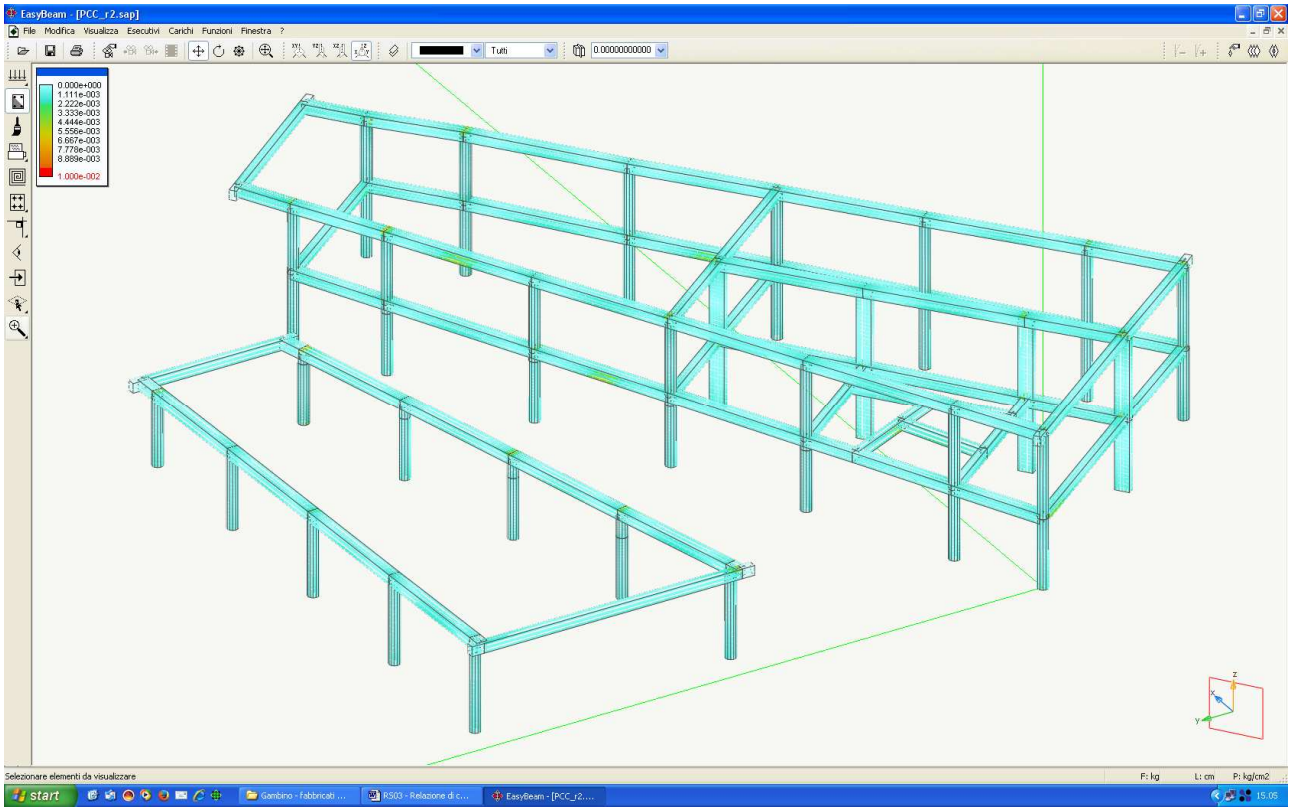
Verifiche di resistenza allo Stato Limite Ultimo

La verifica delle travi e dei pilastri sono riportate negli allegati analitici di calcolo.

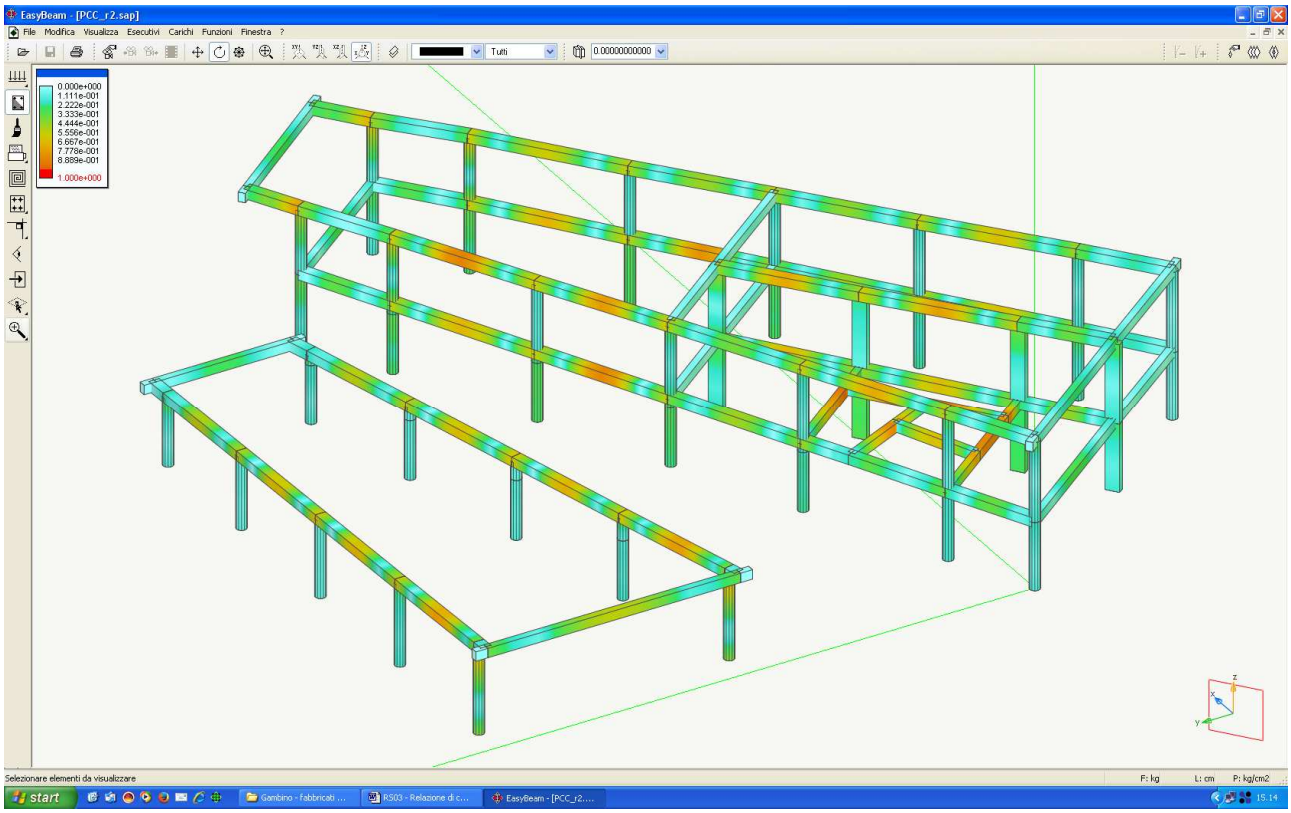
Nelle immagini che seguono vengono riportate i risultati delle verifiche degli elementi visualizzate globalmente cioè sull'intera struttura con esplicitati i valori massimi delle diverse grandezze caratteristiche in gioco.



Massima deformazione nel calcestruzzo



Massima deformazione nell'acciaio



Coefficiente di sfruttamento

Tale coefficiente va inteso come rapporto tra azioni agenti (Nx, My, Mz) agente e resistenza ultima ed è quindi l'inverso del coefficiente di sicurezza. Valori pertanto superiori ad 1 indicano che la sezione non è verificata. I valori superiori ad 1 sono sempre rappresentati in colore rosso. Il colore rosso indica anche un eventuale errore nel calcolo.

Il fattore di sicurezza viene valutato costruendo la funzione del dominio di rottura e verificando il fattore di sicurezza per tutte le combinazioni di carico di progetto. Il valore minimo del fattore di sicurezza (massimo del fattore di sfruttamento) viene espresso in colore.

Il calcolo del fattore di sicurezza avviene considerando il punto di carico (Nx, My, Mz). La misura del fattore di sicurezza avviene lungo la retta che congiunge questo punto con l'origine nello spazio delle sollecitazioni. L'intersezione di tale retta con il confine del dominio di rottura determina il punto limite. Il rapporto tra la distanza di tale punto dall'origine e la distanza del punto di carico, determina il fattore di sicurezza.

Questa verifica è la più sofisticata e accurata possibile in quanto fornisce in una visione sintetica della reale sicurezza dell'elemento. Infatti la verifica avviene sul dominio di rottura considerando tutte le componenti di sforzo.

Verifiche per lo Stato Limite di Esercizio: Fessurazione

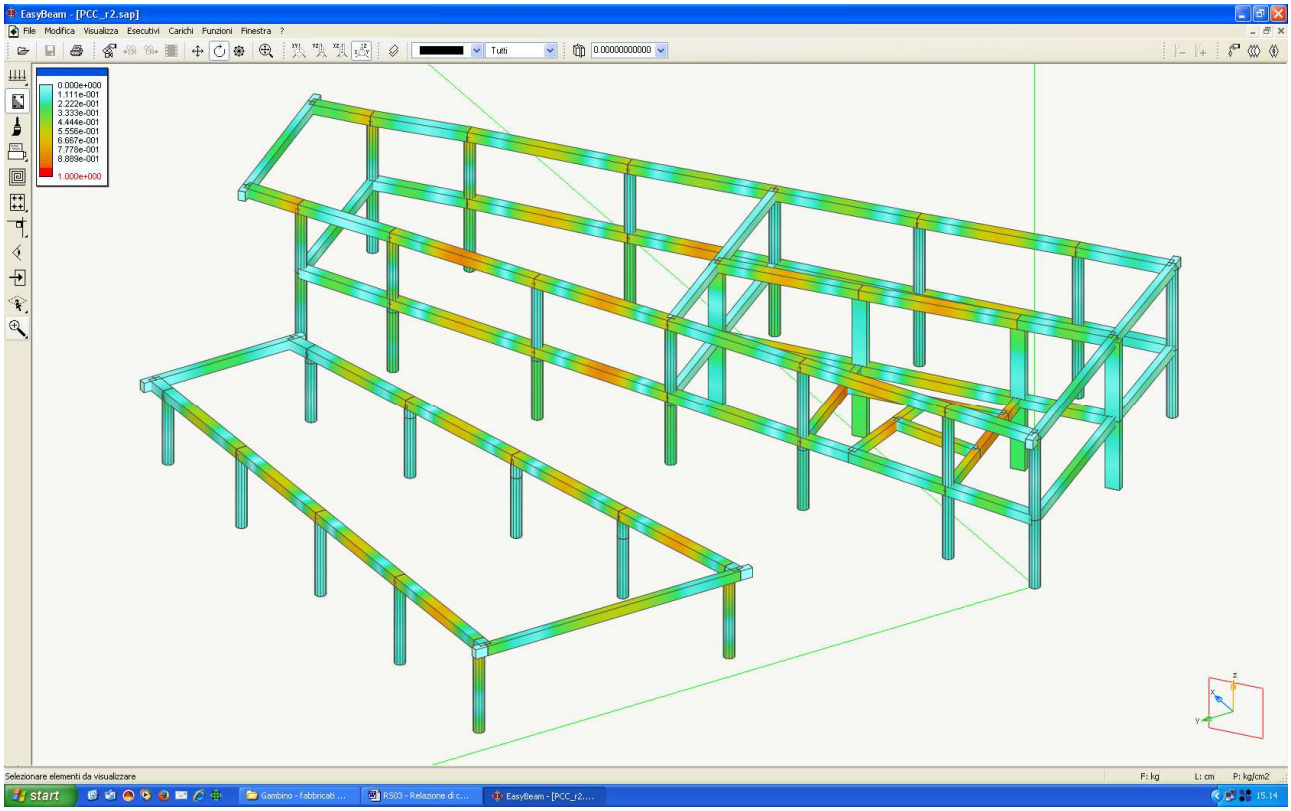
Secondi quanto dettato dal DM 14/01/2008 si considera per la struttura in esame le seguenti esigenze:

Ambiente:	Ordinario
Gruppo esigenze:	A
Sensibilità armatura:	Poco sensibile

queste comportano il controllo dei seguenti stati limite:

combinazione di carico:	Stato limite: apertura fessure
Frequente	≤ w3=0.4mm
Quasi permanente	≤ w2=0.3mm

Le figura riportata di seguito riassume quanto su riportato.



Fessurazione

Verifiche per lo Stato Limite di Esercizio: Tensioni di esercizio

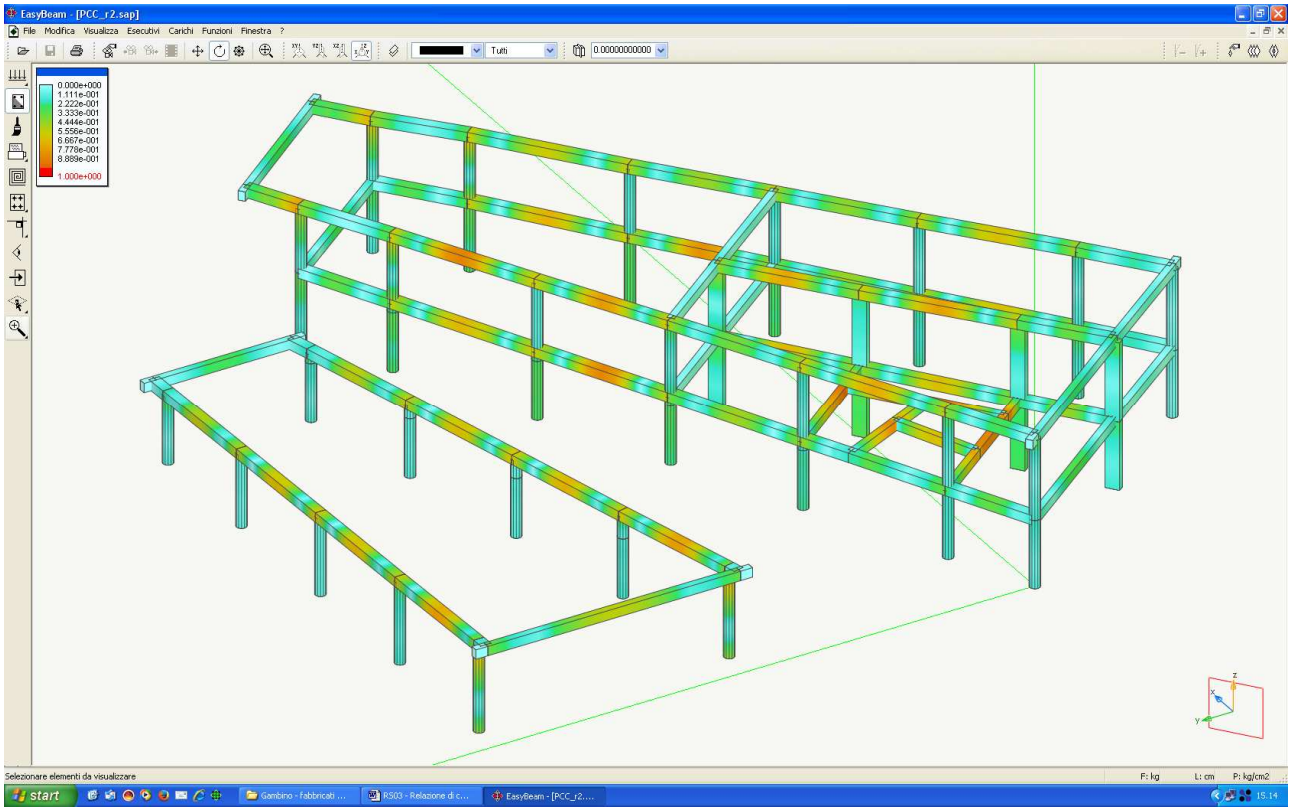
Per la struttura in esame che come detto è esposta ad ambiente del gruppo A sono stati rispettati (vedi figura seguente e tabulati analitici) i seguenti limiti di compressione nel calcestruzzo:

combinazione di carico rara 0.600 f_{ck}

combinazione di carico quasi permanente: 0.450 f_{ck}

e di trazione nell'acciaio

combinazione di carico rara 0.800 fyk



tensioni di esercizio della struttura

Verifiche Sismiche degli elementi: Duttilità e capacità di spostamento

Questa condizione è soddisfatta in quanto sono state applicate le regole specifiche di progettazione relative agli edifici in cemento armato.

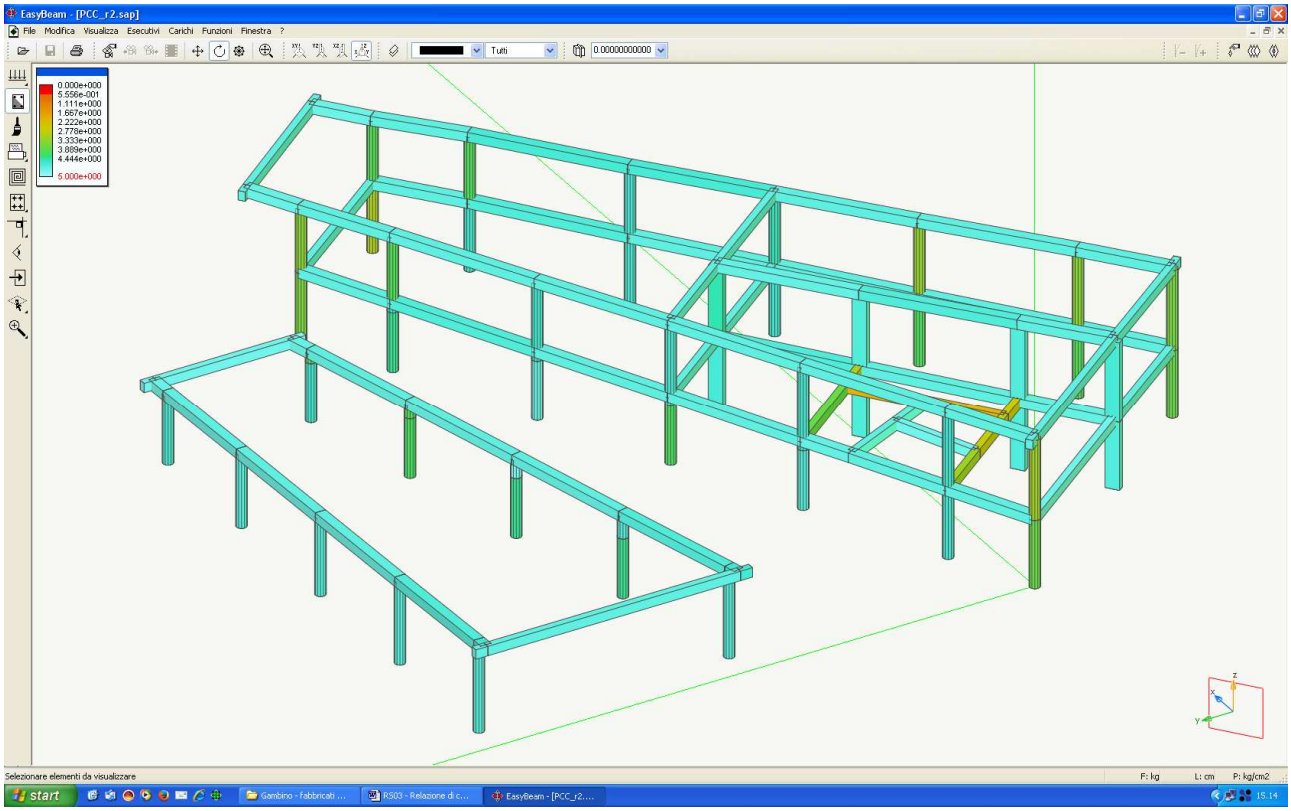
Si riporta nella figura che segue la verifica del fattore di duttilità di sezione, inteso come rapporto tra la curvatura ultima e quella corrispondente al primo snervamento dell'acciaio.

Esso è valutato sull'elemento come risultato del calcolo di tale fattore per molte sezioni dell'elemento stesso.

In figura viene rappresentato l'INVERSO della duttilità per avere il valore unitario come fondo scala. Ne consegue che minore è il valore rappresentato (colori più freddi) maggiore è la duttilità.

Il valore di duttilità della sezione dipende dal piano di sollecitazione considerato. Quindi si hanno infiniti valori. Il valore rappresentato è invece unico in quanto si rappresenta il valore più significativo per il progetto e cioè quello corrispondente al piano di sollecitazione di progetto che è dato dalla direzione della componente dei momenti flettenti e che può essere diverso in ogni sezione. Il calcolo viene effettuato per TUTTE le combinazioni di progetto e viene esposto il valore di duttilità MINORE (il valore maggiore nella scala).

Si tiene ovviamente conto della forza assiale che ha una forte influenza sulla duttilità.



Mappatura a colori della duttilità di sezione

Verifica struttura in acciaio

La verifica delle membrature metalliche di questa struttura e' stata condotta con il programma EasySteel prodotto dalla Softing S.r.l. di Roma.
La verifica delle travi sono riportate nell'allegato analitico di calcolo.
EasySteel è un programma per la verifica delle membrature strutturali e dei giunti di strutture in acciaio. EasySteel è un post processore di Nòlian che acquisisce direttamente il modello di calcolo e gli stati di sollecitazione da Nòlian operando pertanto sui dati di un modello ad elementi finiti di una struttura tridimensionale del tutto generale comunque sollecitata.
La verifica delle membrature strutturali e' stata effettuata tenendo conto del D.M. 14/01/2008 considerando la struttura situata in zona sismica con classe di duttilità bassa.
Le unita' di misura adottate per la struttura sono il kg ed il cmcm, per le pressioni kg/cm^2.

Si e' utilizzato un acciaio tipo S275 avente una resistenza di snervamento di 2804.220kg/cm^2 e una resistenza di collasso di 4384.780kg/cm^2

I coefficienti di sicurezza parziale e il fattore di sovraresistenza sono riportati di seguito:

- coefficiente di sicurezza parziale resistenza delle sezioni di classe 1,2,3,4

1.050

- coefficiente di sicurezza parziale per resistenza all'instabilità delle membrature
  1.050
- coeff. di sicur. parz. per resistenza nei riguardi della frattura delle sezioni tese indebolite da fori
  1.250
- fattore di sovraresistenza
  1.150

Si ricorda che le unità di misura sono espressi in kg e cm.

Diagrammi Inviluppo per le Combinazioni dei Carichi agli SLU

Qui di seguito vengono riportati i diagrammi inviluppo delle sollecitazioni associate alle combinazioni di carico considerate ai fini degli Stati Limite Ultimi.

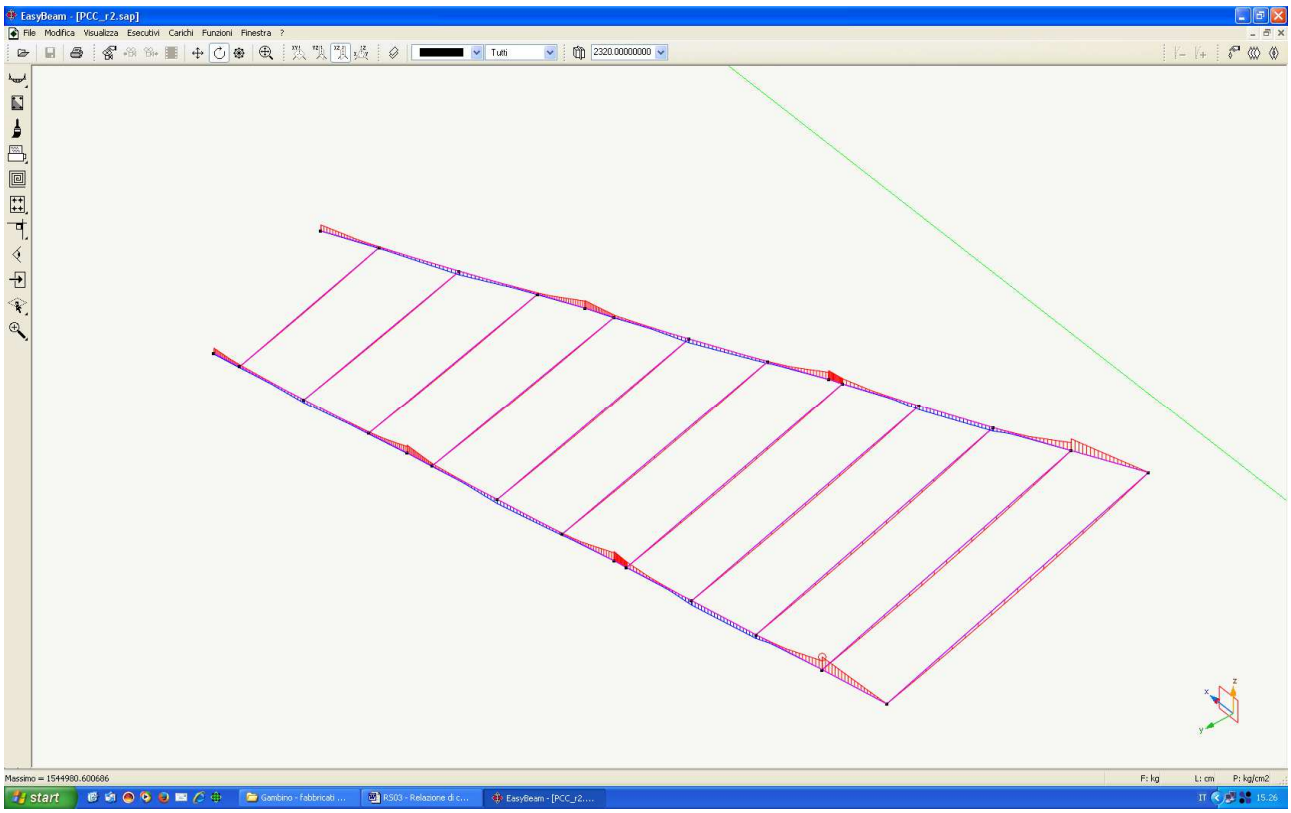


Diagramma Inviluppo dei Momenti nel piano XZ

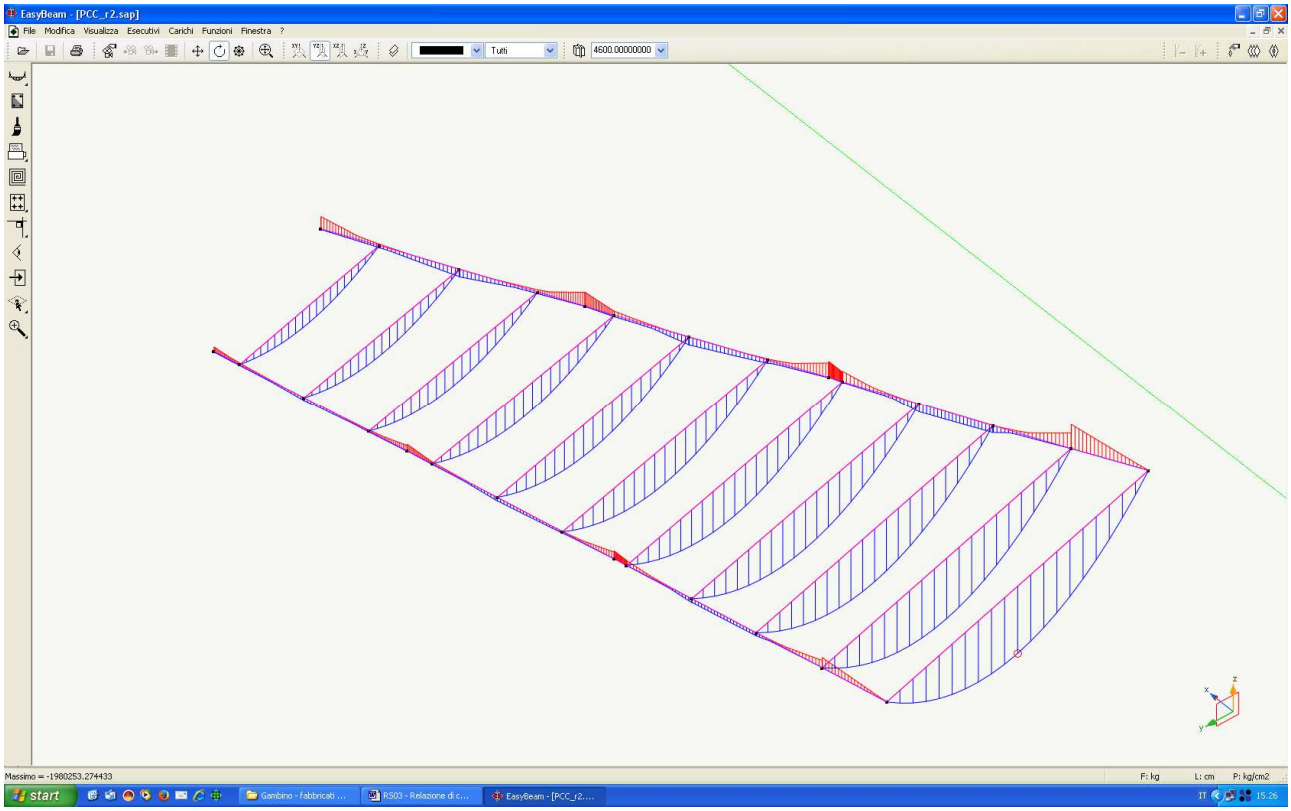


Diagramma Inviluppo dei Momenti nel piano YZ

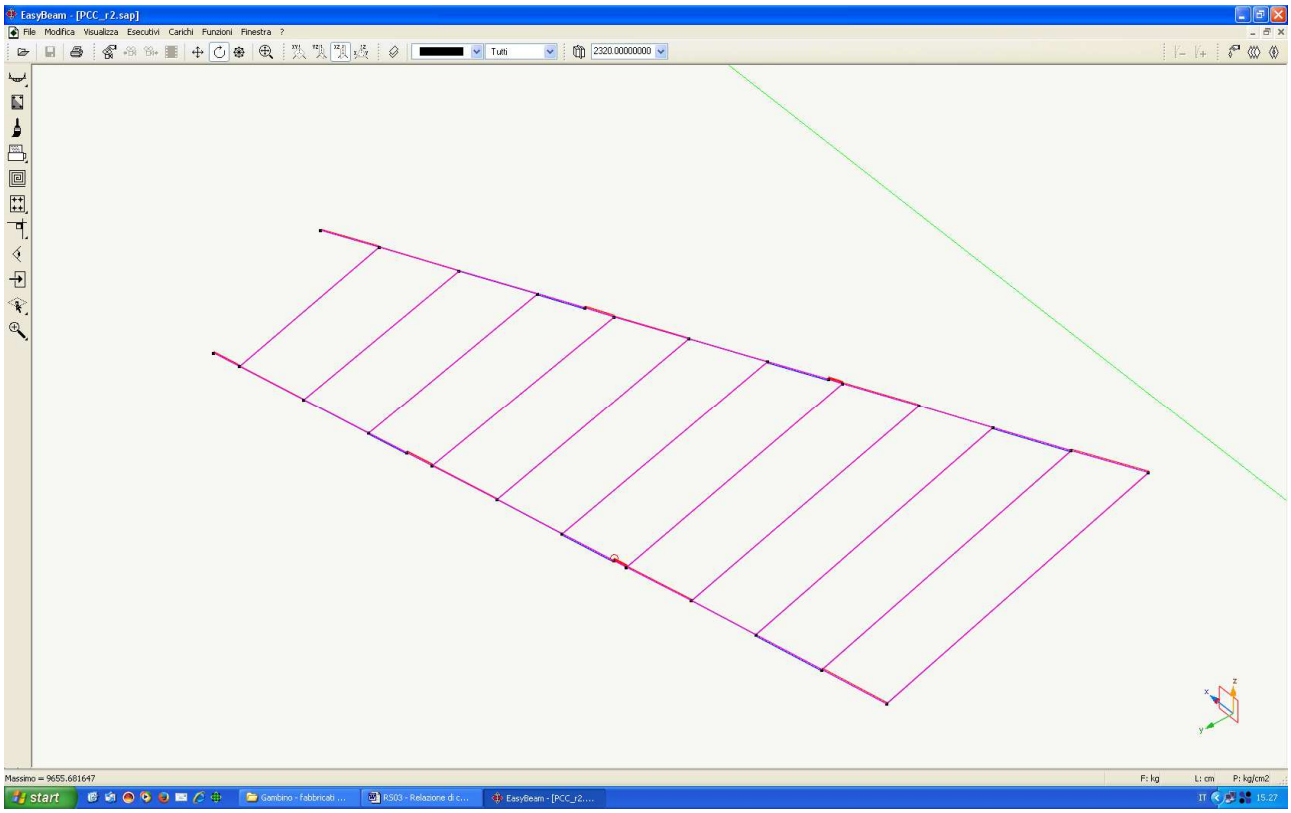


Diagramma Inviluppo del Taglio nel piano XZ

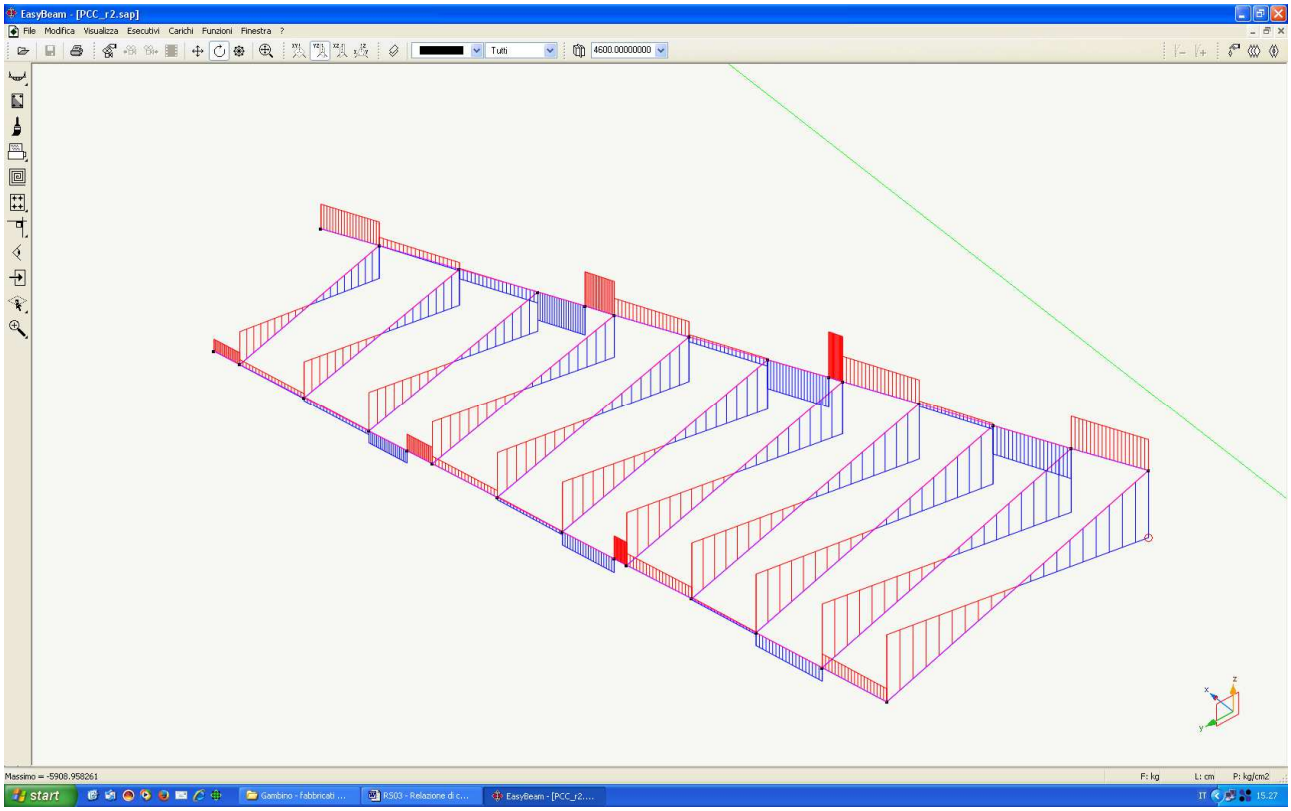


Diagramma Inviluppo del Taglio nel piano YZ

Verifiche di resistenza allo Stato Limite Ultimo

La verifica degli elementi costituenti la struttura in acciaio sono riportate nell'allegato analitico di calcolo di EasySteel.

Nelle immagini che seguono vengono riportati i risultati delle verifiche degli elementi condotte per più criteri di resistenza contemporaneamente. La verifica avviene per più sezioni dell'elemento e per tutte le combinazioni di carico. Per ogni criterio vengono rappresentati i valori massimi ottenuti per tutte le sezioni e per tutte le combinazioni di carico. I risultati sono espressi sempre in termini di criteri di verifica e cioè come numeri positivi che esprimono il rapporto tra azione agente ed azione resistente. Un valore maggiore di 1 indica quindi che l'azione supera le capacità di resistenza ed è rappresentato con il colore rosso. Le verifiche che vengono eseguite sono le seguenti:

- resistenza tenso-presso-flessionale deviata
- resistenza assiale
- resistenza a taglio / taglio sismico
- instabilità tenso-presso-flessionale
- instabilità flesso-torsionale
- instabilità a taglio

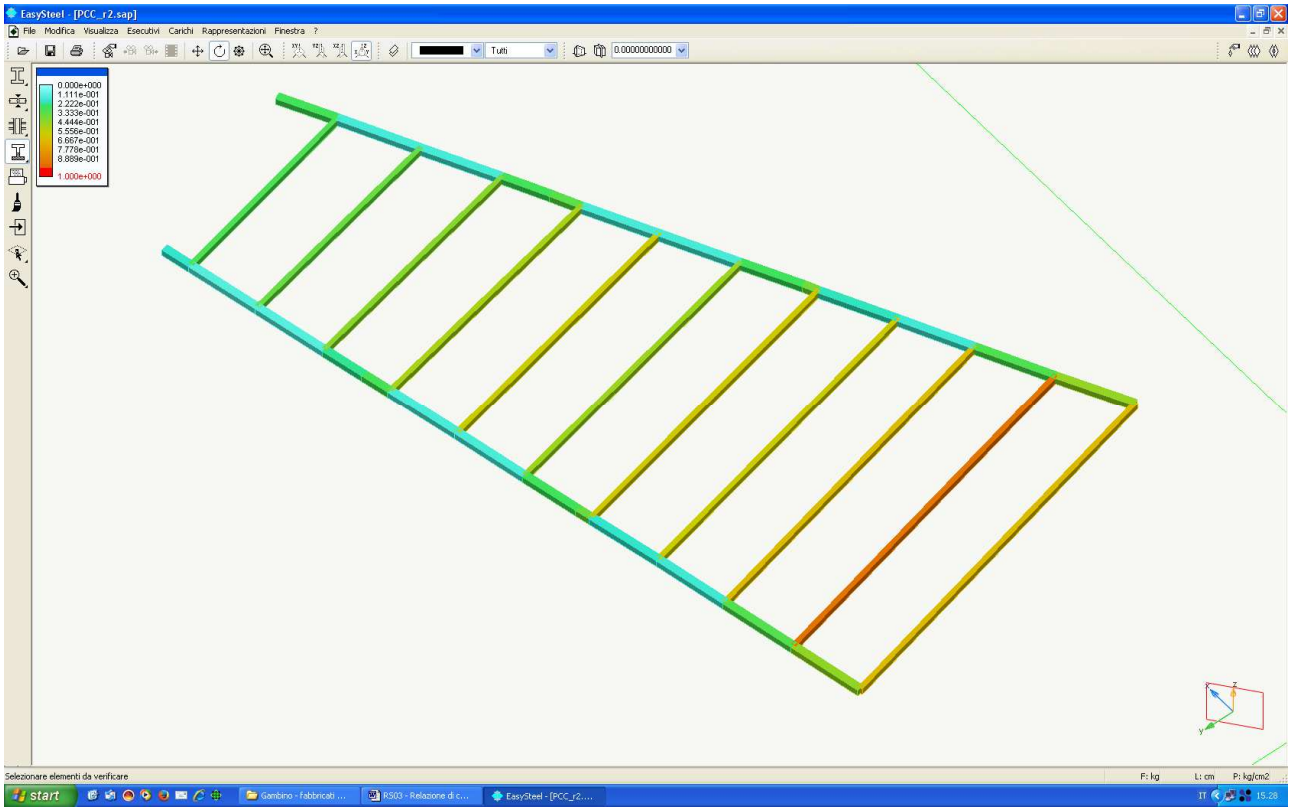


Diagramma di inviluppo - Verifica agli SLU

Verifica pali di fondazione

La verifica viene effettuata confrontando i valori massimi delle azioni assiali sul singolo palo con i valori di resistenza riportati nel paragrafo 4.2.

Si riportano i diagramma delle azioni massime combinate allo SLU per i pali tipo D:

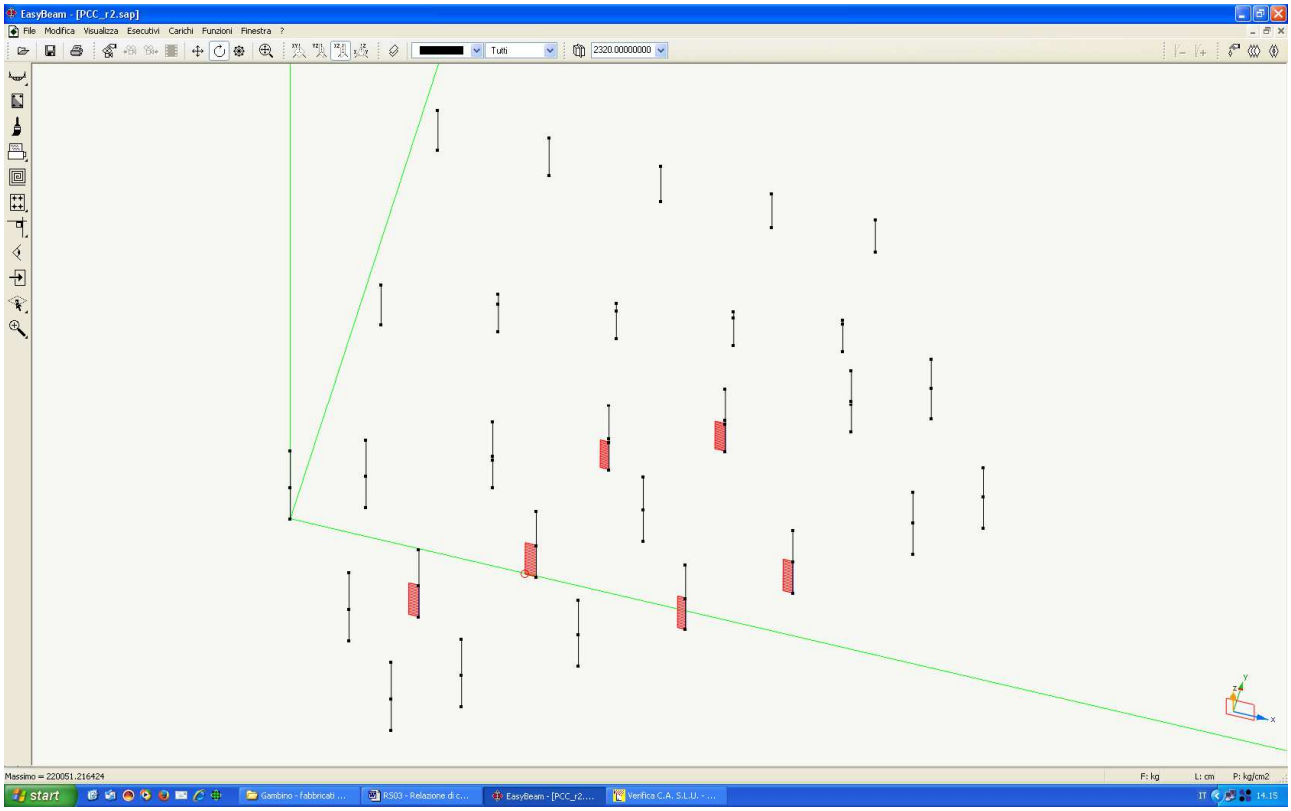


Diagramma Inviluppo degli Sforzi Assiali nei pali tipo D

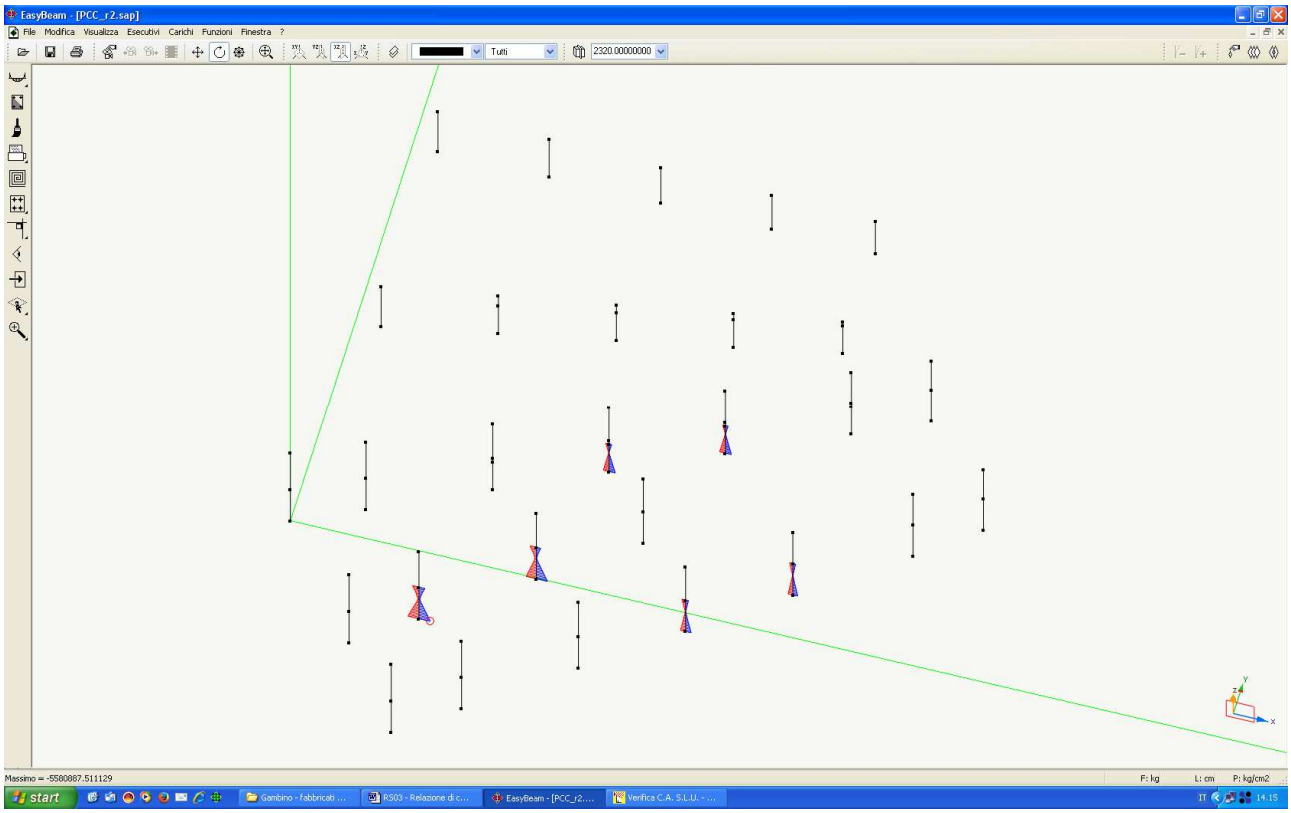


Diagramma Inviluppo dei Momenti flettenti nel piano XZ nei pali tipo D

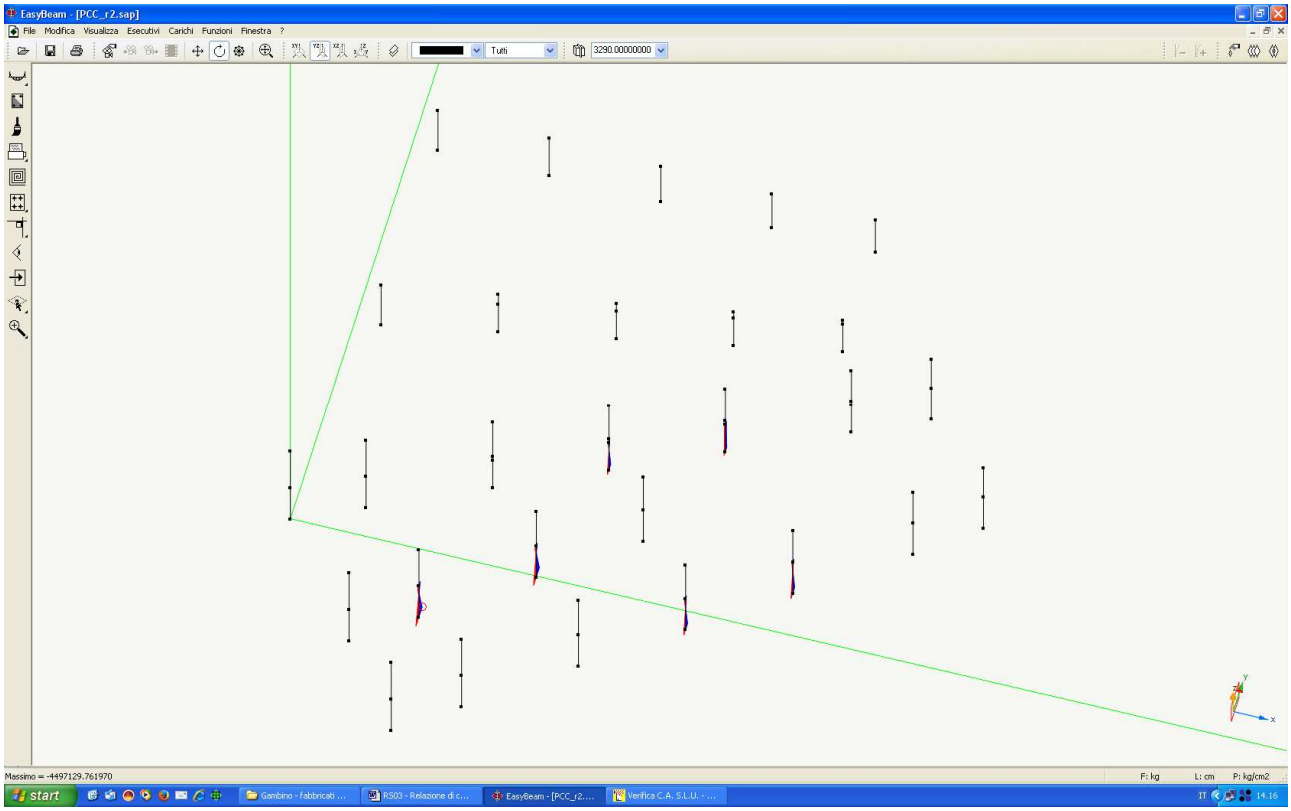


Diagramma Inviluppo dei Momenti flettenti nel piano YZ nei pali tipo D

Il valore massimo dello sforzo è pari a :

<u>Palo tipo D ϕ1200 L=12m</u>

Ed_{SLU} = 220t < Rd_{SLU} = 223t

La verifica è soddisfatta.

Si riporta anche la verifica relativa agli SLE:

<u>Palo tipo D ϕ1200 L=12m</u>

Ed_{SLE} = 169t < Qamm = 183t

La verifica è soddisfatta.

Si riportano i diagramma delle azioni massime combinate allo SLU per i pali tipo C:

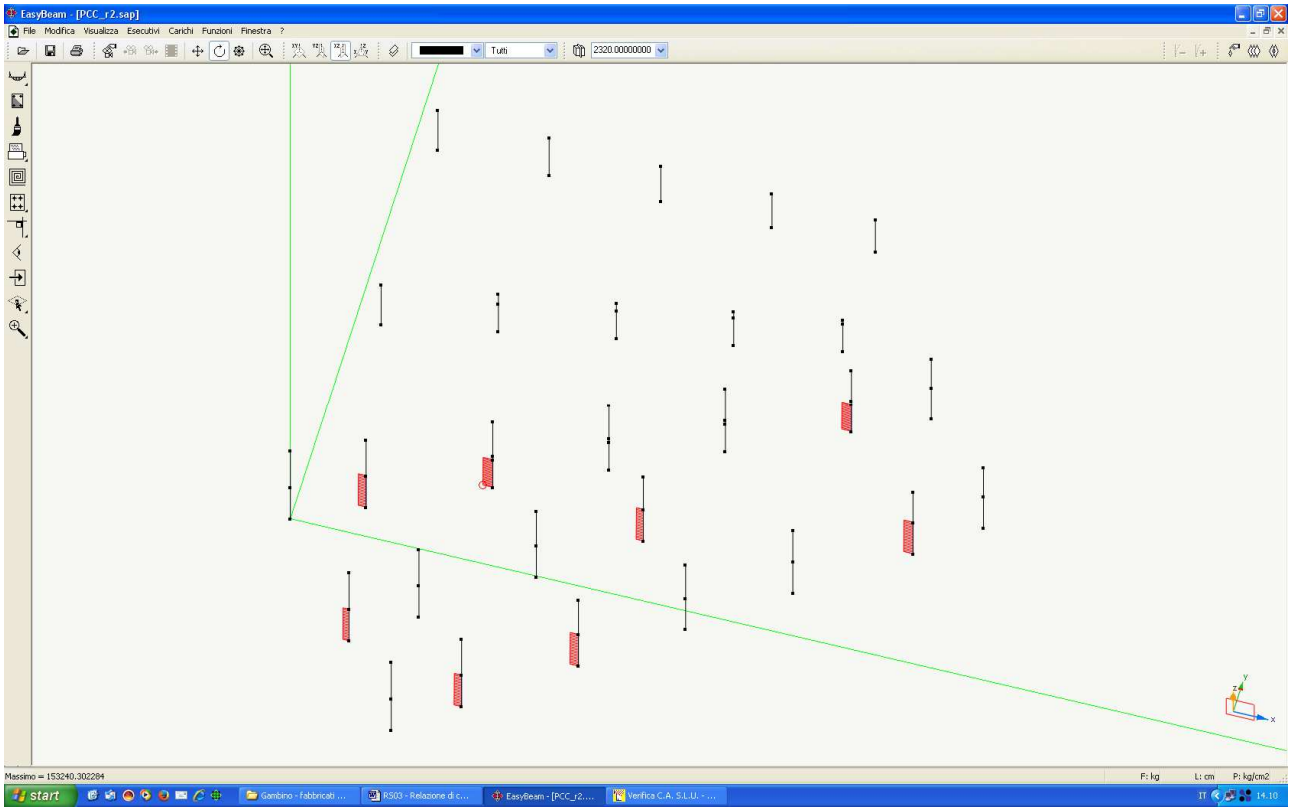


Diagramma Inviluppo degli Sforzi Assiali nei pali tipo C

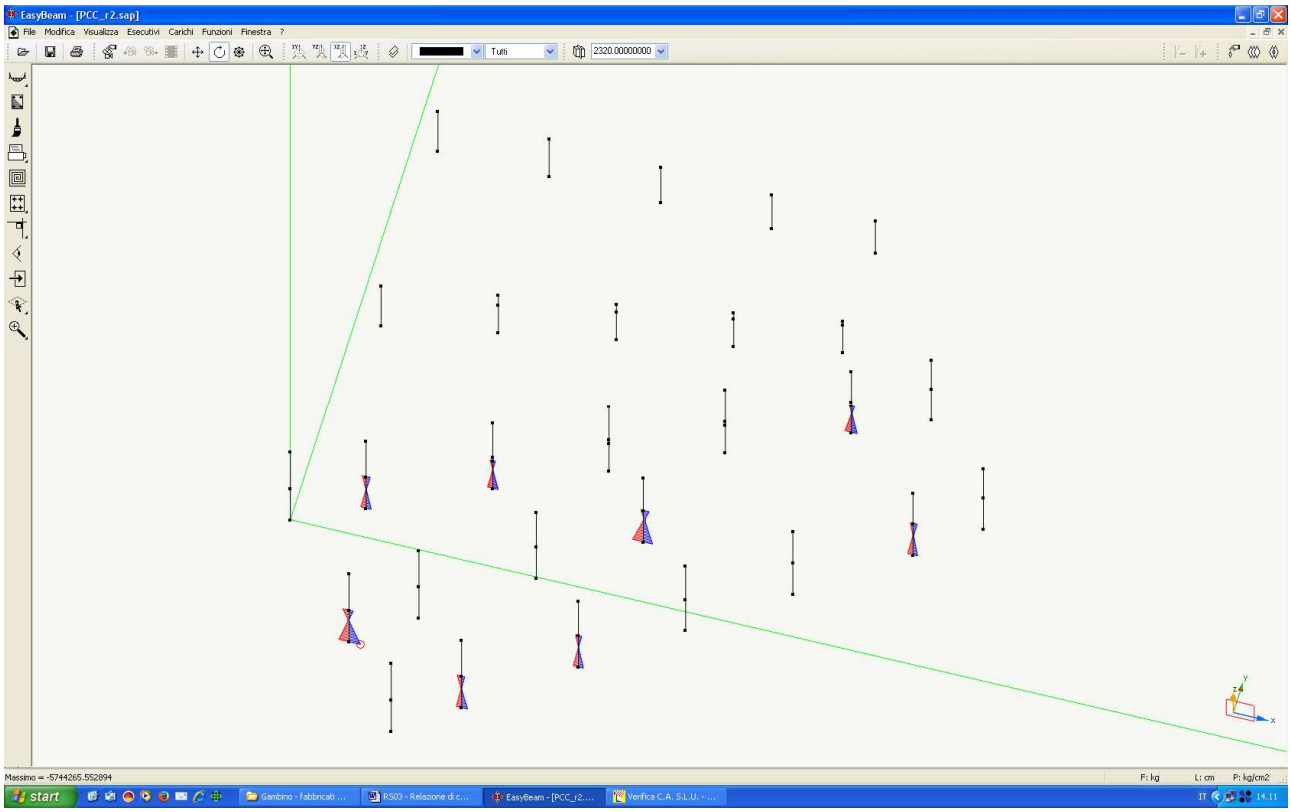


Diagramma Inviluppo dei Momenti flettenti nel piano XZ nei pali tipo C

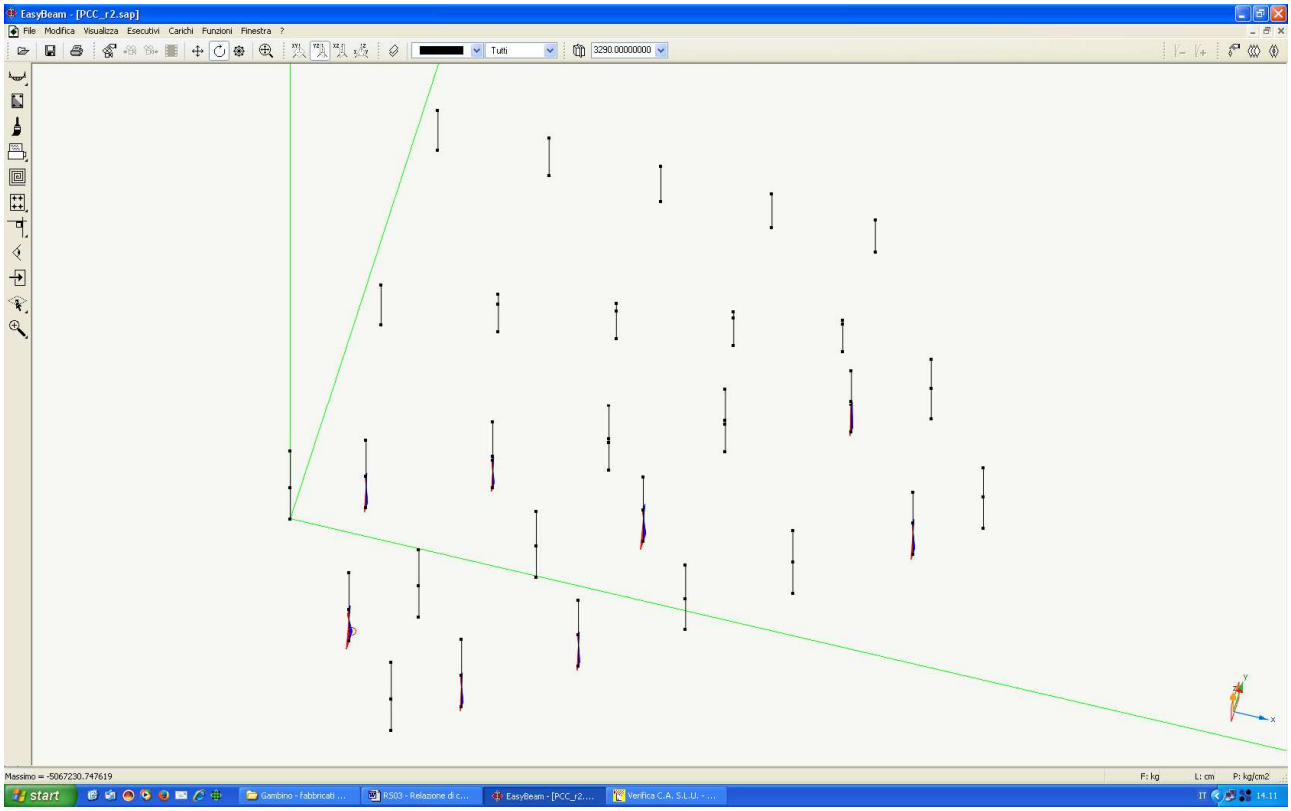


Diagramma Inviluppo dei Momenti flettenti nel piano YZ nei pali tipo C

Il valore massimo dello sforzo è pari a :

<u>Palo tipo C ϕ1000 L=12m</u>

Ed_{SLU} = 153t < Rd_{SLU} = 164t

La verifica è soddisfatta.

Si riporta anche la verifica relativa agli SLE:

<u>Palo tipo C ϕ1000 L=12m</u>

Ed_{SLE} = 114t < Qamm = 134t

La verifica è soddisfatta.

Si riportano i diagramma delle azioni massime combinate allo SLU per i pali tipo B:

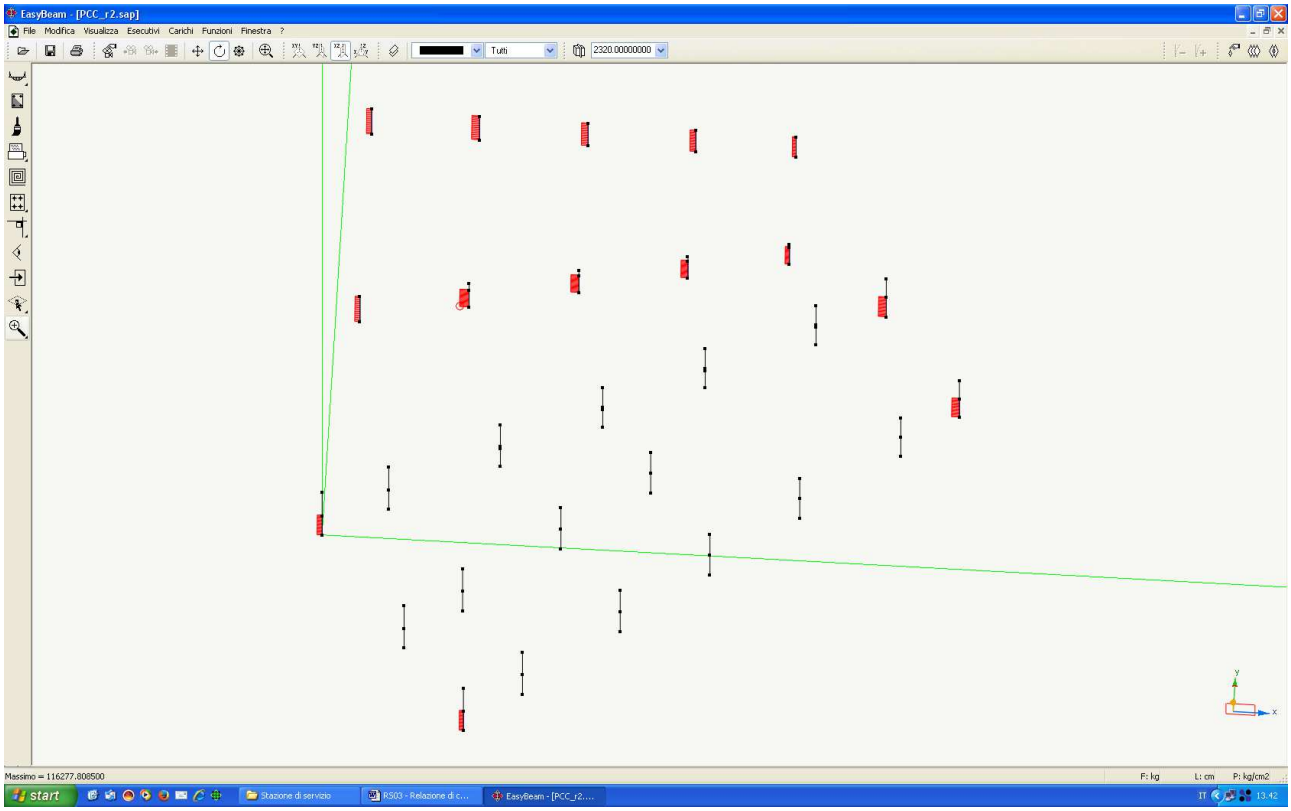


Diagramma Inviluppo degli Sforzi Assiali nei pali tipo B

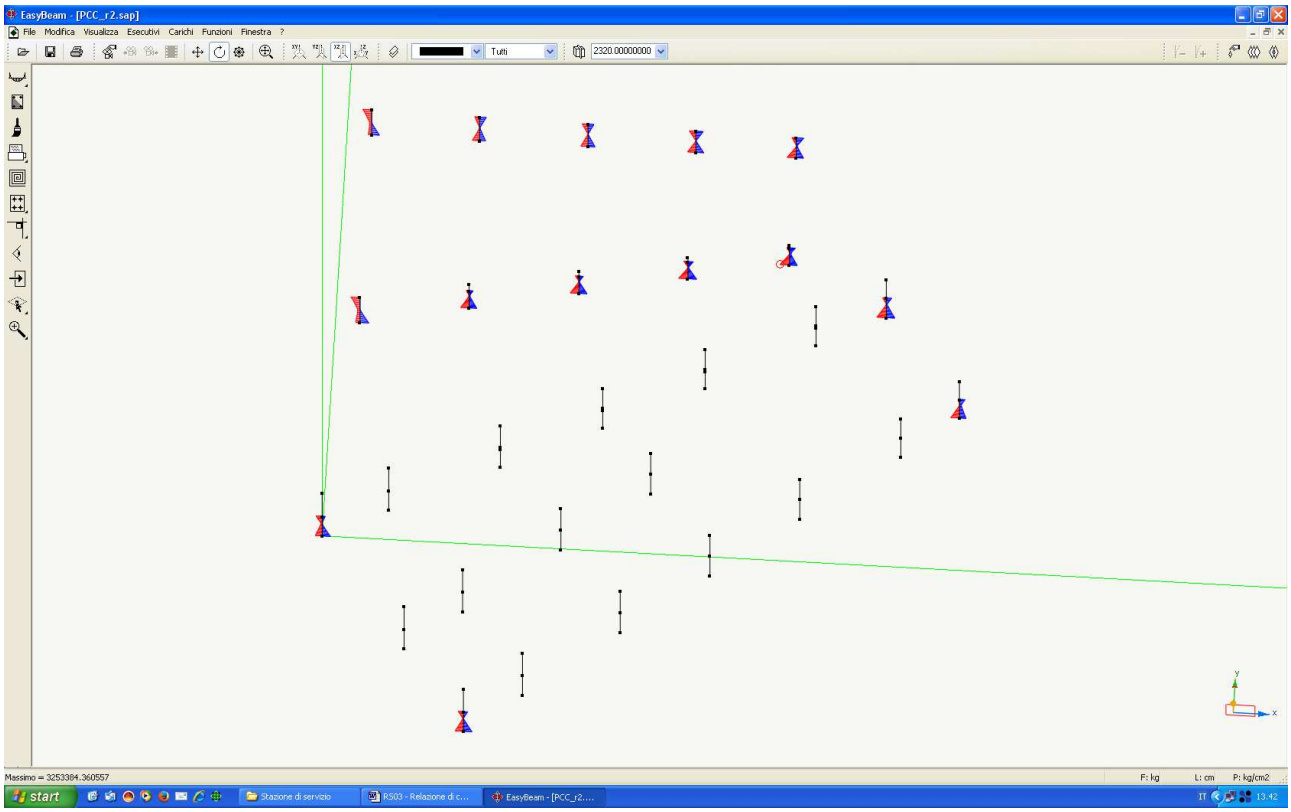


Diagramma Inviluppo dei Momenti flettenti nel piano XZ nei pali tipo B

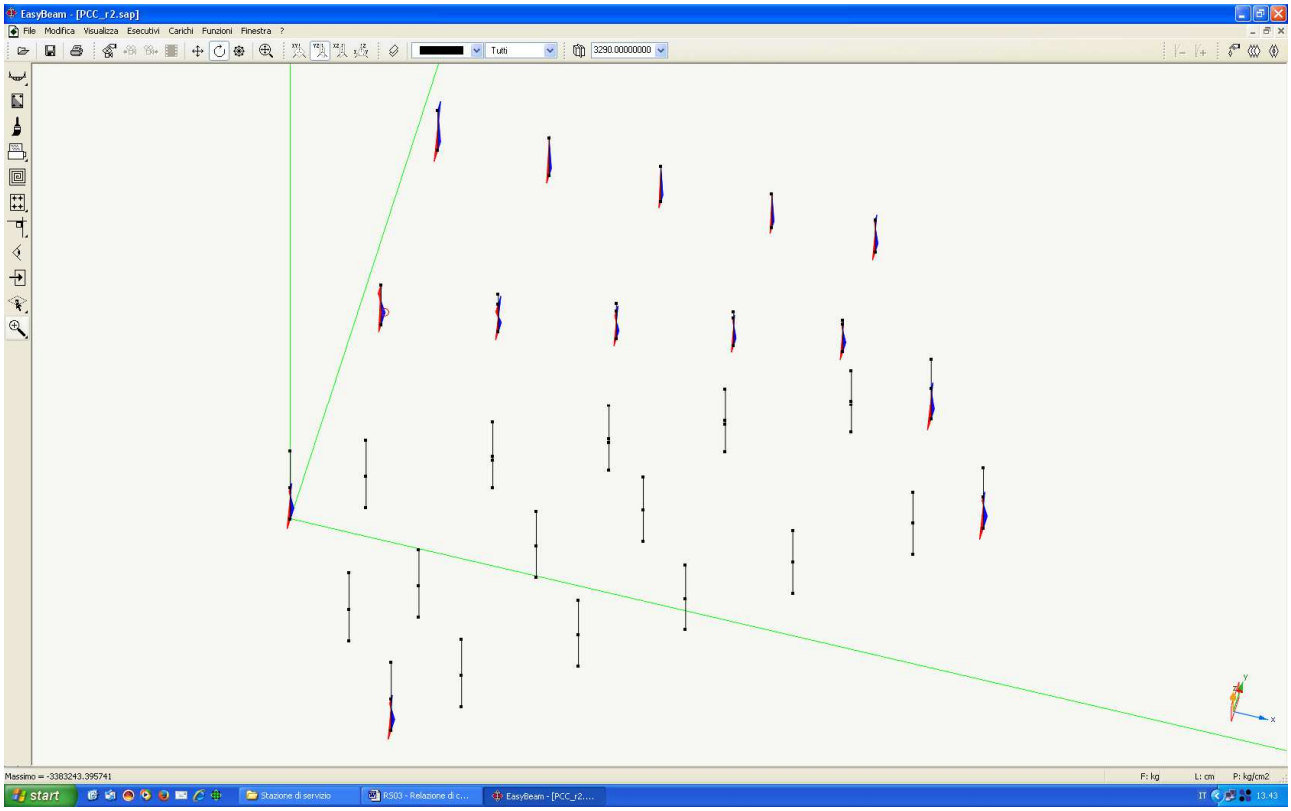


Diagramma Inviluppo dei Momenti flettenti nel piano YZ nei pali tipo B

Il valore massimo dello sforzo è pari a :

<u>Palo tipo B ϕ800 L=12m</u>

Ed_{SLU} = 116t < Rd_{SLU} = 123t

La verifica è soddisfatta.

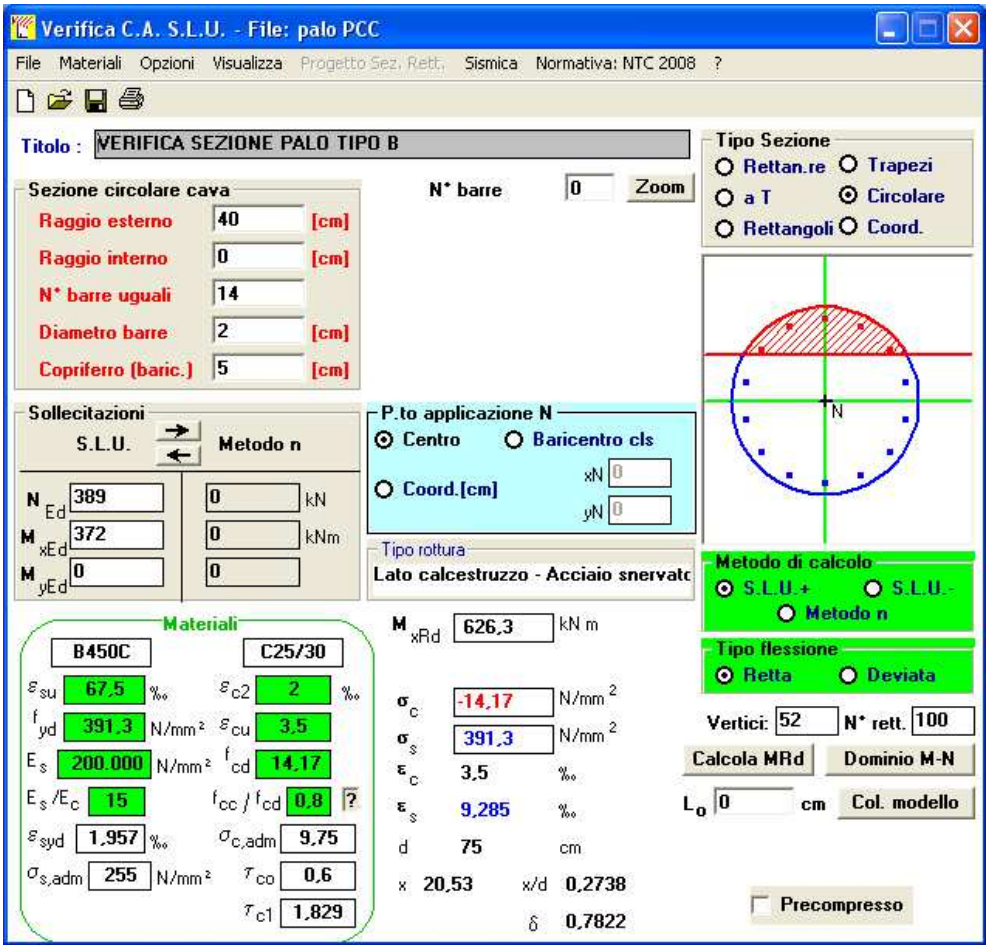
Si riporta anche la verifica relativa agli SLE:

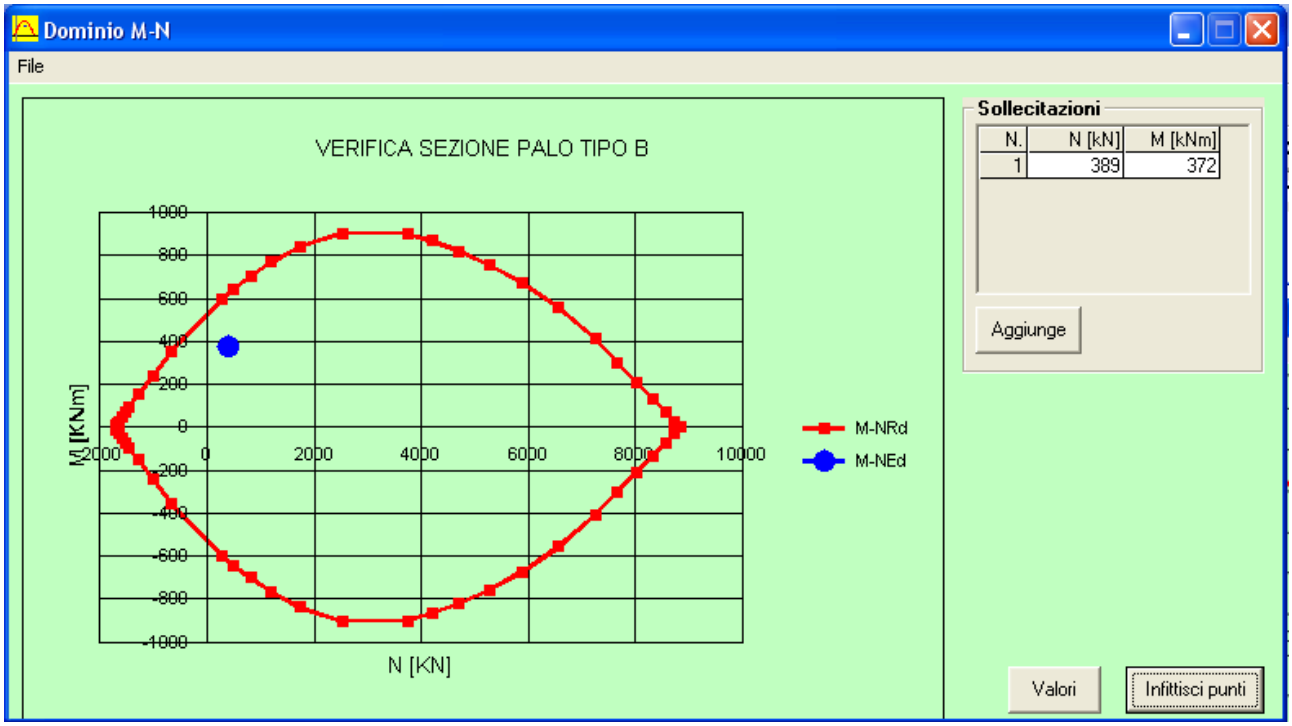
<u>Palo tipo B ϕ800 L=12m</u>

Ed_{SLE} = 84t < Qamm = 94t

La verifica è soddisfatta.

Si riporta la verifica della sezione del palo maggiormente sollecitata ad azione flettente:





La verifica è soddisfatta.

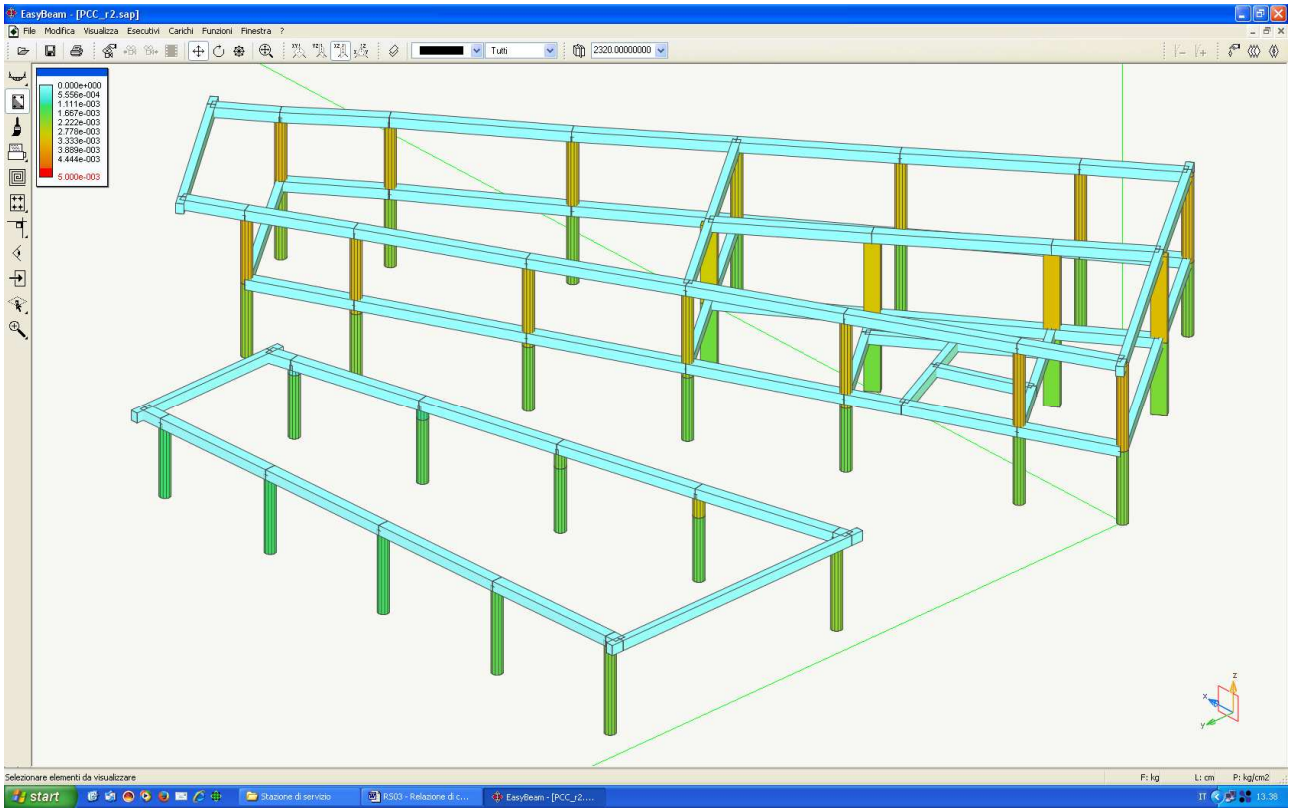
Verifica allo Stato Limite di Danno (S.L.D.)

Si verifica imponendo che lo spostamento strutturale di interpiano sia limitato in modo da non provocare danni che rendano temporaneamente inagibile l'edificio; tale spostamento per un edificio con tamponamenti collegati rigidamente alla struttura deve essere:

$$dr < 0.005\ hi$$

in cui dr è il valore dello spostamento relativo ed hi è l'altezza interpiano.

Tale spostamento è conseguente a una azione sismica con spettro di progetto SLDh e vale per le combinazioni di carico definite nei paragrafi precedenti.



La verifica è soddisfatta

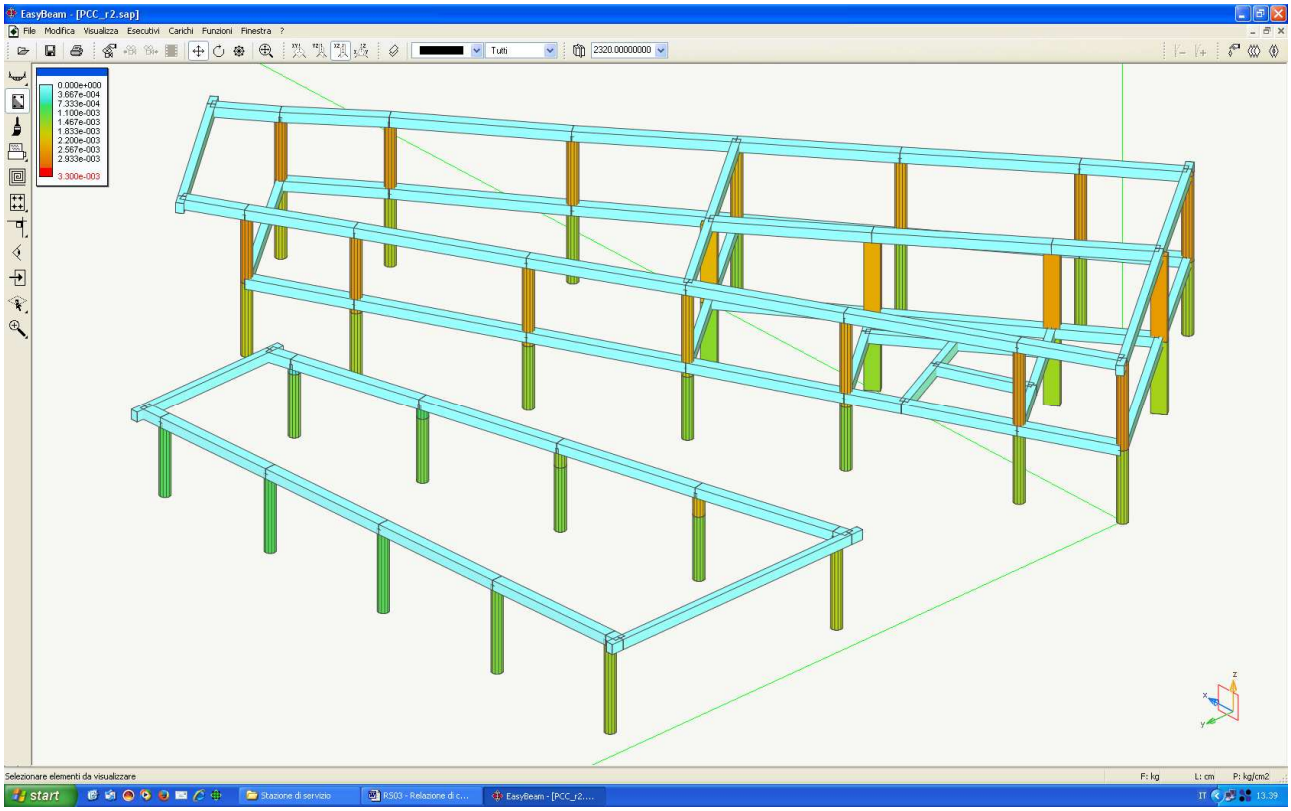
Verifica allo Stato Limite di Operatività (S.L.O.)

Si verifica imponendo che lo spostamento strutturale di interpiano sia limitato in modo da non provocare danni che rendano temporaneamente inagibile l'edificio; tale spostamento per un edificio con tamponamenti collegati rigidamente alla struttura deve essere:

$$dr < 0.0033\ hi$$

in cui dr è il valore dello spostamento relativo ed hi è l'altezza interpiano.

Tale spostamento è conseguente a una azione sismica con spettro di progetto SLOh e vale per le combinazioni di carico definite nei paragrafi precedenti.



La verifica è soddisfatta

Allegati di calcolo

PCC_r2.sap

Generato giovedì 5 settembre 2013 alle ore 12:38:37.
Nolian EWS 37 (14.02.2013) build 5121

COORDINATE E DATI DEI NODI (Fase 1)

Nodo	x	y	z	tx	ty	tz	rx	ry	rz	ms	fz	mm
1	1.8000e+002	3.1600e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
2	9.7000e+002	3.1600e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
3	1.7650e+003	3.1600e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
4	2.5550e+003	3.1600e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
5	3.2900e+003	3.1600e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
6	1.8000e+002	1.6900e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
7	9.7000e+002	1.8500e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
8	1.7650e+003	2.0100e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
9	2.5550e+003	2.1700e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
10	3.2900e+003	2.3200e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
11	0.0000e+000	0.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
12	4.7500e+002	2.3000e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
13	1.2700e+003	6.1500e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
14	2.0000e+003	9.6500e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
15	2.7300e+003	1.3200e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
16	3.5200e+003	1.7050e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
17	4.0200e+003	1.9500e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
18	6.5000e+002	-8.4500e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
19	1.0600e+003	-5.3000e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
20	1.7500e+003	-5.0000e+000	0.0000e+000	1	1	1	1	1	1	0	0	0
21	2.3800e+003	4.7000e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
22	1.1200e+003	-1.4650e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
23	1.5350e+003	-1.1550e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
24	2.2200e+003	-6.2500e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
25	2.8500e+003	-1.4500e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
26	3.4800e+003	3.3500e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
27	4.1900e+003	8.6000e+002	0.0000e+000	1	1	1	1	1	1	0	0	0
28	4.6000e+003	1.1900e+003	0.0000e+000	1	1	1	1	1	1	0	0	0
29	9.7000e+002	3.1600e+003	4.8000e+002	0	0	0	0	0	0	105	0	0
30	2.5550e+003	3.1600e+003	4.3000e+002	0	0	0	0	0	0	105	0	0
31	0.0000e+000	0.0000e+000	4.0000e+002	0	0	0	0	0	0	123	0	0
32	6.5000e+002	-8.4500e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
33	1.1200e+003	-1.4650e+003	4.0000e+002	0	0	0	0	0	0	123	0	0
34	1.5350e+003	-1.1550e+003	4.0000e+002	0	0	0	0	0	0	123	0	0
35	1.0600e+003	-5.3000e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
36	4.7500e+002	2.3000e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
37	2.2200e+003	-6.2500e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
38	1.7500e+003	-5.0000e+000	4.0000e+002	0	0	0	0	0	0	123	0	0
39	1.2700e+003	6.1500e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
40	2.8500e+003	-1.4500e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
41	2.3800e+003	4.7000e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
42	2.0000e+003	9.6500e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
43	3.4800e+003	3.3500e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
44	2.7300e+003	1.3200e+003	4.0000e+002	0	0	0	0	0	0	123	0	0
45	4.1900e+003	8.6000e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
46	3.5200e+003	1.7050e+003	4.0000e+002	0	0	0	0	0	0	123	0	0
47	4.6000e+003	1.1900e+003	4.0000e+002	0	0	0	0	0	0	123	0	0
48	4.0200e+003	1.9500e+003	4.0000e+002	0	0	0	0	0	0	123	0	0
49	3.2900e+003	3.1600e+003	4.0500e+002	0	0	0	0	0	0	105	0	0
50	1.8000e+002	3.1600e+003	5.0900e+002	0	0	0	0	0	0	105	0	0
51	1.8000e+002	1.6900e+003	5.0900e+002	0	0	0	0	0	0	105	0	0
52	9.7000e+002	1.8500e+003	4.8000e+002	0	0	0	0	0	0	105	0	0
53	1.7650e+003	2.0100e+003	4.5500e+002	0	0	0	0	0	0	105	0	0
54	2.5550e+003	2.1700e+003	4.3000e+002	0	0	0	0	0	0	105	0	0
55	3.2900e+003	2.3200e+003	4.0500e+002	0	0	0	0	0	0	105	0	0
56	1.7650e+003	3.1600e+003	4.5500e+002	0	0	0	0	0	0	105	0	0

57	9.7000e+002	1.8500e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
58	1.7650e+003	2.0100e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
59	2.5550e+003	2.1700e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
60	1.2700e+003	6.1500e+002	3.5000e+002	0	0	0	0	0	0	0	0	0
61	2.0000e+003	9.6500e+002	3.5000e+002	0	0	0	0	0	0	0	0	0
62	2.7300e+003	1.3200e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
63	3.5200e+003	1.7050e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
64	3.2900e+003	2.3200e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
65	1.0410e+003	5.0000e+002	3.5000e+002	0	0	0	0	0	0	0	0	0
66	7.2200e+002	1.8020e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
67	0.0000e+000	0.0000e+000	8.7000e+002	0	0	0	0	0	0	106	0	0
68	6.5000e+002	-8.4500e+002	8.7000e+002	0	0	0	0	0	0	106	0	0
69	1.1200e+003	-1.4650e+003	8.7000e+002	0	0	0	0	0	0	106	0	0
70	1.5350e+003	-1.1550e+003	8.6000e+002	0	0	0	0	0	0	106	0	0
71	1.0600e+003	-5.3000e+002	8.6000e+002	0	0	0	0	0	0	106	0	0
72	4.7500e+002	2.3000e+002	8.6000e+002	0	0	0	0	0	0	106	0	0
73	2.2200e+003	-6.2500e+002	8.4000e+002	0	0	0	0	0	0	106	0	0
74	1.7500e+003	-5.0000e+000	8.4000e+002	0	0	0	0	0	0	106	0	0
75	1.2700e+003	6.1500e+002	8.4000e+002	0	0	0	0	0	0	106	0	0
76	2.8500e+003	-1.4500e+002	8.2400e+002	0	0	0	0	0	0	106	0	0
77	2.3800e+003	4.7000e+002	8.2400e+002	0	0	0	0	0	0	106	0	0
78	2.0000e+003	9.6500e+002	8.2400e+002	0	0	0	0	0	0	106	0	0
79	3.4800e+003	3.3500e+002	8.0500e+002	0	0	0	0	0	0	106	0	0
80	2.7300e+003	1.3200e+003	8.0500e+002	0	0	0	0	0	0	106	0	0
81	4.1900e+003	8.6000e+002	7.9000e+002	0	0	0	0	0	0	106	0	0
82	3.5200e+003	1.7050e+003	7.9000e+002	0	0	0	0	0	0	106	0	0
83	4.6000e+003	1.1900e+003	7.7500e+002	0	0	0	0	0	0	106	0	0
84	4.0200e+003	1.9500e+003	7.7500e+002	0	0	0	0	0	0	106	0	0
85	1.1000e+002	3.2300e+003	5.1000e+002	0	0	0	0	0	0	105	0	0
86	-4.6000e+001	6.0000e+001	8.7000e+002	0	0	0	0	0	0	106	0	0
87	1.1640e+003	-1.5200e+003	8.7000e+002	0	0	0	0	0	0	106	0	0
88	4.3150e+003	2.0960e+003	7.7000e+002	0	0	0	0	0	0	106	0	0
89	4.8690e+003	1.3900e+003	7.7000e+002	0	0	0	0	0	0	106	0	0
90	4.2730e+003	2.1500e+003	7.7000e+002	0	0	0	0	0	0	106	0	0
91	4.9140e+003	1.3300e+003	7.7000e+002	0	0	0	0	0	0	106	0	0
92	9.4000e+002	-3.7500e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
93	7.0750e+002	-7.2500e+001	4.0000e+002	0	0	0	0	0	0	123	0	0
94	1.6260e+003	1.5500e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
95	1.2830e+003	-1.1000e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
96	1.0080e+003	4.8500e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
97	1.1734e+003	1.2716e+002	4.0000e+002	0	0	0	0	0	0	123	0	0
98	1.1000e+002	3.1600e+003	5.1000e+002	0	0	0	0	0	0	105	0	0
99	1.1000e+002	1.6750e+003	5.1000e+002	0	0	0	0	0	0	105	0	0
100	3.4300e+003	2.3500e+003	4.0000e+002	0	0	0	0	0	0	105	0	0
101	3.4300e+003	3.1600e+003	4.0000e+002	0	0	0	0	0	0	105	0	0
102	3.4300e+003	3.2300e+003	4.0000e+002	0	0	0	0	0	0	105	0	0
103	3.4300e+003	2.2800e+003	4.0000e+002	0	0	0	0	0	0	105	0	0
104	1.1000e+002	1.6050e+003	5.1000e+002	0	0	0	0	0	0	105	0	0
105	1.6415e+003	2.5672e+003	4.5927e+002	0	0	0	0	0	0	0	26	0
106	2.3554e+003	3.7110e+002	8.2533e+002	0	0	0	0	0	0	0	25	0
107	1.2240e+003	1.9000e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
108	1.5050e+003	7.2800e+002	3.5000e+002	0	0	0	0	0	0	0	0	0
109	1.4710e+003	1.9480e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
110	1.7280e+003	8.3400e+002	3.5000e+002	0	0	0	0	0	0	0	0	0
111	1.7170e+003	2.0000e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
112	1.9570e+003	9.4600e+002	3.5000e+002	0	0	0	0	0	0	0	0	0
113	1.9620e+003	2.0500e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
114	2.1820e+003	1.0550e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
115	2.2120e+003	2.0990e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
116	2.4170e+003	1.1700e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
117	2.4590e+003	2.1500e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
118	2.6400e+003	1.2790e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
119	2.7000e+003	2.2000e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
120	3.1920e+003	2.3000e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
121	2.8720e+003	1.3880e+003	3.5000e+002	0	0	0	0	0	0	0	0	0

122	3.3470e+003	1.6190e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
123	2.2613e+003	3.0779e+002	4.0000e+002	0	0	1	1	1	0	0	27	0
124	2.9470e+003	2.2500e+003	3.5000e+002	0	0	0	0	0	0	0	0	0
125	3.1060e+003	1.5030e+003	3.5000e+002	0	0	0	0	0	0	0	0	0

Constraint - Master-Slave

Master	Slave											
105	85	104	103	102	101	100	99	98	50	49	30	29
	56	55	54	53	52	51						
106	91	90	89	88	87	86	84	83	82	81	80	79
	78	77	76	75	74	73	72	71	70	69	68	67
123	97	93	96	95	94	92	48	47	46	45	44	43
	42	41	40	39	38	37	36	35	34	33	32	31

ESTREMI E DATI DEGLI ELEMENTI (Fase 1)

Elemento	Estremi		Tipo	Carico	NodoK	Massa	Materiale-EE
1	125	124	12	8	0	34	
2	125	122	10	42	0	33	
3	121	125	10	42	0	33	
4	124	120	10	42	0	33	
5	119	124	10	42	0	33	
6	53	105	3	0	0	0	
7	106	77	3	0	0	0	
8	122	120	12	8	0	34	
9	121	119	12	8	0	34	
10	122	63	10	42	0	33	
11	62	121	10	42	0	33	
12	120	64	10	42	0	33	
13	59	119	10	42	0	33	
14	118	117	12	8	0	34	
15	118	62	10	42	0	33	
16	116	118	10	42	0	33	
17	117	59	10	42	0	33	
18	115	117	10	42	0	33	
19	116	115	12	8	0	34	
20	114	113	11	8	0	34	
21	114	116	10	42	0	33	
22	113	115	10	42	0	33	
23	61	114	10	42	0	33	
24	58	113	10	42	0	33	
25	112	111	11	8	0	34	
26	112	61	10	42	0	33	
27	110	112	10	42	0	33	
28	111	58	10	42	0	33	
29	109	111	10	42	0	33	
30	110	109	11	8	0	34	
31	108	110	10	42	0	33	
32	107	109	10	42	0	33	
33	108	107	11	8	0	34	
34	60	108	10	42	0	33	
35	57	107	10	42	0	33	
36	60	57	1	8	0	34	
37	65	60	10	42	0	33	
38	66	57	10	42	0	33	
39	89	91	7	41	0	32	
40	88	90	7	41	0	32	
41	89	88	7	41	0	32	
42	83	89	8	36	0	31	
43	84	88	8	36	0	31	
44	87	69	7	41	0	32	
45	67	86	7	41	0	32	

46	99	98	7	41	0	32
47	98	85	7	41	0	32
48	104	99	7	41	0	32
49	103	100	7	41	0	32
50	101	102	7	41	0	32
51	100	101	7	41	0	32
52	49	101	8	37	0	30
53	55	100	8	37	0	30
54	99	51	8	40	0	29
55	98	50	8	40	0	29
56	97	96	6	12	0	28
57	95	97	4	12	0	28
58	93	97	5	10	0	27
59	93	36	6	15	0	26
60	92	93	7	15	0	26
61	96	39	8	1	0	7
62	36	96	8	2	0	6
63	95	94	6	13	0	25
64	92	95	4	11	0	24
65	94	39	6	43	0	23
66	38	94	4	43	0	23
67	35	92	4	15	0	26
68	65	66	1	8	0	34
69	77	78	7	43	0	23
70	76	77	7	43	0	23
71	68	67	7	41	0	32
72	69	68	7	41	0	32
73	81	83	8	35	0	22
74	79	81	8	34	0	21
75	76	79	8	33	0	20
76	73	76	8	30	0	19
77	70	73	8	30	0	19
78	69	70	8	30	0	19
79	74	77	8	31	0	18
80	71	74	8	28	0	17
81	68	71	8	26	0	16
82	82	84	8	35	0	22
83	80	82	8	34	0	21
84	78	80	8	33	0	20
85	75	78	8	32	0	15
86	72	75	8	29	0	14
87	67	72	8	27	0	13
88	48	84	9	43	0	23
89	47	83	9	43	0	23
90	46	82	9	43	0	23
91	45	81	9	43	0	23
92	44	80	9	43	0	23
93	43	79	9	43	0	23
94	42	78	9	43	0	23
95	41	77	2	43	74	23
96	40	76	9	43	0	23
97	39	75	9	43	0	23
98	38	74	2	43	77	23
99	37	73	9	43	0	23
100	36	72	9	43	0	23
101	35	71	2	43	77	23
102	34	70	9	43	0	23
103	33	69	9	43	0	23
104	32	68	2	43	77	23
105	31	67	9	43	0	23
106	60	39	9	43	0	23
107	13	60	9	43	0	23
108	61	42	9	43	0	23
109	14	61	9	43	0	23
110	62	44	9	43	0	23

111	15	62	9	43	0	23	
112	63	46	9	43	0	23	
113	16	63	9	43	0	23	
114	64	55	9	43	0	23	
115	10	64	9	43	0	23	
116	59	54	9	43	0	23	
117	9	59	9	43	0	23	
118	57	52	9	43	0	23	
119	7	57	9	43	0	23	
120	58	53	9	43	0	23	
121	8	58	9	43	0	23	
122	47	48	7	21	0	12	
123	41	42	7	43	0	23	
124	40	41	7	43	0	23	
125	32	31	7	16	0	26	
126	33	32	7	16	0	26	
127	45	47	8	7	0	5	
128	43	45	8	6	0	4	
129	40	43	8	5	0	3	
130	37	40	8	3	0	2	
131	34	37	8	3	0	2	
132	33	34	8	3	0	2	
133	38	41	8	18	0	11	
134	35	38	8	9	0	30	
135	32	35	8	17	0	10	
136	46	48	8	7	0	5	
137	44	46	8	6	0	4	
138	42	44	8	5	0	3	
139	39	42	8	4	0	1	
140	31	36	8	7	0	5	
141	54	55	8	37	0	30	
142	53	54	8	38	0	9	
143	52	53	8	39	0	8	
144	51	52	8	40	0	29	
145	30	49	8	37	0	30	
146	56	30	8	38	0	9	
147	29	56	8	39	0	8	
148	50	29	8	40	0	29	
149	1	50	9	43	0	23	
150	5	49	9	43	0	23	
151	4	30	9	43	0	23	
152	2	29	9	43	0	23	
153	3	56	9	43	0	23	
154	6	51	9	43	0	23	
155	17	48	9	43	0	23	
156	28	47	9	43	0	23	
157	27	45	9	43	0	23	
158	26	43	9	43	0	23	
159	21	41	2	43	74	23	
160	25	40	9	43	0	23	
161	20	38	2	43	77	23	
162	24	37	9	43	0	23	
163	12	36	9	43	0	23	
164	19	35	2	43	77	23	
165	23	34	9	43	0	23	
166	22	33	9	43	0	23	
167	18	32	2	43	77	23	
168	11	31	9	43	0	23	

ELEMENTI TIPO (Fase 1)

TRAVE GENERICA

Tipo	Nome	Ax	Ay	Az	Jx	Jy	Jz	vi	vj

Materiale elastico: E=2.1e+006 G=810000

1	tubo150x250x16	117.7600	0.0000	0.0000	8549.5542	4046.4085	9343.6885	32	32
10	tubo250x250x12	114.2400	0.0000	0.0000	16177.5260	10812.4350	10812.4350	0	0
11	tubo150x250x12	90.2400	0.0000	0.0000	6885.5000	3263.8752	7410.9152	32	32
12	tubo150x250x8	61.4400	0.0000	0.0000	4920.3521	2339.3472	5223.5072	32	32

TRAVE SEZIONE DOPPIO T

Tipo	wd	wt	tft	tfw	bft	bfw	vi	vj
Materiale elastico: E=332306 G=166153								
2	80.0000	40.0000	0.0000	0.0000	0.0000	0.0000	0	0
3	30.0000	30.0000	0.0000	0.0000	0.0000	0.0000	0	0
4	55.0000	40.0000	0.0000	0.0000	0.0000	0.0000	32	0
5	55.0000	40.0000	0.0000	0.0000	0.0000	0.0000	32	32
6	55.0000	40.0000	0.0000	0.0000	0.0000	0.0000	0	32
7	55.0000	40.0000	0.0000	0.0000	0.0000	0.0000	0	0
8	55.0000	60.0000	0.0000	0.0000	0.0000	0.0000	0	0

TRAVE SEZIONE POLIGONALE

Tipo	z	y	vi	vj
9	30.0000	0.0000	0	0
	25.9808	15.0000		
	15.0000	25.9808		
	1.8370e-015	30.0000		
	-15.0000	25.9808		
	-25.9808	15.0000		
	-30.0000	1.6997e-014		
	-25.9808	-15.0000		
	-15.0000	-25.9808		
	-5.5109e-015	-30.0000		
	15.0000	-25.9808		
	25.9808	-15.0000		

Tipi di carico

Nome	Tipo	Grav.	Gamma fav	Gamma unfav.	Gamma sismico	Psi 0	Psi 1	Psi 2	Psi 2 sismico	Phi (coeff. correl.)
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Sismico SLU	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLU	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
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	0.20	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.20	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
SISMICO SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
TORCENTE SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLV	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 SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd

Permanente g2	permanente	*	1.00	1.50	1.00	nd	nd	nd	nd	nd

SPETTRI DI RISPOSTA

SLVh

Creato giovedì 5 settembre 2013 alle ore 11:45:50.

DATI GENERALI

intervalli: 32
durata: 2.25923
normativa: DM 2008
tipo_spettro: Inelastico
ag: 0.164808
f0: 2.48503
Tc: 0.269619
ampl_topogr: T1
azione_sismica: Orizzontale
classe_dutt: Bassa
terreno: B
desc_terreno: Depositi di sabbie o ghiaie molto addensate o argille consistenti
smorzamento: 5

DATI STRUTTURA

materiale: Calcestruzzo
tipo_struttura: 1
desc_struttura: Telaio di un piano
regolarita_alt: Non regolare
regolarita_pnt: Non regolare
fattore_q: 2.52

DATI SISMICI

stato_limite: Salvaguardia vita SLV
prob_superamento: 0.1
vita: 100
longitudine: 7.2092
latitudine: 45.1264

periodo	risposta
0.00000	1.20000
0.07288	1.19055
0.12849	1.18335
0.21864	1.18335
0.29151	1.18335
0.38547	1.18335
0.43727	1.04317
0.51015	0.89415
0.58303	0.78238
0.65591	0.69545
0.72878	0.62590
0.80166	0.56900
0.87454	0.52158
0.94742	0.48146
1.02030	0.44707
1.09318	0.41727
1.16605	0.39119
1.23893	0.36818
1.31181	0.34772
1.38469	0.32942
1.45757	0.31295
1.53045	0.29805
1.60333	0.28450
1.67620	0.27213
1.74908	0.26079

1.82196	0.25036
1.89484	0.24073
1.96772	0.23182
2.04060	0.22354
2.11347	0.21583
2.18635	0.20863
2.25923	0.20190

SLOh

Creato giovedì 5 settembre 2013 alle ore 11:45:50.

DATI GENERALI

intervalli: 32
durata: 2.25923
normativa: DM 2008
tipo_spettro: Elastico
ag: 0.0555585
f0: 2.42597
Tc: 0.23
ampl_topogr: T1
azione_sismica: Orizzontale
classe_dutt: Bassa
terreno: B
desc_terreno: Depositi di sabbie o ghiaie molto addensate o argille consistenti
smorzamento: 5

DATI STRUTTURA

materiale: Calcestruzzo
tipo_struttura: 1
desc_struttura: Telaio di un piano
regolarita_alt: Non regolare
regolarita_pnt: Non regolare
fattore_q: 1

DATI SISMICI

stato_limite: Operatività SLO
prob_superamento: 0.81
vita: 100
longitudine: 7.2092
latitudine: 45.1264

periodo	risposta
0.00000	1.20000
0.07288	2.30214
0.11315	2.91116
0.21864	2.91116
0.29151	2.91116
0.33945	2.91116
0.43727	2.25991
0.51015	1.93707
0.58303	1.69493
0.65591	1.50661
0.72878	1.35595
0.80166	1.23268
0.87454	1.12995
0.94742	1.04304
1.02030	0.96853
1.09318	0.90396
1.16605	0.84747
1.23893	0.79762
1.31181	0.75330
1.38469	0.71366
1.45757	0.67797
1.53045	0.64569

1.60333	0.61634
1.67620	0.58954
1.74908	0.56498
1.82196	0.54238
1.89484	0.50153
1.96772	0.46507
2.04060	0.43245
2.11347	0.40314
2.18635	0.37671
2.25923	0.35280

SLDh

Creato giovedì 5 settembre 2013 alle ore 11:47:27.

DATI GENERALI

intervalli: 32
durata: 2.25923
normativa: DM 2008
tipo_spettro: Elastico
ag: 0.0712459
f0: 2.42204
Tc: 0.239874
ampl_topogr: T1
azione_sismica: Orizzontale
classe_dutt: Bassa
terreno: B
desc_terreno: Depositi di sabbie o ghiaie molto addensate o argille consistenti
smorzamento: 5

DATI STRUTTURA

materiale: Calcestruzzo
tipo_struttura: 1
desc_struttura: Telaio di un piano
regolarita_alt: Non regolare
regolarita_pnt: Non regolare
fattore_q: 1

DATI SISMICI

stato_limite: Definibile
prob_superamento: 0.63
vita: 100
longitudine: 7.2092
latitudine: 45.1264

periodo	risposta
0.00000	1.20000
0.07288	2.26276
0.11702	2.90645
0.21864	2.90645
0.29151	2.90645
0.35106	2.90645
0.43727	2.33341
0.51015	2.00007
0.58303	1.75006
0.65591	1.55561
0.72878	1.40005
0.80166	1.27277
0.87454	1.16671
0.94742	1.07696
1.02030	1.00003
1.09318	0.93337
1.16606	0.87503
1.23893	0.82356
1.31181	0.77780

1.38469	0.73687
1.45757	0.70002
1.53045	0.66669
1.60333	0.63639
1.67620	0.60872
1.74908	0.58335
1.82196	0.56002
1.89484	0.53568
1.96772	0.49673
2.04060	0.46189
2.11347	0.43058
2.18635	0.40235
2.25923	0.37681

CARICHI UNIFORMI TIPO (Fase 1)

Condizione di carico: "Acc_300" Tipo: "Cat. B: Uffici"

Tipo	cdx	cdy	cdz	ref	lato
1	0.0000e+000	0.0000e+000	-1.0000e+001	gbl	0
3	0.0000e+000	0.0000e+000	-1.1500e+001	gbl	0
4	0.0000e+000	0.0000e+000	-1.0500e+001	gbl	0
5	0.0000e+000	0.0000e+000	-2.0000e+001	gbl	0
6	0.0000e+000	0.0000e+000	-1.7500e+001	gbl	0
7	0.0000e+000	0.0000e+000	-1.5000e+001	gbl	0
9	0.0000e+000	0.0000e+000	-1.2000e+001	gbl	0
10	0.0000e+000	0.0000e+000	-5.0000e+000	gbl	0
11	0.0000e+000	0.0000e+000	-5.0000e+000	gbl	0
12	0.0000e+000	0.0000e+000	-3.0000e+000	gbl	0
13	0.0000e+000	0.0000e+000	-1.2000e+001	gbl	0
14	0.0000e+000	0.0000e+000	-1.0000e+001	gbl	0
17	0.0000e+000	0.0000e+000	-2.7000e+001	gbl	0
18	0.0000e+000	0.0000e+000	-2.2500e+001	gbl	0
19	0.0000e+000	0.0000e+000	-1.0500e+001	gbl	0
20	0.0000e+000	0.0000e+000	-1.1500e+001	gbl	0
24	0.0000e+000	0.0000e+000	-1.7500e+001	gbl	0
25	0.0000e+000	0.0000e+000	-1.5000e+001	gbl	0

Condizione di carico: "Acc_150" Tipo: "Neve (q<1000)"

Tipo	cdx	cdy	cdz	ref	lato
8	0.0000e+000	0.0000e+000	-3.7500e+000	gbl	0
23	0.0000e+000	0.0000e+000	-2.0000e+001	gbl	0
26	0.0000e+000	0.0000e+000	-1.4000e+001	gbl	0
27	0.0000e+000	0.0000e+000	-9.0000e+000	gbl	0
28	0.0000e+000	0.0000e+000	-1.2000e+001	gbl	0
29	0.0000e+000	0.0000e+000	-7.0000e+000	gbl	0
30	0.0000e+000	0.0000e+000	-7.0000e+000	gbl	0
31	0.0000e+000	0.0000e+000	-1.1000e+001	gbl	0
32	0.0000e+000	0.0000e+000	-6.0000e+000	gbl	0
33	0.0000e+000	0.0000e+000	-1.1000e+001	gbl	0
34	0.0000e+000	0.0000e+000	-1.0000e+001	gbl	0
35	0.0000e+000	0.0000e+000	-9.0000e+000	gbl	0
36	0.0000e+000	0.0000e+000	-8.0000e+000	gbl	0
37	0.0000e+000	0.0000e+000	-8.0000e+000	gbl	0
38	0.0000e+000	0.0000e+000	-9.0000e+000	gbl	0
39	0.0000e+000	0.0000e+000	-1.0000e+001	gbl	0
40	0.0000e+000	0.0000e+000	-1.2000e+001	gbl	0

Condizione di carico: "Perma g2" Tipo: "Permanente g2"

Tipo	cdx	cdy	cdz	ref	lato
1	0.0000e+000	0.0000e+000	-1.2000e+001	gbl	0
2	0.0000e+000	0.0000e+000	-5.0000e+000	gbl	0
3	0.0000e+000	0.0000e+000	-1.4500e+001	gbl	0
4	0.0000e+000	0.0000e+000	-1.3500e+001	gbl	0
5	0.0000e+000	0.0000e+000	-2.3000e+001	gbl	0
6	0.0000e+000	0.0000e+000	-2.0500e+001	gbl	0
7	0.0000e+000	0.0000e+000	-1.8000e+001	gbl	0

8	0.0000e+000	0.0000e+000	-1.5000e+000	gbl	0
9	0.0000e+000	0.0000e+000	-1.7000e+001	gbl	0
10	0.0000e+000	0.0000e+000	-5.0000e+000	gbl	0
11	0.0000e+000	0.0000e+000	-1.0000e+001	gbl	0
12	0.0000e+000	0.0000e+000	-3.0000e+000	gbl	0
13	0.0000e+000	0.0000e+000	-1.2000e+001	gbl	0
14	0.0000e+000	0.0000e+000	-9.0000e+000	gbl	0
15	0.0000e+000	0.0000e+000	-2.0000e+000	gbl	0
17	0.0000e+000	0.0000e+000	-2.7000e+001	gbl	0
18	0.0000e+000	0.0000e+000	-2.2500e+001	gbl	0
19	0.0000e+000	0.0000e+000	-1.0500e+001	gbl	0
20	0.0000e+000	0.0000e+000	-1.1500e+001	gbl	0
23	0.0000e+000	0.0000e+000	-2.0000e+001	gbl	0
24	0.0000e+000	0.0000e+000	-1.7500e+001	gbl	0
25	0.0000e+000	0.0000e+000	-1.5000e+001	gbl	0
26	0.0000e+000	0.0000e+000	-2.2000e+001	gbl	0
27	0.0000e+000	0.0000e+000	-1.5000e+001	gbl	0
28	0.0000e+000	0.0000e+000	-2.1000e+001	gbl	0
29	0.0000e+000	0.0000e+000	-1.3000e+001	gbl	0
30	0.0000e+000	0.0000e+000	-1.2000e+001	gbl	0
31	0.0000e+000	0.0000e+000	-1.9000e+001	gbl	0
32	0.0000e+000	0.0000e+000	-1.1000e+001	gbl	0
33	0.0000e+000	0.0000e+000	-1.8000e+001	gbl	0
34	0.0000e+000	0.0000e+000	-1.6000e+001	gbl	0
35	0.0000e+000	0.0000e+000	-1.4000e+001	gbl	0
36	0.0000e+000	0.0000e+000	-1.3000e+001	gbl	0
37	0.0000e+000	0.0000e+000	-1.3000e+001	gbl	0
38	0.0000e+000	0.0000e+000	-1.5000e+001	gbl	0
39	0.0000e+000	0.0000e+000	-1.7000e+001	gbl	0
40	0.0000e+000	0.0000e+000	-1.9000e+001	gbl	0

Condizione di carico: "Perma" Tipo: "Permanente"

Tipo	cdx	cdy	cdz	ref	lato
1	0.0000e+000	0.0000e+000	-1.8000e+001	gbl	0
3	0.0000e+000	0.0000e+000	-2.3000e+001	gbl	0
4	0.0000e+000	0.0000e+000	-2.1000e+001	gbl	0
5	0.0000e+000	0.0000e+000	-3.9000e+001	gbl	0
6	0.0000e+000	0.0000e+000	-3.4000e+001	gbl	0
7	0.0000e+000	0.0000e+000	-2.9000e+001	gbl	0
9	0.0000e+000	0.0000e+000	-2.5000e+001	gbl	0
10	0.0000e+000	0.0000e+000	-1.0000e+001	gbl	0
11	0.0000e+000	0.0000e+000	-1.0000e+001	gbl	0
13	0.0000e+000	0.0000e+000	-2.4000e+001	gbl	0
14	0.0000e+000	0.0000e+000	-1.8000e+001	gbl	0
16	0.0000e+000	0.0000e+000	-2.0000e+000	gbl	0
17	0.0000e+000	0.0000e+000	-5.2000e+001	gbl	0
18	0.0000e+000	0.0000e+000	-4.3000e+001	gbl	0
19	0.0000e+000	0.0000e+000	-2.1000e+001	gbl	0
20	0.0000e+000	0.0000e+000	-2.3000e+001	gbl	0
21	0.0000e+000	0.0000e+000	-8.0000e+000	gbl	0
22	0.0000e+000	0.0000e+000	-6.0000e+000	gbl	0
23	0.0000e+000	0.0000e+000	-3.9000e+001	gbl	0
24	0.0000e+000	0.0000e+000	-3.4000e+001	gbl	0
25	0.0000e+000	0.0000e+000	-2.9000e+001	gbl	0
26	0.0000e+000	0.0000e+000	-5.3000e+001	gbl	0
27	0.0000e+000	0.0000e+000	-3.4000e+001	gbl	0
28	0.0000e+000	0.0000e+000	-4.8000e+001	gbl	0
29	0.0000e+000	0.0000e+000	-2.9000e+001	gbl	0
30	0.0000e+000	0.0000e+000	-2.7000e+001	gbl	0
31	0.0000e+000	0.0000e+000	-4.3000e+001	gbl	0
32	0.0000e+000	0.0000e+000	-2.5000e+001	gbl	0
33	0.0000e+000	0.0000e+000	-4.3000e+001	gbl	0
34	0.0000e+000	0.0000e+000	-3.8000e+001	gbl	0
35	0.0000e+000	0.0000e+000	-3.4000e+001	gbl	0
36	0.0000e+000	0.0000e+000	-3.2000e+001	gbl	0
37	0.0000e+000	0.0000e+000	-3.1000e+001	gbl	0

38	0.0000e+000	0.0000e+000	-3.6000e+001	gbl	0
39	0.0000e+000	0.0000e+000	-4.0000e+001	gbl	0
40	0.0000e+000	0.0000e+000	-4.5000e+001	gbl	0
41	0.0000e+000	0.0000e+000	-3.0000e+000	gbl	0

PESI PROPRI TIPO (Fase 1)

Condizione di carico: "Perma" Tipo: "Permanente"

Tipo	gm	gx	gy	gz
1	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
2	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
3	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
4	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
5	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
6	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
7	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
8	7.8500e-003	0.0000e+000	0.0000e+000	-1.0000e+000
9	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
10	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
11	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
12	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
13	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
14	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
15	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
16	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
17	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
18	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
19	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
20	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
21	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
22	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
23	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
24	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
25	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
26	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
27	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
28	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
29	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
30	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
31	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
32	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
33	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
34	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
35	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
36	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
37	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
38	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
39	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
40	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
41	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000
42	7.8500e-003	0.0000e+000	0.0000e+000	-1.0000e+000
43	2.5000e-003	0.0000e+000	0.0000e+000	-1.0000e+000

FORZE TIPO (Fase 1)

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

Tipo	Fx	Fy	Fz	Mx	My	Mz
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	3.6968e+007
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	7.7877e+006
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.6750e+007
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	3.6968e+007
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	3.6968e+007
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	3.6968e+007
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	7.7877e+006

14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	7.7877e+006
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	7.7877e+006
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.6750e+007
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.6750e+007
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.6750e+007
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	3.6968e+007
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	7.7877e+006
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.6750e+007
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	3.6968e+007
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	7.7877e+006
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.6750e+007
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	3.2038e+007
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	6.7490e+006
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.4516e+007

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

Tipo	Fx	Fy	Fz	Mx	My	Mz
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.4930e+007
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.2517e+006
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.1296e+007
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.4930e+007
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.2517e+006
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.1296e+007
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.4930e+007
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.4930e+007
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.4930e+007
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.2517e+006
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.2517e+006
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.2517e+006
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.1296e+007
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.1296e+007
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.1296e+007
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.4930e+007
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.2517e+006
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.1296e+007
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.0624e+007
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	4.3446e+006
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	9.3445e+006
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.0624e+007
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	4.3446e+006
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	9.3445e+006

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

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.8430e+007
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.9891e+006
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.2881e+007
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.8430e+007
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.9891e+006
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.2881e+007
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.8430e+007
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.9891e+006
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.2881e+007
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.8430e+007
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.8430e+007
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.8430e+007
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.9891e+006
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.9891e+006
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	5.9891e+006
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.2881e+007
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.2881e+007
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.2881e+007
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.3397e+007
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	4.9289e+006
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.0601e+007
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.3397e+007

23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	4.9289e+006
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.0601e+007
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	2.3397e+007
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	4.9289e+006
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	1.0601e+007

MASSE TIPO (Fase 1)

Tipo	dn	md	dp
1	2.5484e-006	3.8379e-002	5.0000e-002
2	2.5484e-006	4.1743e-002	5.0000e-002
3	2.5484e-006	6.9317e-002	5.0000e-002
4	2.5484e-006	6.0907e-002	5.0000e-002
5	2.5484e-006	5.2497e-002	5.0000e-002
6	2.5484e-006	5.0968e-003	5.0000e-002
7	2.5484e-006	3.3639e-002	5.0000e-002
8	2.5484e-006	6.0143e-002	5.0000e-002
9	2.5484e-006	5.3823e-002	5.0000e-002
10	2.5484e-006	8.8787e-002	5.0000e-002
11	2.5484e-006	7.3649e-002	5.0000e-002
12	2.5484e-006	8.1549e-003	5.0000e-002
13	2.5484e-006	5.1784e-002	5.0000e-002
14	2.5484e-006	4.4241e-002	5.0000e-002
15	2.5484e-006	3.7920e-002	5.0000e-002
16	2.5484e-006	7.9307e-002	5.0000e-002
17	2.5484e-006	7.2783e-002	5.0000e-002
18	2.5484e-006	6.5443e-002	5.0000e-002
19	2.5484e-006	4.1182e-002	5.0000e-002
20	2.5484e-006	6.4424e-002	5.0000e-002
21	2.5484e-006	5.7085e-002	5.0000e-002
22	2.5484e-006	5.0765e-002	5.0000e-002
23	2.5484e-006	0.0000e+000	5.0000e-002
24	2.5484e-006	2.1916e-002	5.0000e-002
25	2.5484e-006	4.0367e-002	5.0000e-002
26	2.5484e-006	2.0387e-003	5.0000e-002
27	2.5484e-006	1.6820e-002	5.0000e-002
28	2.5484e-006	3.9755e-003	5.0000e-002
29	2.5484e-006	6.7686e-002	5.0000e-002
30	2.5484e-006	4.6483e-002	5.0000e-002
31	2.5484e-006	4.7503e-002	5.0000e-002
32	2.5484e-006	3.0581e-003	5.0000e-002
33	8.0020e-006	0.0000e+000	5.0000e-002
34	8.0020e-006	2.2936e-003	5.0000e-002

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
1	400.00	0.37	-0.34	-2.06e-005	-0.39	0.47	4.36e-005	0.36	-0.33	-2.03e-005	
2	459.27	0.47	-0.33	1.12e-004	-0.10	0.52	-1.91e-004	0.50	-0.32	1.13e-004	
3	825.33	0.00	0.00	0.00	-1.03	1.36	-1.22e-004	0.00	0.00	0.00	-9.97

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)
1	400.00	0.27	-0.25	-1.55e-005	-0.29	0.35	3.36e-005	0.00	0.00	0.00
2	459.27	0.39	-0.24	8.72e-005	-7.72e-002	0.40	-1.52e-004	0.00	0.00	0.00
3	825.33	0.00	0.00	0.00	-0.75	0.99	-9.62e-005	0.00	0.00	0.00

Risultanti sismiche di piano

Piano	Quota	SLU	Fx	Fy	Mz	gx	gy
1	400.00	SLDx	266581.20	33736.36	-31015017.39	2048.93	1096.79
2	459.27		168080.76	46978.03	63027044.14	1896.72	964.64

3	825.33		108951.77	32234.65	28418655.98	2167.64	241.33
1	400.00	SLDy	61548.62	234063.80	-59289171.92	2048.93	1096.79
2	459.27		30234.93	147791.44	-11463306.54	1896.72	964.64
3	825.33		34416.50	87165.93	-8458170.84	2167.64	241.33
1	400.00	SLVx	266121.56	34843.33	-44387355.37	2048.93	1096.79
2	459.27		169132.60	47256.25	59726390.30	1896.72	964.64
3	825.33		112144.27	33202.46	29354454.49	2167.64	241.33
1	400.00	SLVy	62205.34	233781.15	-61419336.95	2048.93	1096.79
2	459.27		30745.46	149070.94	-10578723.46	1896.72	964.64
3	825.33		35280.67	89324.88	-8434897.23	2167.64	241.33
1	400.00	SLOx	204023.17	25488.91	-19992009.83	2048.93	1096.79
2	459.27		128263.59	35854.02	49124870.66	1896.72	964.64
3	825.33		82441.73	24385.03	21473257.72	2167.64	241.33
1	400.00	SLOy	46832.67	178755.02	-44435067.59	2048.93	1096.79
2	459.27		22969.92	112467.34	-8927419.51	1896.72	964.64
3	825.33		26083.17	66037.24	-6462051.61	2167.64	241.33

Masse e dimensioni di piano

Piano	Quota	M	Gmx	Gmy	Lmin	Lmax
1	400.00	771.11	2261.26	307.79	3415.00	4600.00
2	459.27	461.26	1641.47	2567.18	1625.00	3320.00
3	825.33	765.42	2355.35	371.10	3670.00	4960.00

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	400.00	435044.93	457580.36	847936257146.71	2302.55	333.06
2	459.27	-613337.79	3938878.37	-4066216740758.69	1450.70	2149.10
3	825.33	118199.19	175884.70	275584081914.70	2352.83	367.19

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	400.00	1.13e-002	1.07e-002	41.29	25.27	1395.48	1361.05	1175.27	839.25	2.01
2	459.27	-3.31e-002	5.15e-003	-190.77	-418.07	1034.00	1482.67	1040.59	606.11	2.64
3	825.33	1.74e-002	1.17e-002	-2.52	-3.90	1386.24	1355.12	1259.02	882.70	1.89

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	0.14
B	Massimo rapporto frequenze disaccoppiate translazionale/torsionale	2.64
C	Massimo rapporto tra giratori di rigidezza	1.43
D	Massima variazione verticale di eccentricità	12.15
E	Massima variazione verticale di massa	0.66
F	Massima variazione verticale di rigidezza in aumento	5.31
G	Mssima variazione verticale di rigidezza in diminuzione	0.95
H	Massimo coefficiente sensibilità spostamento laterale	1.74e-002
I	Minima deformabilità torsionale	0.70
L	Amplificazione spostamenti sismici	1.00
M	Amplificazione azione sismica per non Lin. Geom.	1.00
N	Criterio di regolarità	Non 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 "_602" (Fase 1)**

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Equazioni.....................          381
Semibanda.....................          129
Numero blocchi................            1
Zero algoritmico..............   9.8103e-005
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Tempo totale analisi (sec)....... 6.67e-002

SPOSTAMENTI NODALI "Torcente di piano SLV" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:53.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-2.4168e-002	-4.9017e-002	5.3221e-006	1.3588e-004	-2.0384e-005	4.3467e-005
30	-2.5708e-002	2.2412e-002	-2.3516e-005	-6.5363e-005	-2.4302e-005	4.3467e-005
31	2.2487e-002	-1.5244e-001	-2.5416e-004	4.5947e-004	9.7138e-005	6.6610e-005
32	7.8773e-002	-1.0914e-001	2.2182e-004	2.2515e-004	1.5744e-004	6.6610e-005
33	1.2007e-001	-7.7835e-002	-1.0903e-004	2.4731e-004	3.1705e-004	6.6610e-005
34	9.9422e-002	-5.0192e-002	-5.2930e-004	2.4381e-004	2.8469e-004	6.6610e-005
35	5.7791e-002	-8.1832e-002	7.4443e-005	2.8619e-004	2.0335e-004	6.6610e-005
36	7.1672e-003	-1.2080e-001	5.1437e-004	4.0219e-004	1.1356e-004	6.6610e-005
37	6.4119e-002	-4.5645e-003	9.4148e-005	7.4848e-005	1.8044e-004	6.6610e-005
38	2.2821e-002	-3.5871e-002	-1.4709e-005	1.4269e-004	9.2022e-005	6.6610e-005
39	-1.8478e-002	-6.7844e-002	-9.5761e-005	2.4149e-004	1.3526e-005	6.6610e-005
40	3.2146e-002	3.7400e-002	3.5786e-005	-7.3644e-005	6.2053e-005	6.6610e-005
41	-8.8192e-003	6.0931e-003	2.4543e-005	6.8661e-006	-1.0472e-005	6.6610e-005
42	-4.1791e-002	-1.9219e-002	-1.2868e-006	4.7275e-005	-7.5690e-005	6.6610e-005
43	1.7314e-004	7.9364e-002	-8.8194e-005	-2.4409e-004	-5.2518e-005	6.6610e-005
44	-6.5438e-002	2.9407e-002	4.4989e-005	-1.4264e-004	-1.7691e-004	6.6610e-005
45	-3.4797e-002	1.2666e-001	6.7820e-004	-4.0843e-004	-1.9924e-004	6.6610e-005
46	-9.1083e-002	8.2028e-002	-4.0342e-004	-3.3961e-004	-2.6386e-004	6.6610e-005
47	-5.6778e-002	1.5397e-001	-2.2538e-004	-4.5928e-004	-1.9169e-004	6.6610e-005
48	-1.0740e-001	1.1533e-001	-2.3750e-005	-3.6655e-004	-3.0307e-004	6.6610e-005
49	-2.6478e-002	5.5627e-002	-3.0306e-005	-1.2836e-004	-3.4014e-005	4.3467e-005
50	-2.3274e-002	-8.4826e-002	8.5722e-006	1.6598e-004	-2.7487e-005	4.3467e-005
51	4.0622e-002	-8.4826e-002	-1.4241e-005	1.6464e-004	6.6143e-005	4.3467e-005
52	3.2774e-002	-4.9017e-002	-7.3451e-006	9.2207e-005	3.2639e-005	4.3467e-005
53	2.5049e-002	-1.3194e-002	1.0028e-005	5.7607e-005	3.2351e-005	4.3467e-005
54	1.7324e-002	2.2412e-002	1.7195e-005	-3.0531e-005	1.5910e-005	4.3467e-005
55	1.0034e-002	5.5627e-002	3.7472e-005	-1.1017e-004	4.4244e-006	4.3467e-005
56	-2.4938e-002	-1.3194e-002	-5.9728e-006	4.1474e-005	-2.4199e-005	4.3467e-005
57	2.5027e-002	-3.5512e-002	-2.9500e-006	1.1251e-004	7.5717e-005	3.2272e-005
58	1.9934e-002	-7.6171e-003	7.6235e-006	4.9358e-005	6.3061e-005	3.1541e-005
59	1.5734e-002	1.7926e-002	1.4159e-005	-4.7393e-005	4.2576e-005	3.0525e-005

60	-1.8341e-002	-5.5475e-002	-8.6293e-005	2.4806e-004	-1.8285e-005	5.6180e-005
61	-3.7206e-002	-1.6699e-002	-1.0502e-006	5.3413e-005	-1.0510e-004	5.8553e-005
62	-5.5951e-002	2.2467e-002	3.9754e-005	-1.3275e-004	-1.9957e-004	5.9176e-005
63	-7.7117e-002	6.5413e-002	-3.5096e-004	-3.2292e-004	-2.9144e-004	7.1544e-005
64	1.0899e-002	4.5785e-002	3.1111e-005	-1.4597e-004	2.2904e-005	2.8874e-005
65	-1.6571e-002	-5.8976e-002	-3.1996e-002	2.4747e-004	-1.1554e-005	-9.9233e-006
66	2.7443e-002	-4.8002e-002	1.2573e-002	1.1424e-004	6.9592e-005	5.2478e-005
67	6.3489e-002	-4.0295e-001	-3.5039e-004	3.6640e-004	8.9794e-005	1.7105e-004
68	2.0803e-001	-2.9177e-001	3.2204e-004	1.4371e-004	9.6168e-005	1.7105e-004
69	3.1408e-001	-2.1138e-001	-1.9905e-004	2.0248e-004	2.3525e-004	1.7105e-004
70	2.6110e-001	-1.4023e-001	-7.5806e-004	2.3525e-004	2.3668e-004	1.7105e-004
71	1.5419e-001	-2.2148e-001	1.1276e-004	2.3744e-004	1.7088e-004	1.7105e-004
72	2.4190e-002	-3.2154e-001	7.4733e-004	3.5546e-004	1.2367e-004	1.7105e-004
73	1.7053e-001	-2.2736e-002	1.3880e-004	1.0084e-004	1.5847e-004	1.7105e-004
74	6.4474e-002	-1.0313e-001	-2.2777e-005	1.4140e-004	9.4827e-005	1.7105e-004
75	-4.1578e-002	-1.8524e-001	-1.3606e-004	2.1449e-004	3.2870e-005	1.7105e-004
76	8.8490e-002	8.5285e-002	4.5351e-005	-4.2627e-005	4.5028e-005	1.7105e-004
77	-1.6707e-002	4.8905e-003	2.9789e-005	1.6352e-005	-4.3533e-006	1.7105e-004
78	-1.0138e-001	-6.0109e-002	1.3513e-005	4.6982e-005	-4.6816e-005	1.7105e-004
79	6.4668e-003	1.9335e-001	-1.1987e-004	-2.1336e-004	-6.7489e-005	1.7105e-004
80	-1.6202e-001	6.5065e-002	5.7703e-005	-1.2636e-004	-1.4177e-004	1.7105e-004
81	-8.3271e-002	3.1504e-001	9.1220e-004	-3.9894e-004	-2.1890e-004	1.7105e-004
82	-2.2781e-001	2.0044e-001	-5.3699e-004	-3.4292e-004	-2.4594e-004	1.7105e-004
83	-1.3965e-001	3.8542e-001	-3.4102e-004	-4.6576e-004	-2.8869e-004	1.7105e-004
84	-2.6965e-001	2.8621e-001	3.6629e-006	-4.4784e-004	-2.7487e-004	1.7105e-004
85	-2.6286e-002	-8.7919e-002	7.9435e-003	1.3881e-004	-2.4480e-005	4.3467e-005
86	5.3226e-002	-4.1082e-001	2.5764e-002	3.6640e-004	8.9794e-005	1.7105e-004
87	3.2349e-001	-2.0385e-001	-2.1686e-002	2.0248e-004	2.3525e-004	1.7105e-004
88	-2.9460e-001	3.3675e-001	-1.3484e-002	-2.4773e-004	-1.9837e-005	1.7105e-004
89	-1.7384e-001	4.3151e-001	3.7984e-003	-1.6890e-004	-1.6488e-004	1.7105e-004
90	-3.0384e-001	3.2956e-001	-2.7695e-002	-2.4773e-004	-1.9837e-005	1.7105e-004
91	-1.6358e-001	4.3921e-001	2.1352e-002	-1.6890e-004	-1.6488e-004	1.7105e-004
92	4.7466e-002	-8.9825e-002	6.6649e-004	2.7712e-005	-3.1638e-005	6.6610e-005
93	2.7317e-002	-1.0531e-001	8.4207e-004	5.6113e-005	-7.7527e-005	6.6610e-005
94	1.2163e-002	-4.4131e-002	-2.7459e-004	2.7856e-005	-3.6964e-005	6.6610e-005
95	2.9815e-002	-6.6978e-002	-5.8819e-004	5.4656e-007	3.8314e-006	6.6610e-005
96	-9.8184e-003	-8.5296e-002	-8.1173e-003	2.4710e-004	1.4481e-004	6.6610e-005
97	1.4018e-002	-7.4279e-002	-3.3280e-003	-1.3660e-005	7.7455e-006	6.6610e-005
98	-2.3243e-002	-8.7919e-002	-1.7731e-003	1.3881e-004	-2.4480e-005	4.3467e-005
99	4.1305e-002	-8.7919e-002	2.1996e-003	1.3726e-004	6.2915e-005	4.3467e-005
100	8.5761e-003	6.1965e-002	-2.0515e-003	-5.7484e-005	-6.0362e-006	4.3467e-005
101	-2.6632e-002	6.1965e-002	3.6372e-003	-7.4594e-005	-2.2856e-005	4.3467e-005
102	-2.9675e-002	6.1965e-002	-1.5844e-003	-7.4594e-005	-2.2856e-005	4.3467e-005
103	1.1619e-002	6.1965e-002	1.9724e-003	-5.7484e-005	-6.0362e-006	4.3467e-005
104	4.4348e-002	-8.7919e-002	-7.4086e-003	1.3726e-004	6.2915e-005	4.3467e-005
105	9.6189e-004	-1.8780e-002	3.3398e-002	5.0673e-005	3.0807e-005	4.3467e-005
106	2.0511e-004	6.5304e-004	-1.6809e-003	1.6160e-005	-4.3052e-006	1.7105e-004
107	2.3793e-002	-2.8429e-002	-3.4565e-003	1.0501e-004	5.7102e-006	2.9430e-005
108	-2.5625e-002	-4.0505e-002	8.1344e-003	1.1584e-004	9.4881e-005	5.4578e-005
109	2.1951e-002	-1.8128e-002	2.1702e-003	8.6548e-005	-3.2641e-006	4.3146e-005
110	-3.0570e-002	-3.0299e-002	-5.2015e-003	5.1063e-005	7.8630e-005	3.7031e-005
111	2.0127e-002	-8.7115e-003	2.0656e-003	5.6960e-005	4.5249e-005	1.9570e-005
112	-3.6009e-002	-1.9395e-002	-4.5612e-003	4.6344e-005	-6.3835e-005	6.1367e-005
113	1.8128e-002	2.3603e-003	-3.9796e-003	3.6338e-005	1.4078e-006	4.7721e-005
114	-4.0449e-002	-1.0117e-002	8.7895e-003	-5.2753e-005	-7.9762e-006	2.8314e-005
115	1.6201e-002	1.3665e-002	1.1096e-003	9.3335e-006	-2.2602e-005	4.7721e-005
116	-4.5024e-002	-7.0571e-004	-3.9118e-003	-1.3118e-004	-1.7764e-006	3.2892e-005
117	1.5059e-002	2.0606e-002	3.2879e-003	-2.8844e-005	1.1314e-005	-3.8651e-005
118	-5.1394e-002	1.2306e-002	-8.3863e-003	-1.4478e-004	-1.1803e-004	1.1627e-004
119	1.3362e-002	3.0171e-002	-3.6485e-003	-5.7042e-005	-9.7181e-006	7.6476e-005
120	1.0545e-002	4.6870e-002	3.2686e-003	-1.2543e-004	-1.0423e-005	-1.5203e-005
121	-5.4348e-002	1.9010e-002	1.0315e-002	-2.1308e-004	-1.1919e-004	-4.0147e-005
122	-6.1566e-002	3.3961e-002	-9.7714e-003	-3.3439e-004	-1.5701e-004	1.5651e-004
123	1.9854e-003	-1.8160e-003	0.0000e+000	0.0000e+000	0.0000e+000	6.6610e-005
124	1.2167e-002	3.7483e-002	6.6421e-004	-8.4789e-005	-4.2492e-005	2.9282e-005

125	-5.5591e-002	2.1629e-002	1.3983e-003	-3.0095e-004	-8.0463e-005	1.1815e-005

SPOSTAMENTI NODALI "Torcente di piano SLD" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:53.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-1.5558e-002	-3.1554e-002	3.4260e-006	8.7473e-005	-1.3122e-005	2.7981e-005
30	-1.6549e-002	1.4427e-002	-1.5138e-005	-4.2076e-005	-1.5644e-005	2.7981e-005
31	1.4476e-002	-9.8130e-002	-1.6361e-004	2.9578e-004	6.2531e-005	4.2879e-005
32	5.0709e-002	-7.0259e-002	1.4279e-004	1.4494e-004	1.0135e-004	4.2879e-005
33	7.7294e-002	-5.0105e-002	-7.0190e-005	1.5920e-004	2.0410e-004	4.2879e-005
34	6.4001e-002	-3.2311e-002	-3.4073e-004	1.5695e-004	1.8327e-004	4.2879e-005
35	3.7202e-002	-5.2678e-002	4.7922e-005	1.8423e-004	1.3091e-004	4.2879e-005
36	4.6138e-003	-7.7763e-002	3.3112e-004	2.5891e-004	7.3105e-005	4.2879e-005
37	4.1275e-002	-2.9383e-003	6.0606e-005	4.8182e-005	1.1615e-004	4.2879e-005
38	1.4690e-002	-2.3092e-002	-9.4685e-006	9.1854e-005	5.9238e-005	4.2879e-005
39	-1.1895e-002	-4.3674e-002	-6.1645e-005	1.5545e-004	8.7071e-006	4.2879e-005
40	2.0693e-002	2.4076e-002	2.3037e-005	-4.7407e-005	3.9945e-005	4.2879e-005
41	-5.6772e-003	3.9223e-003	1.5800e-005	4.4200e-006	-6.7410e-006	4.2879e-005
42	-2.6902e-002	-1.2372e-002	-8.2838e-007	3.0432e-005	-4.8724e-005	4.2879e-005
43	1.1146e-004	5.1089e-002	-5.6774e-005	-1.5713e-004	-3.3808e-005	4.2879e-005
44	-4.2125e-002	1.8930e-002	2.8961e-005	-9.1824e-005	-1.1388e-004	4.2879e-005
45	-2.2400e-002	8.1534e-002	4.3658e-004	-2.6292e-004	-1.2826e-004	4.2879e-005
46	-5.8633e-002	5.2805e-002	-2.5970e-004	-2.1862e-004	-1.6986e-004	4.2879e-005
47	-3.6550e-002	9.9114e-002	-1.4508e-004	-2.9566e-004	-1.2339e-004	4.2879e-005
48	-6.9138e-002	7.4244e-002	-1.5289e-005	-2.3596e-004	-1.9509e-004	4.2879e-005
49	-1.7045e-002	3.5809e-002	-1.9509e-005	-8.2631e-005	-2.1896e-005	2.7981e-005
50	-1.4982e-002	-5.4605e-002	5.5182e-006	1.0685e-004	-1.7695e-005	2.7981e-005
51	2.6150e-002	-5.4605e-002	-9.1675e-006	1.0598e-004	4.2578e-005	2.7981e-005
52	2.1098e-002	-3.1554e-002	-4.7283e-006	5.9357e-005	2.1011e-005	2.7981e-005
53	1.6125e-002	-8.4935e-003	6.4552e-006	3.7084e-005	2.0826e-005	2.7981e-005
54	1.1152e-002	1.4427e-002	1.1069e-005	-1.9654e-005	1.0242e-005	2.7981e-005
55	6.4593e-003	3.5809e-002	2.4122e-005	-7.0922e-005	2.8482e-006	2.7981e-005
56	-1.6053e-002	-8.4935e-003	-3.8449e-006	2.6698e-005	-1.5578e-005	2.7981e-005
57	1.6111e-002	-2.2860e-002	-1.8990e-006	7.2426e-005	4.8742e-005	2.0775e-005
58	1.2832e-002	-4.9034e-003	4.9075e-006	3.1773e-005	4.0595e-005	2.0304e-005
59	1.0129e-002	1.1540e-002	9.1144e-006	-3.0509e-005	2.7408e-005	1.9650e-005

60	-1.1807e-002	-3.5711e-002	-5.5550e-005	1.5969e-004	-1.1771e-005	3.6165e-005
61	-2.3951e-002	-1.0749e-002	-6.7605e-007	3.4384e-005	-6.7655e-005	3.7693e-005
62	-3.6018e-002	1.4463e-002	2.5591e-005	-8.5457e-005	-1.2847e-004	3.8094e-005
63	-4.9643e-002	4.2109e-002	-2.2592e-004	-2.0787e-004	-1.8761e-004	4.6055e-005
64	7.0158e-003	2.9473e-002	2.0027e-005	-9.3967e-005	1.4744e-005	1.8587e-005
65	-1.0667e-002	-3.7965e-002	-2.0597e-002	1.5930e-004	-7.4376e-006	-6.3880e-006
66	1.7666e-002	-3.0901e-002	8.0939e-003	7.3543e-005	4.4799e-005	3.3782e-005
67	4.0870e-002	-2.5940e-001	-2.2556e-004	2.3587e-004	5.7804e-005	1.1011e-004
68	1.3391e-001	-1.8782e-001	2.0731e-004	9.2514e-005	6.1907e-005	1.1011e-004
69	2.0218e-001	-1.3607e-001	-1.2814e-004	1.3034e-004	1.5144e-004	1.1011e-004
70	1.6808e-001	-9.0271e-002	-4.8799e-004	1.5144e-004	1.5236e-004	1.1011e-004
71	9.9257e-002	-1.4257e-001	7.2587e-005	1.5285e-004	1.1000e-004	1.1011e-004
72	1.5572e-002	-2.0699e-001	4.8108e-004	2.2882e-004	7.9613e-005	1.1011e-004
73	1.0977e-001	-1.4636e-002	8.9348e-005	6.4914e-005	1.0201e-004	1.1011e-004
74	4.1504e-002	-6.6389e-002	-1.4662e-005	9.1023e-005	6.1044e-005	1.1011e-004
75	-2.6765e-002	-1.1924e-001	-8.7585e-005	1.3807e-004	2.1160e-005	1.1011e-004
76	5.6964e-002	5.4901e-002	2.9194e-005	-2.7441e-005	2.8986e-005	1.1011e-004
77	-1.0755e-002	3.1482e-003	1.9176e-005	1.0526e-005	-2.8024e-006	1.1011e-004
78	-6.5260e-002	-3.8694e-002	8.6988e-006	3.0244e-005	-3.0137e-005	1.1011e-004
79	4.1629e-003	1.2447e-001	-7.7165e-005	-1.3735e-004	-4.3445e-005	1.1011e-004
80	-1.0430e-001	4.1885e-002	3.7145e-005	-8.1342e-005	-9.1260e-005	1.1011e-004
81	-5.3604e-002	2.0280e-001	5.8722e-004	-2.5681e-004	-1.4091e-004	1.1011e-004
82	-1.4665e-001	1.2903e-001	-3.4568e-004	-2.2075e-004	-1.5832e-004	1.1011e-004
83	-8.9900e-002	2.4811e-001	-2.1953e-004	-2.9983e-004	-1.8584e-004	1.1011e-004
84	-1.7358e-001	1.8424e-001	2.3579e-006	-2.8829e-004	-1.7695e-004	1.1011e-004
85	-1.6921e-002	-5.6597e-002	5.1135e-003	8.9356e-005	-1.5758e-005	2.7981e-005
86	3.4264e-002	-2.6446e-001	1.6585e-002	2.3587e-004	5.7804e-005	1.1011e-004
87	2.0824e-001	-1.3123e-001	-1.3960e-002	1.3034e-004	1.5144e-004	1.1011e-004
88	-1.8965e-001	2.1678e-001	-8.6804e-003	-1.5947e-004	-1.2770e-005	1.1011e-004
89	-1.1191e-001	2.7778e-001	2.4452e-003	-1.0873e-004	-1.0614e-004	1.1011e-004
90	-1.9559e-001	2.1215e-001	-1.7828e-002	-1.5947e-004	-1.2770e-005	1.1011e-004
91	-1.0530e-001	2.8273e-001	1.3745e-002	-1.0873e-004	-1.0614e-004	1.1011e-004
92	3.0556e-002	-5.7824e-002	4.2904e-004	1.7839e-005	-2.0366e-005	4.2879e-005
93	1.7585e-002	-6.7793e-002	5.4207e-004	3.6122e-005	-4.9907e-005	4.2879e-005
94	7.8297e-003	-2.8409e-002	-1.7676e-004	1.7932e-005	-2.3795e-005	4.2879e-005
95	1.9193e-002	-4.3116e-002	-3.7864e-004	3.5184e-007	2.4664e-006	4.2879e-005
96	-6.3204e-003	-5.4908e-002	-5.2254e-003	1.5907e-004	9.3221e-005	4.2879e-005
97	9.0236e-003	-4.7816e-002	-2.1423e-003	-8.7935e-006	4.9860e-006	4.2879e-005
98	-1.4963e-002	-5.6597e-002	-1.1414e-003	8.9356e-005	-1.5758e-005	2.7981e-005
99	2.6589e-002	-5.6597e-002	1.4160e-003	8.8359e-005	4.0501e-005	2.7981e-005
100	5.5207e-003	3.9889e-002	-1.3206e-003	-3.7005e-005	-3.8857e-006	2.7981e-005
101	-1.7144e-002	3.9889e-002	2.3414e-003	-4.8019e-005	-1.4713e-005	2.7981e-005
102	-1.9103e-002	3.9889e-002	-1.0199e-003	-4.8019e-005	-1.4713e-005	2.7981e-005
103	7.4794e-003	3.9889e-002	1.2697e-003	-3.7005e-005	-3.8857e-006	2.7981e-005
104	2.8548e-002	-5.6597e-002	-4.7692e-003	8.8359e-005	4.0501e-005	2.7981e-005
105	6.1920e-004	-1.2089e-002	2.1500e-002	3.2620e-005	1.9832e-005	2.7981e-005
106	1.3204e-004	4.2039e-004	-1.0821e-003	1.0403e-005	-2.7714e-006	1.1011e-004
107	1.5317e-002	-1.8300e-002	-2.2250e-003	6.7597e-005	3.6759e-006	1.8945e-005
108	-1.6496e-002	-2.6074e-002	5.2364e-003	7.4571e-005	6.1079e-005	3.5133e-005
109	1.4131e-002	-1.1670e-002	1.3970e-003	5.5714e-005	-2.1012e-006	2.7775e-005
110	-1.9679e-002	-1.9505e-002	-3.3484e-003	3.2871e-005	5.0617e-005	2.3838e-005
111	1.2956e-002	-5.6079e-003	1.3297e-003	3.6667e-005	2.9129e-005	1.2598e-005
112	-2.3180e-002	-1.2485e-002	-2.9362e-003	2.9833e-005	-4.1093e-005	3.9504e-005
113	1.1670e-002	1.5194e-003	-2.5618e-003	2.3392e-005	9.0624e-007	3.0719e-005
114	-2.6039e-002	-6.5126e-003	5.6581e-003	-3.3959e-005	-5.1346e-006	1.8226e-005
115	1.0429e-002	8.7967e-003	7.1430e-004	6.0083e-006	-1.4550e-005	3.0720e-005
116	-2.8984e-002	-4.5429e-004	-2.5182e-003	-8.4444e-005	-1.1435e-006	2.1174e-005
117	9.6941e-003	1.3265e-002	2.1166e-003	-1.8568e-005	7.2834e-006	-2.4881e-005
118	-3.3084e-002	7.9217e-003	-5.3986e-003	-9.3201e-005	-7.5981e-005	7.4849e-005
119	8.6014e-003	1.9422e-002	-2.3487e-003	-3.6720e-005	-6.2559e-006	4.9230e-005
120	6.7880e-003	3.0172e-002	2.1041e-003	-8.0746e-005	-6.7095e-006	-9.7870e-006
121	-3.4986e-002	1.2238e-002	6.6400e-003	-1.3717e-004	-7.6727e-005	-2.5844e-005
122	-3.9632e-002	2.1862e-002	-6.2902e-003	-2.1526e-004	-1.0107e-004	1.0075e-004
123	1.2781e-003	-1.1691e-003	0.0000e+000	0.0000e+000	0.0000e+000	4.2879e-005
124	7.8325e-003	2.4129e-002	4.2758e-004	-5.4582e-005	-2.7354e-005	1.8850e-005

125	-3.5786e-002	1.3924e-002	9.0012e-004	-1.9373e-004	-5.1797e-005	7.6055e-006

SPOSTAMENTI NODALI "Torcente di piano SLO" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:53.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-1.7650e-002	-3.5798e-002	3.8868e-006	9.9238e-005	-1.4887e-005	3.1744e-005
30	-1.8775e-002	1.6367e-002	-1.7174e-005	-4.7735e-005	-1.7748e-005	3.1744e-005
31	1.6423e-002	-1.1133e-001	-1.8561e-004	3.3556e-004	7.0942e-005	4.8646e-005
32	5.7529e-002	-7.9708e-002	1.6200e-004	1.6443e-004	1.1498e-004	4.8646e-005
33	8.7689e-002	-5.6844e-002	-7.9630e-005	1.8061e-004	2.3155e-004	4.8646e-005
34	7.2609e-002	-3.6656e-002	-3.8656e-004	1.7806e-004	2.0791e-004	4.8646e-005
35	4.2205e-002	-5.9763e-002	5.4367e-005	2.0901e-004	1.4851e-004	4.8646e-005
36	5.2343e-003	-8.8221e-002	3.7565e-004	2.9373e-004	8.2937e-005	4.8646e-005
37	4.6827e-002	-3.3335e-003	6.8757e-005	5.4662e-005	1.3177e-004	4.8646e-005
38	1.6666e-002	-2.6197e-002	-1.0742e-005	1.0421e-004	6.7205e-005	4.8646e-005
39	-1.3494e-002	-4.9547e-002	-6.9935e-005	1.7636e-004	9.8782e-006	4.8646e-005
40	2.3477e-002	2.7314e-002	2.6135e-005	-5.3783e-005	4.5318e-005	4.8646e-005
41	-6.4408e-003	4.4499e-003	1.7924e-005	5.0144e-006	-7.6476e-006	4.8646e-005
42	-3.0521e-002	-1.4036e-002	-9.3980e-007	3.4525e-005	-5.5278e-005	4.8646e-005
43	1.2645e-004	5.7961e-002	-6.4409e-005	-1.7826e-004	-3.8355e-005	4.8646e-005
44	-4.7790e-002	2.1476e-002	3.2856e-005	-1.0417e-004	-1.2920e-004	4.8646e-005
45	-2.5413e-002	9.2499e-002	4.9530e-004	-2.9828e-004	-1.4551e-004	4.8646e-005
46	-6.6519e-002	5.9906e-002	-2.9463e-004	-2.4802e-004	-1.9270e-004	4.8646e-005
47	-4.1466e-002	1.1244e-001	-1.6459e-004	-3.3542e-004	-1.3999e-004	4.8646e-005
48	-7.8437e-002	8.4230e-002	-1.7345e-005	-2.6770e-004	-2.2133e-004	4.8646e-005
49	-1.9337e-002	4.0625e-002	-2.2133e-005	-9.3744e-005	-2.4841e-005	3.1744e-005
50	-1.6997e-002	-6.1949e-002	6.2604e-006	1.2122e-004	-2.0074e-005	3.1744e-005
51	2.9667e-002	-6.1949e-002	-1.0400e-005	1.2024e-004	4.8305e-005	3.1744e-005
52	2.3935e-002	-3.5798e-002	-5.3642e-006	6.7340e-005	2.3837e-005	3.1744e-005
53	1.8294e-002	-9.6359e-003	7.3234e-006	4.2071e-005	2.3627e-005	3.1744e-005
54	1.2652e-002	1.6367e-002	1.2558e-005	-2.2297e-005	1.1619e-005	3.1744e-005
55	7.3280e-003	4.0625e-002	2.7366e-005	-8.0461e-005	3.2312e-006	3.1744e-005
56	-1.8212e-002	-9.6359e-003	-4.3620e-006	3.0289e-005	-1.7673e-005	3.1744e-005
57	1.8277e-002	-2.5935e-002	-2.1544e-006	8.2166e-005	5.5297e-005	2.3569e-005
58	1.4558e-002	-5.5629e-003	5.5675e-006	3.6047e-005	4.6055e-005	2.3035e-005
59	1.1491e-002	1.3092e-002	1.0340e-005	-3.4612e-005	3.1094e-005	2.2293e-005

60	-1.3395e-002	-4.0514e-002	-6.3021e-005	1.8116e-004	-1.3354e-005	4.1029e-005
61	-2.7172e-002	-1.2195e-002	-7.6697e-007	3.9008e-005	-7.6754e-005	4.2762e-005
62	-4.0862e-002	1.6408e-002	2.9033e-005	-9.6950e-005	-1.4575e-004	4.3217e-005
63	-5.6319e-002	4.7772e-002	-2.5631e-004	-2.3583e-004	-2.1284e-004	5.2249e-005
64	7.9594e-003	3.3437e-002	2.2721e-005	-1.0660e-004	1.6727e-005	2.1087e-005
65	-1.2102e-002	-4.3071e-002	-2.3367e-002	1.8073e-004	-8.4379e-006	-7.2471e-006
66	2.0042e-002	-3.5057e-002	9.1824e-003	8.3434e-005	5.0824e-005	3.8325e-005
67	4.6367e-002	-2.9428e-001	-2.5590e-004	2.6759e-004	6.5578e-005	1.2492e-004
68	1.5193e-001	-2.1308e-001	2.3519e-004	1.0496e-004	7.0233e-005	1.2492e-004
69	2.2938e-001	-1.5437e-001	-1.4537e-004	1.4787e-004	1.7181e-004	1.2492e-004
70	1.9068e-001	-1.0241e-001	-5.5362e-004	1.7180e-004	1.7285e-004	1.2492e-004
71	1.1261e-001	-1.6175e-001	8.2349e-005	1.7340e-004	1.2479e-004	1.2492e-004
72	1.7667e-002	-2.3483e-001	5.4579e-004	2.5959e-004	9.0320e-005	1.2492e-004
73	1.2454e-001	-1.6605e-002	1.0136e-004	7.3645e-005	1.1573e-004	1.2492e-004
74	4.7086e-002	-7.5317e-002	-1.6634e-005	1.0327e-004	6.9254e-005	1.2492e-004
75	-3.0365e-002	-1.3528e-001	-9.9365e-005	1.5664e-004	2.4006e-005	1.2492e-004
76	6.4625e-002	6.2284e-002	3.3120e-005	-3.1131e-005	3.2885e-005	1.2492e-004
77	-1.2201e-002	3.5716e-003	2.1755e-005	1.1942e-005	-3.1793e-006	1.2492e-004
78	-7.4037e-002	-4.3898e-002	9.8687e-006	3.4311e-005	-3.4190e-005	1.2492e-004
79	4.7228e-003	1.4121e-001	-8.7543e-005	-1.5582e-004	-4.9288e-005	1.2492e-004
80	-1.1832e-001	4.7518e-002	4.2141e-005	-9.2282e-005	-1.0353e-004	1.2492e-004
81	-6.0814e-002	2.3008e-001	6.6619e-004	-2.9135e-004	-1.5986e-004	1.2492e-004
82	-1.6637e-001	1.4638e-001	-3.9217e-004	-2.5044e-004	-1.7961e-004	1.2492e-004
83	-1.0199e-001	2.8147e-001	-2.4905e-004	-3.4015e-004	-2.1083e-004	1.2492e-004
84	-1.9693e-001	2.0902e-001	2.6750e-006	-3.2707e-004	-2.0074e-004	1.2492e-004
85	-1.9197e-002	-6.4208e-002	5.8013e-003	1.0137e-004	-1.7878e-005	3.1744e-005
86	3.8872e-002	-3.0003e-001	1.8816e-002	2.6759e-004	6.5578e-005	1.2492e-004
87	2.3625e-001	-1.4888e-001	-1.5838e-002	1.4787e-004	1.7181e-004	1.2492e-004
88	-2.1515e-001	2.4593e-001	-9.8478e-003	-1.8092e-004	-1.4487e-005	1.2492e-004
89	-1.2696e-001	3.1514e-001	2.7740e-003	-1.2335e-004	-1.2042e-004	1.2492e-004
90	-2.2190e-001	2.4068e-001	-2.0226e-002	-1.8092e-004	-1.4487e-005	1.2492e-004
91	-1.1946e-001	3.2076e-001	1.5594e-002	-1.2335e-004	-1.2042e-004	1.2492e-004
92	3.4665e-002	-6.5601e-002	4.8675e-004	2.0238e-005	-2.3106e-005	4.8646e-005
93	1.9950e-002	-7.6911e-002	6.1498e-004	4.0980e-005	-5.6619e-005	4.8646e-005
94	8.8828e-003	-3.2229e-002	-2.0054e-004	2.0344e-005	-2.6996e-005	4.8646e-005
95	2.1774e-002	-4.8915e-002	-4.2957e-004	3.9916e-007	2.7981e-006	4.8646e-005
96	-7.1705e-003	-6.2293e-002	-5.9282e-003	1.8046e-004	1.0576e-004	4.8646e-005
97	1.0237e-002	-5.4247e-002	-2.4305e-003	-9.9761e-006	5.6566e-006	4.8646e-005
98	-1.6975e-002	-6.4208e-002	-1.2949e-003	1.0137e-004	-1.7878e-005	3.1744e-005
99	3.0166e-002	-6.4208e-002	1.6064e-003	1.0024e-004	4.5948e-005	3.1744e-005
100	6.2632e-003	4.5254e-002	-1.4982e-003	-4.1981e-005	-4.4083e-006	3.1744e-005
101	-1.9450e-002	4.5254e-002	2.6563e-003	-5.4477e-005	-1.6692e-005	3.1744e-005
102	-2.1672e-002	4.5254e-002	-1.1571e-003	-5.4477e-005	-1.6692e-005	3.1744e-005
103	8.4853e-003	4.5254e-002	1.4405e-003	-4.1981e-005	-4.4083e-006	3.1744e-005
104	3.2388e-002	-6.4208e-002	-5.4106e-003	1.0024e-004	4.5948e-005	3.1744e-005
105	7.0248e-004	-1.3715e-002	2.4391e-002	3.7007e-005	2.2499e-005	3.1744e-005
106	1.4980e-004	4.7693e-004	-1.2276e-003	1.1802e-005	-3.1441e-006	1.2492e-004
107	1.7377e-002	-2.0762e-002	-2.5243e-003	7.6689e-005	4.1702e-006	2.1493e-005
108	-1.8714e-002	-2.9581e-002	5.9407e-003	8.4601e-005	6.9293e-005	3.9859e-005
109	1.6031e-002	-1.3239e-002	1.5849e-003	6.3207e-005	-2.3838e-006	3.1510e-005
110	-2.2325e-002	-2.2128e-002	-3.7988e-003	3.7292e-005	5.7424e-005	2.7044e-005
111	1.4699e-002	-6.3621e-003	1.5086e-003	4.1599e-005	3.3046e-005	1.4292e-005
112	-2.6298e-002	-1.4164e-002	-3.3311e-003	3.3846e-005	-4.6619e-005	4.4817e-005
113	1.3239e-002	1.7238e-003	-2.9064e-003	2.6538e-005	1.0281e-006	3.4851e-005
114	-2.9541e-002	-7.3885e-003	6.4191e-003	-3.8526e-005	-5.8251e-006	2.0678e-005
115	1.1832e-002	9.9798e-003	8.1037e-004	6.8164e-006	-1.6507e-005	3.4851e-005
116	-3.2882e-002	-5.1539e-004	-2.8568e-003	-9.5801e-005	-1.2973e-006	2.4021e-005
117	1.0998e-002	1.5049e-002	2.4012e-003	-2.1065e-005	8.2630e-006	-2.8227e-005
118	-3.7534e-002	8.9871e-003	-6.1246e-003	-1.0574e-004	-8.6200e-005	8.4916e-005
119	9.7583e-003	2.2034e-002	-2.6645e-003	-4.1658e-005	-7.0973e-006	5.5851e-005
120	7.7009e-003	3.4230e-002	2.3871e-003	-9.1606e-005	-7.6119e-006	-1.1103e-005
121	-3.9691e-002	1.3883e-002	7.5331e-003	-1.5562e-004	-8.7047e-005	-2.9320e-005
122	-4.4963e-002	2.4802e-002	-7.1362e-003	-2.4421e-004	-1.1467e-004	1.1430e-004
123	1.4500e-003	-1.3263e-003	0.0000e+000	0.0000e+000	0.0000e+000	4.8646e-005
124	8.8859e-003	2.7374e-002	4.8508e-004	-6.1923e-005	-3.1033e-005	2.1385e-005

125	-4.0599e-002	1.5796e-002	1.0212e-003	-2.1979e-004	-5.8763e-005	8.6284e-006

SPOSTAMENTI NODALI "Acc_300" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:53.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-6.4717e-005	-2.9709e-004	-2.9225e-009	8.9308e-007	-5.4534e-008	1.5176e-007
30	-6.3336e-005	-8.0640e-005	-8.6297e-008	2.3504e-007	-5.9976e-008	1.5176e-007
31	-8.5416e-004	-5.9490e-004	-1.7309e-003	-3.1078e-005	6.1342e-005	1.8014e-007
32	-7.0194e-004	-4.7781e-004	-2.6002e-003	-3.2396e-005	3.9432e-005	1.8014e-007
33	-5.9026e-004	-3.9314e-004	-1.1527e-003	-2.1280e-005	2.7246e-005	1.8014e-007
34	-6.4610e-004	-3.1838e-004	-3.7009e-003	-4.1924e-005	5.0728e-005	1.8014e-007
35	-7.5869e-004	-4.0395e-004	-5.9445e-003	-1.0311e-006	1.8788e-006	1.8014e-007
36	-8.9560e-004	-5.0933e-004	-2.7548e-003	1.8293e-005	-3.5050e-005	1.8014e-007
37	-7.4158e-004	-1.9498e-004	-4.2526e-003	2.1645e-005	-2.8137e-005	1.8014e-007
38	-8.5326e-004	-2.7965e-004	-6.8012e-003	-2.2139e-005	2.9409e-005	1.8014e-007
39	-9.6495e-004	-3.6612e-004	-4.1446e-003	-4.8334e-006	1.3423e-005	1.8014e-007
40	-8.2804e-004	-8.1495e-005	-5.5086e-003	-4.0551e-005	5.2771e-005	1.8014e-007
41	-9.3883e-004	-1.6616e-004	-3.3264e-003	6.3651e-005	-8.8185e-005	1.8014e-007
42	-1.0280e-003	-2.3462e-004	-5.5086e-003	-3.1659e-005	5.7931e-005	1.8014e-007
43	-9.1451e-004	3.1994e-005	-7.1154e-003	-8.5017e-006	1.3678e-005	1.8014e-007
44	-1.0920e-003	-1.0311e-004	-7.1783e-003	-2.5412e-006	1.0581e-006	1.8014e-007
45	-1.0091e-003	1.5989e-004	-5.4264e-003	6.1010e-005	-9.5778e-005	1.8014e-007
46	-1.1613e-003	3.9200e-005	-5.4764e-003	4.1449e-005	-9.0074e-005	1.8014e-007
47	-1.0685e-003	2.3375e-004	-1.4538e-003	2.5946e-005	-3.7706e-005	1.8014e-007
48	-1.2054e-003	1.2927e-004	-1.6019e-003	2.4880e-005	-5.1459e-005	1.8014e-007
49	-6.2646e-005	1.8858e-005	2.4833e-007	-8.5633e-008	-1.0730e-007	1.5176e-007
50	-6.5517e-005	-4.0301e-004	2.5794e-007	8.8713e-007	-5.8429e-008	1.5176e-007
51	1.5756e-004	-4.0301e-004	-2.1154e-007	8.9744e-007	2.9592e-007	1.5176e-007
52	1.3408e-004	-2.9709e-004	-4.3099e-008	8.2969e-007	2.0727e-007	1.5176e-007
53	1.1049e-004	-1.8849e-004	5.3160e-008	-5.4052e-007	-4.0628e-008	1.5176e-007
54	8.6902e-005	-8.0640e-005	1.4423e-007	1.7565e-007	1.1130e-007	1.5176e-007
55	6.4829e-005	1.8858e-005	-3.4612e-007	2.0959e-007	1.6650e-007	1.5176e-007
56	-6.4026e-005	-1.8849e-004	-9.4557e-009	5.9861e-007	-6.2730e-008	1.5176e-007
57	9.6540e-005	-1.9079e-004	-2.6489e-008	8.9425e-007	3.6102e-007	2.7483e-008
58	1.0607e-004	-2.3449e-004	4.2351e-008	-8.7414e-008	1.7348e-007	5.0112e-007
59	7.2238e-005	-5.0653e-005	1.2600e-007	2.1194e-007	2.1827e-007	3.9642e-007

60	-1.4957e-003	-5.6404e-004	-3.6262e-003	-2.7251e-006	7.1402e-006	1.4129e-007
61	-3.0274e-003	-1.3449e-003	-4.8201e-003	-1.4414e-005	2.5191e-005	-2.5182e-007
62	-1.0476e-003	-1.7827e-004	-6.2816e-003	-8.0138e-007	-2.1181e-006	3.4326e-007
63	2.1896e-003	1.5499e-003	-4.7914e-003	2.0564e-005	-4.7118e-005	4.1793e-007
64	5.2833e-005	5.4831e-005	-3.0873e-007	1.1072e-007	2.0025e-007	-1.4802e-007
65	-1.5041e-003	-5.4719e-004	-1.7262e-003	-2.6895e-006	6.7346e-006	-2.8075e-007
66	8.9849e-005	-1.5650e-004	9.4867e-005	7.8966e-007	7.3016e-007	-3.1833e-007
67	-1.7438e-003	-1.1338e-003	-1.7732e-003	1.0921e-005	-1.6808e-005	4.7243e-007
68	-1.3446e-003	-8.2676e-004	-2.6745e-003	1.0934e-005	-1.4771e-005	4.7243e-007
69	-1.0516e-003	-6.0472e-004	-1.2308e-003	1.9698e-006	-3.7921e-006	4.7243e-007
70	-1.4525e-003	-6.0651e-004	-3.6301e-003	6.2787e-006	-8.0124e-006	4.7243e-007
71	-1.7478e-003	-8.3092e-004	-5.8872e-003	-1.9664e-006	9.3761e-007	4.7243e-007
72	-2.1068e-003	-1.1073e-003	-2.7128e-003	-3.9536e-006	9.4743e-006	4.7243e-007
73	-2.2116e-003	-6.7860e-004	-4.2594e-003	-6.5573e-006	6.3392e-006	4.7243e-007
74	-2.5046e-003	-9.0065e-004	-6.7591e-003	1.0881e-005	-1.6808e-005	4.7243e-007
75	-2.7975e-003	-1.1274e-003	-4.1715e-003	1.3197e-006	-4.1527e-006	4.7243e-007
76	-2.8454e-003	-6.9753e-004	-5.5229e-003	7.5804e-006	-1.0879e-005	4.7243e-007
77	-3.1360e-003	-9.1958e-004	-3.3575e-003	-2.0072e-005	2.5529e-005	4.7243e-007
78	-3.3698e-003	-1.0991e-003	-5.5050e-003	4.4050e-006	-1.1422e-005	4.7243e-007
79	-3.5555e-003	-7.7582e-004	-7.0755e-003	1.0484e-006	-7.0433e-006	4.7243e-007
80	-4.0209e-003	-1.1301e-003	-7.1443e-003	7.4799e-007	-3.9243e-006	4.7243e-007
81	-4.1851e-003	-7.3717e-004	-5.3647e-003	-9.1910e-006	1.1202e-005	4.7243e-007
82	-4.5843e-003	-1.0537e-003	-5.4242e-003	-6.4710e-006	8.9831e-006	4.7243e-007
83	-4.7226e-003	-8.4026e-004	-1.5235e-003	-1.4487e-006	-2.9155e-006	4.7243e-007
84	-5.0817e-003	-1.1143e-003	-1.6627e-003	-3.5992e-006	6.1790e-007	4.7243e-007
85	-7.6168e-005	-4.1315e-004	4.8778e-005	7.4219e-007	-4.5259e-008	1.5176e-007
86	-1.7721e-003	-1.1556e-003	-1.8911e-003	1.0921e-005	-1.6808e-005	4.7243e-007
87	-1.0257e-003	-5.8393e-004	-1.1723e-003	1.9698e-006	-3.7921e-006	4.7243e-007
88	-5.2778e-003	-1.0738e-003	-2.3453e-003	-2.8228e-006	7.6487e-007	4.7243e-007
89	-4.9443e-003	-8.1210e-004	-1.0734e-003	-9.7906e-007	-2.1417e-006	4.7243e-007
90	-5.3033e-003	-1.0937e-003	-2.4656e-003	-2.8228e-006	7.6487e-007	4.7243e-007
91	-4.9159e-003	-7.9084e-004	-9.1826e-004	-9.7906e-007	-2.1417e-006	4.7243e-007
92	-7.8661e-004	-4.2557e-004	-2.2988e-001	-6.8189e-004	-5.5836e-004	1.8014e-007
93	-8.4110e-004	-4.6745e-004	-3.1106e-001	3.9113e-004	2.1194e-004	1.8014e-007
94	-8.8209e-004	-3.0199e-004	-1.8129e-001	-4.6391e-004	-3.2125e-004	1.8014e-007
95	-8.3435e-004	-3.6378e-004	-6.6689e-001	-5.7480e-004	-4.2414e-004	1.8014e-007
96	-9.4153e-004	-4.1332e-004	-2.7346e-002	2.2255e-005	-3.7205e-005	1.8014e-007
97	-8.7707e-004	-3.8352e-004	-4.9086e-001	8.0449e-004	2.6141e-004	1.8014e-007
98	-6.5545e-005	-4.1315e-004	-3.1757e-006	7.4219e-007	-4.5259e-008	1.5176e-007
99	1.5981e-004	-4.1315e-004	7.4371e-006	7.5029e-007	2.8158e-007	1.5176e-007
100	6.0414e-005	3.7695e-005	-1.6369e-005	1.7019e-007	1.4524e-007	1.5176e-007
101	-6.2508e-005	3.7695e-005	1.3800e-005	-6.7152e-008	-8.7478e-008	1.5176e-007
102	-7.3130e-005	3.7695e-005	9.0997e-006	-6.7152e-008	-8.7478e-008	1.5176e-007
103	7.1037e-005	3.7695e-005	-2.8282e-005	1.7019e-007	1.4524e-007	1.5176e-007
104	1.7043e-004	-4.1315e-004	-4.5084e-005	7.5029e-007	2.8158e-007	1.5176e-007
105	2.5820e-005	-2.0518e-004	-2.8318e-004	-4.8168e-007	-2.7612e-008	1.5176e-007
106	-3.0554e-003	-9.0491e-004	-7.6411e-004	-1.9785e-005	2.5438e-005	4.7243e-007
107	1.1912e-004	-2.9822e-004	4.9480e-006	6.7078e-007	-6.8684e-008	-8.4033e-007
108	-1.9940e-003	-8.0169e-004	-3.1985e-003	3.0548e-006	-6.7358e-006	-4.0078e-007
109	1.5628e-004	-4.8175e-004	4.1171e-005	3.3324e-007	-7.3774e-009	-3.9099e-007
110	-2.4389e-003	-1.0834e-003	-1.5783e-003	2.1915e-007	-2.7627e-006	4.4248e-007
111	1.2114e-004	-3.0779e-004	1.2594e-005	-6.1430e-008	3.1933e-007	1.8482e-006
112	-2.9617e-003	-1.2435e-003	-3.6287e-003	-1.1174e-005	1.9039e-005	-1.6741e-006
113	1.5350e-004	-4.6236e-004	-3.1550e-005	-1.1077e-008	1.4631e-007	-1.3955e-006
114	-2.5167e-003	-1.0847e-003	-8.3999e-003	-5.1174e-006	6.1533e-006	-2.7857e-007
115	1.5530e-004	-4.6380e-004	-2.4157e-005	1.5398e-007	-1.4689e-007	8.9289e-007
116	-1.7905e-003	-8.9271e-004	-8.3221e-003	1.0685e-006	-6.0373e-006	-4.2681e-007
117	9.0959e-005	-1.4411e-004	6.3907e-006	2.1835e-007	6.4217e-009	1.2479e-006
118	-1.2327e-003	-4.4236e-004	-6.6461e-003	9.1633e-007	-5.5406e-006	1.9043e-006
119	4.8971e-005	6.4291e-005	-2.2997e-005	1.8893e-007	2.1343e-007	3.0561e-007
120	2.7950e-005	1.7463e-004	-3.4846e-006	2.1318e-007	-1.8536e-007	-9.1372e-007
121	-4.1705e-004	2.4151e-005	-7.1605e-003	-6.5940e-006	9.1827e-006	-1.4199e-006
122	1.7140e-003	6.8741e-004	-1.0924e-002	4.7785e-006	-1.3867e-005	3.0553e-006
123	-9.0961e-004	-1.8755e-004	0.0000e+000	0.0000e+000	0.0000e+000	1.8014e-007
124	6.8399e-005	-2.7061e-005	-3.7988e-005	1.8465e-007	6.9901e-008	5.4889e-007

125	7.7110e-004	7.5270e-005	-1.0702e-002	-6.8961e-006	9.5723e-006	-1.3022e-006

SPOSTAMENTI NODALI "Acc_150" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:53.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-6.9869e-003	-1.0853e-004	-4.9586e-003	9.2539e-007	-6.0615e-005	-2.1631e-006
30	-5.7214e-003	-3.3009e-003	-3.2327e-003	1.0988e-005	-1.7044e-005	-2.1631e-006
31	-1.9104e-003	-2.3675e-003	-8.8606e-004	7.2897e-006	-6.0061e-006	9.1272e-007
32	-1.1391e-003	-1.7742e-003	-1.2302e-003	6.2821e-006	-6.3192e-006	9.1272e-007
33	-5.7321e-004	-1.3452e-003	-6.4114e-004	3.0619e-006	-9.4558e-007	9.1272e-007
34	-8.5616e-004	-9.6645e-004	-2.3070e-003	4.6923e-006	-3.9343e-006	9.1272e-007
35	-1.4266e-003	-1.4000e-003	-3.4274e-003	6.5670e-006	-7.7873e-006	9.1272e-007
36	-2.1203e-003	-1.9339e-003	-2.6271e-003	4.5328e-006	-3.1338e-006	9.1272e-007
37	-1.3399e-003	-3.4124e-004	-2.6000e-003	-4.9883e-006	3.2678e-006	9.1272e-007
38	-1.9058e-003	-7.7022e-004	-3.6853e-003	-2.0467e-006	-5.0451e-007	9.1272e-007
39	-2.4717e-003	-1.2083e-003	-5.3031e-003	7.6591e-006	-9.6956e-006	9.1272e-007
40	-1.7780e-003	2.3378e-004	-3.1094e-003	6.6905e-007	-6.4815e-006	9.1272e-007
41	-2.3393e-003	-1.9520e-004	-1.5952e-003	-1.0254e-005	8.9901e-006	9.1272e-007
42	-2.7911e-003	-5.4204e-004	-5.4854e-003	3.6703e-006	-1.5190e-005	9.1272e-007
43	-2.2161e-003	8.0879e-004	-4.0333e-003	-3.1136e-006	-8.4347e-006	9.1272e-007
44	-3.1151e-003	1.2425e-004	-6.1705e-003	-2.9530e-006	-1.0096e-005	9.1272e-007
45	-2.6953e-003	1.4568e-003	-2.9993e-003	-1.7032e-005	8.1838e-006	9.1272e-007
46	-3.4665e-003	8.4530e-004	-3.8365e-003	-1.8053e-006	-1.5030e-005	9.1272e-007
47	-2.9965e-003	1.8310e-003	-2.2135e-003	3.1631e-006	-1.9823e-005	9.1272e-007
48	-3.6902e-003	1.3017e-003	-2.2071e-003	5.5985e-007	-1.6326e-005	9.1272e-007
49	-5.0886e-003	-4.7727e-003	-1.6735e-003	1.1072e-005	-9.2031e-005	-2.1631e-006
50	-7.7209e-003	1.4634e-003	-2.9650e-003	3.3266e-007	2.0980e-004	-2.1631e-006
51	-1.0901e-002	1.4634e-003	-3.0159e-003	-4.3601e-005	2.1234e-004	-2.1631e-006
52	-9.8206e-003	-1.0853e-004	-7.9134e-003	2.3179e-006	-5.7115e-005	-2.1631e-006
53	-8.8417e-003	-1.7101e-003	-6.3789e-003	4.6180e-006	-2.5344e-005	-2.1631e-006
54	-7.8628e-003	-3.3009e-003	-5.2975e-003	1.3267e-005	-3.2113e-005	-2.1631e-006
55	-6.9056e-003	-4.7727e-003	-2.5391e-003	2.8326e-005	-1.1801e-004	-2.1631e-006
56	-6.3541e-003	-1.7101e-003	-3.7663e-003	5.7692e-006	-1.0338e-005	-2.1631e-006
57	-2.6139e-003	9.6014e-005	-6.5435e-003	4.5956e-006	-6.2377e-005	-1.4662e-006
58	-5.0040e-003	-9.3187e-004	-5.4854e-003	9.8792e-006	-4.5200e-005	-9.4889e-007
59	-5.0903e-003	-2.1579e-003	-4.6810e-003	1.7471e-005	-5.1780e-005	-2.2195e-006

60	-1.3278e-003	-4.6769e-004	-4.9966e-003	2.2112e-005	-3.6967e-005	6.4512e-007
61	-1.8376e-003	-2.8846e-004	-5.1120e-003	6.5645e-006	-2.3237e-005	7.0275e-007
62	-2.4423e-003	3.9609e-005	-5.6597e-003	-6.7304e-007	-1.5922e-005	7.3972e-007
63	-1.6800e-003	1.2575e-003	-3.4511e-003	1.9287e-005	-5.8049e-005	2.4355e-006
64	-2.0766e-003	-3.4073e-003	-2.3084e-003	3.1208e-005	-1.1227e-004	-3.0304e-006
65	-1.5469e-003	-2.9764e-005	-6.3693e-001	1.6532e-003	-3.2852e-003	-2.9949e-006
66	-2.5454e-003	-2.5697e-004	-6.1693e-001	6.7561e-004	-3.5294e-003	2.8535e-006
67	-4.9452e-003	-5.6357e-003	-1.8678e-003	-2.2810e-005	4.4121e-005	2.0448e-006
68	-3.2173e-003	-4.3066e-003	-2.6048e-003	-2.8304e-005	3.6217e-005	2.0448e-006
69	-1.9496e-003	-3.3455e-003	-1.3429e-003	-2.0606e-005	2.7653e-005	2.0448e-006
70	-1.8858e-003	-2.0288e-003	-5.0052e-003	-3.7580e-005	4.6476e-005	2.0448e-006
71	-3.1638e-003	-3.0001e-003	-7.4321e-003	-3.4093e-005	4.7052e-005	2.0448e-006
72	-4.7179e-003	-4.1963e-003	-5.6819e-003	-2.2439e-005	4.5264e-005	2.0448e-006
73	-1.5743e-003	3.0816e-004	-5.4596e-003	1.8869e-005	-2.3886e-005	2.0448e-006
74	-2.8421e-003	-6.5291e-004	-7.7685e-003	1.3503e-005	-1.7027e-005	2.0448e-006
75	-4.1099e-003	-1.6344e-003	-7.9906e-003	1.5923e-005	-3.9850e-005	2.0448e-006
76	-1.4396e-003	2.3454e-003	-6.3998e-003	-2.7889e-005	3.7207e-005	2.0448e-006
77	-2.6972e-003	1.3843e-003	-3.2545e-003	4.7515e-005	-6.9992e-005	2.0448e-006
78	-3.7094e-003	6.0730e-004	-8.6602e-003	-3.5412e-005	5.2469e-005	2.0448e-006
79	-1.0956e-003	4.5231e-003	-8.1454e-003	-1.7456e-005	2.0982e-005	2.0448e-006
80	-3.1098e-003	2.9895e-003	-1.0321e-002	-1.1398e-005	8.7631e-006	2.0448e-006
81	-1.1227e-003	6.6771e-003	-5.9172e-003	5.4771e-005	-9.2866e-005	2.0448e-006
82	-2.8506e-003	5.3070e-003	-6.8076e-003	3.3056e-005	-9.0438e-005	2.0448e-006
83	-7.5109e-004	8.2176e-003	-4.2918e-003	-5.7139e-005	6.3702e-005	2.0448e-006
84	-2.3051e-003	7.0316e-003	-4.3144e-003	-4.4266e-005	5.4596e-005	2.0448e-006
85	-7.5948e-003	1.6101e-003	1.1661e-002	2.3758e-006	2.0680e-004	-2.1631e-006
86	-5.0679e-003	-5.7298e-003	-1.2068e-003	-2.2810e-005	4.4121e-005	2.0448e-006
87	-1.8371e-003	-3.2555e-003	-1.4263e-003	-2.0606e-005	2.7653e-005	2.0448e-006
88	-2.2549e-003	7.8689e-003	-6.8169e-002	-1.2493e-004	1.9635e-004	2.0448e-006
89	-8.1124e-004	9.0018e-003	-7.6826e-002	-1.5613e-004	2.0053e-004	2.0448e-006
90	-2.3653e-003	7.7830e-003	-6.6669e-002	-1.2493e-004	1.9635e-004	2.0448e-006
91	-6.8855e-004	9.0938e-003	-7.6482e-002	-1.5613e-004	2.0053e-004	2.0448e-006
92	-1.5681e-003	-1.5095e-003	-3.2300e-003	6.2147e-006	-6.5478e-006	9.1272e-007
93	-1.8442e-003	-1.7217e-003	-2.9336e-003	4.3835e-006	-5.0208e-006	9.1272e-007
94	-2.0518e-003	-8.8340e-004	-4.1096e-003	1.9210e-008	-3.2187e-006	9.1272e-007
95	-1.8100e-003	-1.1965e-003	-3.7966e-003	-9.6239e-007	8.8224e-007	9.1272e-007
96	-2.3530e-003	-1.4475e-003	-5.8867e-003	1.0007e-007	5.9274e-006	9.1272e-007
97	-2.0264e-003	-1.2965e-003	-4.5875e-003	-3.7301e-006	1.3709e-006	9.1272e-007
98	-7.7462e-003	1.6101e-003	1.1495e-002	2.3758e-006	2.0680e-004	-2.1631e-006
99	-1.0958e-002	1.6101e-003	1.2241e-002	-3.8237e-005	2.0946e-004	-2.1631e-006
100	-6.7142e-003	-5.0520e-003	1.2215e-002	1.4013e-005	-9.6315e-005	-2.1631e-006
101	-4.9620e-003	-5.0520e-003	9.4976e-003	3.6996e-006	-7.7587e-005	-2.1631e-006
102	-4.8106e-003	-5.0520e-003	9.7566e-003	3.6996e-006	-7.7587e-005	-2.1631e-006
103	-6.8656e-003	-5.0520e-003	1.1234e-002	1.4013e-005	-9.6315e-005	-2.1631e-006
104	-1.1110e-002	1.6101e-003	1.4918e-002	-3.8237e-005	2.0946e-004	-2.1631e-006
105	-7.7445e-003	-1.4631e-003	-6.8947e-003	4.7231e-006	-2.5311e-005	-2.1631e-006
106	-2.5877e-003	1.2717e-003	-9.6275e-003	4.6813e-005	-6.9763e-005	2.0448e-006
107	-3.2488e-003	-8.6673e-004	-3.2557e-001	-2.3503e-004	1.3139e-003	-3.0315e-006
108	-1.4637e-003	-4.6651e-004	-3.2902e-001	-5.5816e-004	1.2004e-003	-6.5171e-007
109	-3.9646e-003	-1.3071e-003	-3.7584e-001	2.5036e-004	-9.8150e-004	1.3067e-006
110	-1.4846e-003	-6.9313e-004	-3.7602e-001	4.7021e-004	-8.9682e-004	7.5222e-007
111	-4.8507e-003	-9.1550e-004	-2.8711e-002	1.7919e-004	-8.1093e-004	1.2604e-006
112	-1.8025e-003	-3.1251e-004	-2.5686e-002	3.5278e-004	-7.0367e-004	1.0898e-006
113	-5.0707e-003	-1.0186e-003	-2.0379e-001	-2.4580e-004	1.2780e-003	-1.9090e-007
114	-1.9432e-003	-3.1155e-004	-2.0849e-001	-5.8767e-004	1.1649e-003	4.2728e-008
115	-5.1599e-003	-1.1093e-003	-3.4362e-001	1.1788e-004	-4.3185e-004	6.0359e-007
116	-2.0114e-003	-4.7724e-004	-3.4551e-001	2.0327e-004	-4.5344e-004	-1.2271e-006
117	-5.1848e-003	-1.5047e-003	-7.2043e-002	2.3762e-004	-1.0863e-003	-7.0152e-006
118	-2.1877e-003	-4.1046e-004	-7.2083e-002	4.7527e-004	-1.0092e-003	5.7860e-006
119	-4.6224e-003	-1.7826e-003	-9.1444e-002	-1.7034e-004	8.6461e-004	1.1982e-006
120	-2.5928e-003	-2.6837e-003	-5.6020e-002	1.6839e-004	-7.8169e-004	-8.0691e-006
121	-1.7629e-003	-8.7806e-004	-1.4090e-001	-5.8133e-004	1.1644e-003	-8.6452e-006
122	-5.0527e-004	-1.7474e-003	-1.8526e-001	5.6480e-004	-1.1629e-003	1.4759e-005
123	-2.1913e-003	-3.0358e-004	0.0000e+000	0.0000e+000	0.0000e+000	9.1272e-007
124	-3.5717e-003	-2.3921e-003	-2.2065e-001	3.4665e-005	-1.2515e-004	-1.7671e-006

125	-8.1407e-004	-1.9680e-003	-3.8231e-001	-8.3555e-005	1.2102e-004	-4.9214e-006

SPOSTAMENTI NODALI "Perma g2" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:53.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-2.9100e-003	-1.0214e-003	-8.1081e-003	3.4233e-006	-7.3926e-005	-1.1971e-007
30	-1.6002e-003	-9.0277e-004	-5.2998e-003	3.4215e-006	-2.4153e-005	-1.1971e-007
31	-1.2016e-003	-1.6060e-003	-3.4309e-003	-2.9012e-005	6.3243e-005	6.0855e-007
32	-6.8739e-004	-1.2104e-003	-4.4692e-003	-2.5906e-005	3.2687e-005	6.0855e-007
33	-3.1008e-004	-9.2441e-004	-2.5301e-003	-2.4463e-005	3.4407e-005	6.0855e-007
34	-4.9874e-004	-6.7186e-004	-8.6300e-003	-4.6210e-005	5.8969e-005	6.0855e-007
35	-8.7908e-004	-9.6092e-004	-1.3406e-002	-7.9267e-006	1.2217e-005	6.0855e-007
36	-1.3416e-003	-1.3169e-003	-9.3178e-003	8.2407e-006	-8.7564e-006	6.0855e-007
37	-8.2127e-004	-2.5500e-004	-9.8398e-003	1.8533e-005	-2.4394e-005	6.0855e-007
38	-1.1986e-003	-5.4102e-004	-1.4177e-002	-1.0509e-005	1.3551e-005	6.0855e-007
39	-1.5759e-003	-8.3312e-004	-1.1133e-002	1.0247e-006	5.1323e-006	6.0855e-007
40	-1.1134e-003	1.2839e-004	-1.1751e-002	-3.7443e-005	4.7378e-005	6.0855e-007
41	-1.4876e-003	-1.5763e-004	-6.0722e-003	4.3841e-005	-6.3816e-005	6.0855e-007
42	-1.7889e-003	-3.8888e-004	-1.2681e-002	-2.8877e-005	4.6999e-005	6.0855e-007
43	-1.4055e-003	5.1178e-004	-1.4772e-002	-1.3094e-005	1.3840e-005	6.0855e-007
44	-2.0049e-003	5.5364e-005	-1.5748e-002	-5.8904e-006	7.1601e-007	6.0855e-007
45	-1.7250e-003	9.4385e-004	-1.1142e-002	5.0650e-005	-8.8956e-005	6.0855e-007
46	-2.2392e-003	5.3612e-004	-1.1607e-002	3.8476e-005	-9.2290e-005	6.0855e-007
47	-1.9258e-003	1.1934e-003	-5.3164e-003	4.4114e-005	-6.8995e-005	6.0855e-007
48	-2.3883e-003	8.4040e-004	-5.5071e-003	3.8781e-005	-8.2962e-005	6.0855e-007
49	-9.4531e-004	-8.3659e-004	-2.7694e-003	1.8366e-006	-1.3142e-004	-1.1971e-007
50	-3.6696e-003	-1.1056e-003	-4.6479e-003	6.5829e-006	3.3961e-004	-1.1971e-007
51	-3.8456e-003	-1.1056e-003	-4.7191e-003	-5.7310e-005	3.4928e-004	-1.1971e-007
52	-3.0668e-003	-1.0214e-003	-9.4151e-003	1.6390e-005	-6.5309e-005	-1.1971e-007
53	-2.3928e-003	-9.6237e-004	-7.5342e-003	6.2123e-006	-2.6196e-005	-1.1971e-007
54	-1.7187e-003	-9.0277e-004	-6.1899e-003	9.1488e-006	-3.7081e-005	-1.1971e-007
55	-1.0459e-003	-8.3659e-004	-3.1674e-003	2.4898e-005	-1.3459e-004	-1.1971e-007
56	-2.2551e-003	-9.6237e-004	-6.3725e-003	3.2993e-006	-1.5406e-005	-1.1971e-007
57	2.3560e-003	3.6050e-004	-7.1746e-003	6.0089e-006	-2.4070e-005	-2.9145e-007
58	2.7354e-004	-3.0721e-004	-6.0272e-003	6.1575e-006	-2.2681e-005	3.7962e-007
59	3.5521e-004	-3.4614e-004	-5.1865e-003	8.3623e-006	-3.0471e-005	-7.9189e-008

60	-1.4966e-003	-6.3716e-004	-9.8837e-003	7.3890e-006	-9.4165e-006	3.9803e-007
61	-3.2488e-003	-1.3600e-003	-1.1221e-002	-1.1441e-005	1.4179e-005	2.9735e-007
62	-1.8335e-003	-1.3407e-004	-1.3884e-002	-2.2336e-006	-6.3020e-006	6.7666e-007
63	1.6708e-003	2.1207e-003	-1.0194e-002	2.6854e-005	-6.7869e-005	1.3525e-006
64	3.4231e-003	-3.2730e-005	-2.7823e-003	1.7332e-005	-8.4724e-005	-7.9689e-007
65	-1.5527e-003	-5.2475e-004	-2.6130e-001	6.5984e-004	-1.3090e-003	-1.1542e-006
66	2.3420e-003	4.3231e-004	-2.5127e-001	2.7433e-004	-1.4106e-003	-5.2732e-007
67	-5.5706e-003	-5.7021e-003	-5.0895e-003	-2.7964e-005	5.5504e-005	1.6413e-006
68	-4.1837e-003	-4.6353e-003	-6.6920e-003	-3.5022e-005	4.3697e-005	1.6413e-006
69	-3.1661e-003	-3.8639e-003	-3.8256e-003	-3.3359e-005	4.3020e-005	1.6413e-006
70	-2.7370e-003	-2.5385e-003	-1.3168e-002	-5.6724e-005	7.0060e-005	1.6413e-006
71	-3.7628e-003	-3.3182e-003	-2.0041e-002	-6.3369e-005	8.5284e-005	1.6413e-006
72	-5.0102e-003	-4.2783e-003	-1.4670e-002	-4.8957e-005	9.9365e-005	1.6413e-006
73	-1.7312e-003	-1.2587e-004	-1.4756e-002	2.5084e-005	-3.1095e-005	1.6413e-006
74	-2.7488e-003	-8.9728e-004	-2.1237e-002	3.1648e-005	-3.9937e-005	1.6413e-006
75	-3.7664e-003	-1.6851e-003	-1.6170e-002	3.3894e-005	-7.6903e-005	1.6413e-006
76	-1.0185e-003	1.9389e-003	-1.7264e-002	-3.2453e-005	4.7338e-005	1.6413e-006
77	-2.0279e-003	1.1674e-003	-8.9715e-003	6.5380e-005	-9.4097e-005	1.6413e-006
78	-2.8403e-003	5.4375e-004	-1.8093e-002	-4.4952e-005	6.5362e-005	1.6413e-006
79	-2.4428e-005	4.1968e-003	-2.1376e-002	-1.9216e-005	2.5213e-005	1.6413e-006
80	-1.6411e-003	2.9659e-003	-2.2423e-002	-1.3177e-005	1.0584e-005	1.6413e-006
81	5.2065e-004	6.3284e-003	-1.5674e-002	8.4936e-005	-1.3179e-004	1.6413e-006
82	-8.6625e-004	5.2288e-003	-1.6236e-002	5.4027e-005	-1.3586e-004	1.6413e-006
83	1.3858e-003	7.9677e-003	-8.7248e-003	-9.0829e-005	1.1075e-004	1.6413e-006
84	1.3839e-004	7.0157e-003	-8.9329e-003	-7.3500e-005	1.0290e-004	1.6413e-006
85	-3.6875e-003	-1.1034e-003	1.9371e-002	8.5303e-006	3.3503e-004	-1.1971e-007
86	-5.6690e-003	-5.7776e-003	-4.2141e-003	-2.7964e-005	5.5504e-005	1.6413e-006
87	-3.0758e-003	-3.7917e-003	-3.8838e-003	-3.3359e-005	4.3020e-005	1.6413e-006
88	3.6769e-004	7.8220e-003	-1.1633e-001	-2.0743e-004	3.2753e-004	1.6413e-006
89	1.5264e-003	8.7313e-003	-1.2856e-001	-2.5690e-004	3.3164e-004	1.6413e-006
90	2.7906e-004	7.7531e-003	-1.1378e-001	-2.0743e-004	3.2753e-004	1.6413e-006
91	1.6249e-003	8.8051e-003	-1.2807e-001	-2.5690e-004	3.3164e-004	1.6413e-006
92	-9.7341e-004	-1.0339e-003	-3.6900e-001	-1.0977e-003	-8.6341e-004	6.0855e-007
93	-1.1575e-003	-1.1754e-003	-5.0185e-001	5.6611e-004	3.6872e-004	6.0855e-007
94	-1.2959e-003	-6.1648e-004	-2.1246e-001	-5.2481e-004	-3.9020e-004	6.0855e-007
95	-1.1347e-003	-8.2521e-004	-8.5212e-001	-7.0794e-004	-7.3093e-004	6.0855e-007
96	-1.4968e-003	-9.9256e-004	-5.7762e-002	6.2795e-005	-1.1450e-004	6.0855e-007
97	-1.2790e-003	-8.9192e-004	-6.1453e-001	1.0884e-003	2.0701e-004	6.0855e-007
98	-3.6958e-003	-1.1034e-003	1.8774e-002	8.5303e-006	3.3503e-004	-1.1971e-007
99	-3.8736e-003	-1.1034e-003	2.0181e-002	-5.0467e-005	3.4451e-004	-1.1971e-007
100	-9.1130e-004	-8.2251e-004	1.2921e-002	1.2680e-005	-1.0580e-004	-1.1971e-007
101	-8.1434e-004	-8.2251e-004	1.2628e-002	-9.2599e-007	-1.0518e-004	-1.1971e-007
102	-8.0596e-004	-8.2251e-004	1.2563e-002	-9.2599e-007	-1.0518e-004	-1.1971e-007
103	-9.1968e-004	-8.2251e-004	1.2033e-002	1.2680e-005	-1.0580e-004	-1.1971e-007
104	-3.8820e-003	-1.1034e-003	2.3713e-002	-5.0467e-005	3.4451e-004	-1.1971e-007
105	-2.4379e-003	-9.7390e-004	-7.3257e-003	6.1668e-006	-2.6195e-005	-1.1971e-007
106	-1.9903e-003	1.0413e-003	-1.7687e-002	6.4419e-005	-9.3784e-005	1.6413e-006
107	1.7635e-003	-2.0462e-004	-1.3488e-001	-9.0812e-005	5.2652e-004	-2.6361e-006
108	-1.9508e-003	-1.0951e-003	-1.3893e-001	-2.2042e-004	4.7407e-004	-1.8157e-006
109	1.1893e-003	-7.6791e-004	-1.5495e-001	1.0267e-004	-3.9301e-004	2.8426e-007
110	-2.3646e-003	-1.5652e-003	-1.5637e-001	1.8772e-004	-3.6068e-004	1.1403e-006
111	4.1682e-004	-3.5402e-004	-1.5534e-002	7.3843e-005	-3.2790e-004	2.2045e-006
112	-3.1502e-003	-1.3101e-003	-1.8325e-002	1.3003e-004	-2.6358e-004	8.4633e-008
113	3.1575e-004	-4.2600e-004	-8.5089e-002	-9.7814e-005	5.1284e-004	-8.6387e-007
114	-2.8535e-003	-1.1421e-003	-9.6022e-002	-2.4064e-004	4.7225e-004	-2.7215e-007
115	3.2942e-004	-3.7801e-004	-1.4166e-001	4.6975e-005	-1.7059e-004	1.0283e-006
116	-2.2869e-003	-9.8036e-004	-1.5107e-001	8.1314e-005	-1.8581e-004	-5.7697e-007
117	3.1928e-004	-2.1728e-004	-3.2845e-002	9.5675e-005	-4.3942e-004	-1.3929e-006
118	-1.8962e-003	-5.2863e-004	-4.0575e-002	1.8981e-004	-4.0714e-004	3.7388e-006
119	9.0156e-004	2.7012e-006	-3.9746e-002	-7.0412e-005	3.5158e-004	8.3935e-007
120	2.9454e-003	2.5834e-004	-2.7226e-002	6.8559e-005	-3.3284e-004	-3.7145e-006
121	-9.6899e-004	-2.2579e-004	-6.8961e-002	-2.3871e-004	4.7413e-004	-4.2399e-006
122	1.5821e-003	2.3501e-004	-8.9002e-002	2.3124e-004	-4.8091e-004	7.7366e-006
123	-1.3889e-003	-2.2989e-004	0.0000e+000	0.0000e+000	0.0000e+000	6.0855e-007
124	1.9635e-003	-4.6333e-005	-9.3899e-002	1.0283e-005	-4.2266e-005	2.0366e-007

125	5.1928e-004	-4.6044e-004	-1.6841e-001	-3.8864e-005	5.4953e-005	-2.9082e-006

SPOSTAMENTI NODALI "Perma" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:53.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-5.8161e-004	2.0263e-003	-2.3473e-002	1.0382e-004	-1.7136e-004	-1.0518e-006
30	1.9280e-003	-1.5132e-004	-1.6296e-002	2.2258e-005	-8.0922e-005	-1.0518e-006
31	8.3986e-004	-6.2573e-003	-1.3933e-002	3.8992e-005	2.0761e-004	2.3202e-006
32	2.8004e-003	-4.7491e-003	-1.8651e-002	-9.9391e-005	5.3536e-005	2.3202e-006
33	4.2390e-003	-3.6586e-003	-1.0978e-002	-8.7899e-005	6.1716e-005	2.3202e-006
34	3.5197e-003	-2.6957e-003	-2.3809e-002	-8.7301e-005	1.3985e-004	2.3202e-006
35	2.0696e-003	-3.7978e-003	-3.3923e-002	5.0323e-006	2.2098e-005	2.3202e-006
36	3.0621e-004	-5.1552e-003	-2.5263e-002	4.2395e-005	-2.9238e-005	2.3202e-006
37	2.2900e-003	-1.1064e-003	-2.6649e-002	3.5249e-005	-2.5417e-005	2.3202e-006
38	8.5146e-004	-2.1969e-003	-3.6739e-002	-4.1239e-005	7.7892e-005	2.3202e-006
39	-5.8707e-004	-3.3106e-003	-2.8855e-002	-1.0127e-005	4.9347e-005	2.3202e-006
40	1.1763e-003	3.5535e-004	-3.2404e-002	-1.0282e-004	7.5826e-005	2.3202e-006
41	-2.5064e-004	-7.3515e-004	-1.9974e-002	1.0139e-004	-1.0978e-004	2.3202e-006
42	-1.3991e-003	-1.6168e-003	-3.2697e-002	-3.2728e-005	1.0771e-004	2.3202e-006
43	6.2589e-005	1.8171e-003	-3.7555e-002	-3.2673e-005	3.3014e-005	2.3202e-006
44	-2.2228e-003	7.6928e-005	-3.8450e-002	-1.2965e-005	9.3691e-006	2.3202e-006
45	-1.1555e-003	3.4644e-003	-2.8114e-002	4.5386e-005	-1.4971e-004	2.3202e-006
46	-3.1161e-003	1.9099e-003	-2.8856e-002	6.6163e-005	-1.2932e-004	2.3202e-006
47	-1.9212e-003	4.4157e-003	-2.1977e-002	-3.0356e-005	-3.2927e-004	2.3202e-006
48	-3.6846e-003	3.0700e-003	-2.2231e-002	2.7938e-004	-1.2537e-004	2.3202e-006
49	3.1828e-003	-1.1796e-003	-1.1048e-002	1.4029e-004	-2.2335e-004	-1.0518e-006
50	-2.0372e-003	3.1533e-003	-1.8087e-002	7.1016e-004	7.8385e-004	-1.0518e-006
51	-3.5834e-003	3.1533e-003	-1.8181e-002	-8.3938e-004	7.5905e-004	-1.0518e-006
52	-1.9595e-003	2.0263e-003	-2.4949e-002	-5.8474e-005	-1.8183e-004	-1.0518e-006
53	-5.3640e-004	9.3485e-004	-2.0410e-002	-1.2779e-005	-5.0780e-005	-1.0518e-006
54	8.8670e-004	-1.5132e-004	-1.7097e-002	-3.5668e-006	-9.8571e-005	-1.0518e-006
55	2.2993e-003	-1.1796e-003	-1.1464e-002	-8.6803e-005	-2.3925e-004	-1.0518e-006
56	6.7319e-004	9.3485e-004	-1.9266e-002	1.5670e-005	-1.8699e-005	-1.0518e-006
57	1.0037e-002	-2.3669e-003	-1.8602e-002	-9.9013e-006	-2.0476e-005	-6.7028e-007
58	4.2417e-003	3.2617e-004	-1.6009e-002	-2.0725e-006	-3.2801e-005	1.0595e-006
59	5.1361e-003	5.5071e-005	-1.4122e-002	6.6025e-008	-4.3659e-005	-9.7565e-007

60	-2.3168e-003	-3.5338e-003	-2.5424e-002	2.1745e-006	1.9464e-005	1.6862e-006
61	-5.1291e-003	-2.6352e-003	-2.8768e-002	-1.0270e-005	4.6189e-005	1.4528e-006
62	-2.3984e-003	-3.9532e-004	-3.3782e-002	-6.6000e-006	-7.5029e-007	1.8295e-006
63	2.0655e-003	4.3875e-003	-2.5346e-002	3.6088e-005	-8.3070e-005	5.6477e-006
64	9.4788e-003	-4.1135e-003	-1.0010e-002	-4.1472e-005	-1.2828e-004	-3.7136e-006
65	-2.0090e-003	-4.1474e-003	-1.9576e-001	4.5410e-004	-8.8181e-004	2.2835e-006
66	9.8229e-003	-1.2645e-003	-1.8972e-001	1.7527e-004	-9.7787e-004	-6.8892e-006
67	6.5040e-003	-2.3454e-002	-2.1825e-002	1.5635e-004	3.2144e-004	9.4007e-006
68	1.4448e-002	-1.7343e-002	-2.9152e-002	-1.9674e-004	7.2384e-005	9.4007e-006
69	2.0276e-002	-1.2925e-002	-1.7310e-002	-1.7341e-004	8.6866e-005	9.4007e-006
70	1.9567e-002	-7.1263e-003	-3.8075e-002	-1.7410e-004	2.1973e-004	9.4007e-006
71	1.3692e-002	-1.1592e-002	-5.2949e-002	-1.8203e-004	2.3471e-004	9.4007e-006
72	6.5471e-003	-1.7091e-002	-4.1470e-002	-6.8933e-005	3.1534e-004	9.4007e-006
73	1.8995e-002	3.1078e-003	-4.1828e-002	7.2614e-005	-7.9370e-005	9.4007e-006
74	1.3167e-002	-1.3105e-003	-5.6449e-002	8.6813e-005	-7.9906e-005	9.4007e-006
75	7.3381e-003	-5.8229e-003	-4.4358e-002	1.1045e-004	-1.7921e-004	9.4007e-006
76	1.8011e-002	1.2066e-002	-4.9898e-002	-1.5436e-004	1.0335e-004	9.4007e-006
77	1.2230e-002	7.6476e-003	-3.0114e-002	1.9242e-004	-2.2135e-004	9.4007e-006
78	7.5762e-003	4.0754e-003	-4.9866e-002	-8.5561e-005	2.0474e-004	9.4007e-006
79	1.7688e-002	2.1593e-002	-5.7227e-002	-8.5780e-005	1.0397e-004	9.4007e-006
80	8.4288e-003	1.4543e-002	-5.8302e-002	-5.4725e-005	6.2986e-005	9.4007e-006
81	1.6061e-002	3.1114e-002	-4.1159e-002	2.8139e-004	-4.4065e-004	9.4007e-006
82	8.1173e-003	2.4815e-002	-4.2305e-002	1.6889e-004	-4.6260e-004	9.4007e-006
83	1.6266e-002	3.7814e-002	-3.5607e-002	-5.8258e-004	6.3550e-004	9.4007e-006
84	9.1219e-003	3.2362e-002	-3.5688e-002	-4.0169e-004	6.7891e-004	9.4007e-006
85	-2.0138e-003	3.2371e-003	1.0492e-001	1.0438e-003	7.0929e-004	-1.0518e-006
86	5.9400e-003	-2.3886e-002	2.0744e-003	1.5372e-004	3.1942e-004	9.4007e-006
87	2.0793e-002	-1.2511e-002	-1.1806e-002	-1.7132e-004	8.8544e-005	9.4007e-006
88	8.8519e-003	3.6084e-002	-6.9069e-001	-9.0597e-004	2.3080e-003	9.4007e-006
89	1.5489e-002	4.1292e-002	-7.4008e-001	-1.9702e-003	1.7280e-003	9.4007e-006
90	8.3443e-003	3.5689e-002	-6.4287e-001	-9.0792e-004	2.3065e-003	9.4007e-006
91	1.6053e-002	4.1715e-002	-6.9989e-001	-1.9676e-003	1.7299e-003	9.4007e-006
92	1.7099e-003	-4.0763e-003	-8.5224e-001	-2.5723e-003	-2.0447e-003	2.3202e-006
93	1.0081e-003	-4.6157e-003	-1.2004e+000	1.2889e-003	8.1722e-004	2.3202e-006
94	4.8023e-004	-2.4846e-003	-5.9285e-001	-1.5221e-003	-1.0852e-003	2.3202e-006
95	1.0951e-003	-3.2804e-003	-1.9132e+000	-1.9268e-003	-1.6629e-003	2.3202e-006
96	-2.8544e-004	-3.9185e-003	-1.1606e-001	1.2676e-004	-2.0751e-004	2.3202e-006
97	5.4483e-004	-3.5347e-003	-1.3910e+000	2.4084e-003	5.5141e-004	2.3202e-006
98	-2.0874e-003	3.2371e-003	3.1880e-002	1.0464e-003	7.0929e-004	-1.0518e-006
99	-3.6493e-003	3.2371e-003	4.4819e-002	-1.1499e-003	6.8275e-004	-1.0518e-006
100	2.5818e-003	-1.3779e-003	-7.0699e-003	-2.9351e-004	-2.2921e-005	-1.0518e-006
101	3.4338e-003	-1.3779e-003	-2.3596e-003	3.0044e-004	-1.2218e-005	-1.0518e-006
102	3.5074e-003	-1.3779e-003	1.8464e-002	2.9780e-004	-1.2218e-005	-1.0518e-006
103	2.5082e-003	-1.3779e-003	1.3269e-002	-2.9087e-004	-2.2921e-005	-1.0518e-006
104	-3.7230e-003	3.2371e-003	1.2511e-001	-1.1473e-003	6.8275e-004	-1.0518e-006
105	-1.6456e-004	1.1083e-003	-3.2799e-002	-1.0209e-005	-5.0192e-005	-1.0518e-006
106	1.2866e-002	7.1637e-003	-5.4404e-002	1.8973e-004	-2.2052e-004	9.4007e-006
107	8.2714e-003	-1.8883e-003	-1.1237e-001	-7.9947e-005	3.8500e-004	2.1584e-006
108	-2.6544e-003	-4.4208e-003	-1.2129e-001	-1.4884e-004	3.4481e-004	-2.3097e-006
109	6.6200e-003	-1.7389e-003	-1.2760e-001	6.3177e-005	-2.9068e-004	4.8880e-006
110	-3.5513e-003	-4.0473e-003	-1.3230e-001	1.4944e-004	-2.6235e-004	7.4848e-006
111	4.5982e-003	1.3643e-004	-2.3679e-002	4.7360e-005	-2.5764e-004	7.7166e-006
112	-5.0076e-003	-2.5953e-003	-3.2687e-002	9.9271e-005	-1.6936e-004	7.2133e-007
113	4.5124e-003	1.9595e-005	-6.9837e-002	-7.7670e-005	3.5367e-004	-2.3729e-006
114	-4.4790e-003	-2.0145e-003	-9.2229e-002	-1.6207e-004	3.4023e-004	9.5692e-008
115	4.7607e-003	1.0188e-004	-1.0823e-001	2.1588e-005	-1.1902e-004	1.4077e-006
116	-3.3880e-003	-1.7353e-003	-1.2818e-001	6.5927e-005	-1.3694e-004	-1.7604e-006
117	4.9839e-003	2.9351e-004	-3.4013e-002	5.6463e-005	-3.0837e-004	-2.7446e-006
118	-2.5503e-003	-1.0710e-003	-5.1347e-002	1.2883e-004	-2.7641e-004	5.6809e-006
119	5.8252e-003	5.8451e-005	-3.7050e-002	-7.1575e-005	2.5039e-004	-4.7987e-006
120	8.6969e-003	-2.5760e-003	-3.1416e-002	-2.9571e-006	-2.7733e-004	-1.7731e-005
121	-8.7471e-004	-1.0406e-003	-7.3931e-002	-1.7856e-004	3.4872e-004	-1.2480e-005
122	3.9919e-003	-2.5845e-003	-8.8278e-002	1.7781e-004	-3.7140e-004	3.2064e-005
123	1.2571e-004	-1.0106e-003	0.0000e+000	0.0000e+000	0.0000e+000	2.3202e-006
124	7.3933e-003	-1.8915e-003	-7.9404e-002	-3.5031e-005	-2.2613e-005	-3.7229e-006

125		2.2693e-003	-3.2957e-003	-1.4822e-001	-3.1386e-005	4.3496e-005	-1.4752e-005

SFORZI "Torcente di piano SLV" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:53.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	-2.3645e+002	3.8385e-015	-1.1284e+001	4.1032e+001	4.1965e+003	0.0000e+000
	124	2.3645e+002	-3.8385e-015	1.1284e+001	-4.1032e+001	4.4213e+003	0.0000e+000
2	125	3.1815e+001	4.1804e+001	-1.2543e+002	3.1027e+003	4.4898e+003	9.6646e+002
	122	-3.1815e+001	-4.1804e+001	1.2543e+002	-3.1027e+003	2.9058e+004	1.0215e+004
3	121	-3.5925e+001	4.1804e+001	1.0134e+002	3.1047e+003	-1.7737e+004	1.1852e+004
	125	3.5925e+001	-4.1804e+001	-1.0134e+002	-3.1047e+003	-8.6864e+003	-9.5205e+002
4	124	-2.7567e+002	-2.4012e+001	1.3528e+002	1.7509e+003	-1.2874e+004	5.8918e+002
	120	2.7567e+002	2.4012e+001	-1.3528e+002	-1.7509e+003	-2.0953e+004	-6.5935e+003
5	119	-2.6654e+002	-2.4012e+001	-1.0083e+002	1.7522e+003	1.6957e+004	-5.4239e+003
	124	2.6654e+002	2.4012e+001	1.0083e+002	-1.7522e+003	8.4527e+003	-6.2743e+002
8	122	6.3109e+002	-3.7062e-016	-2.1202e+001	-5.5100e+002	8.6117e+003	0.0000e+000
	120	-6.3109e+002	3.7062e-016	2.1202e+001	5.5100e+002	6.1960e+003	0.0000e+000
9	121	4.8388e+002	0.0000e+000	-8.6217e+000	-3.5898e+002	2.8878e+003	0.0000e+000
	119	-4.8388e+002	0.0000e+000	8.6217e+000	3.5898e+002	4.2683e+003	0.0000e+000
10	122	-9.4485e+001	4.1804e+001	4.9334e+002	3.3622e+003	-3.7670e+004	-1.0710e+004
	63	9.4485e+001	-4.1804e+001	-4.9334e+002	-3.3622e+003	-5.7642e+004	1.8786e+004
11	62	7.0747e+001	4.1804e+001	-3.7059e+002	3.1406e+003	4.3497e+004	1.8750e+004
	121	-7.0747e+001	-4.1804e+001	3.7059e+002	-3.1406e+003	1.4849e+004	-1.2168e+004
12	120	-3.1105e+002	-2.4012e+001	-4.9517e+002	1.7633e+003	1.4757e+004	7.1443e+003
	64	3.1105e+002	2.4012e+001	4.9517e+002	-1.7633e+003	3.4770e+004	-9.5460e+003
13	59	-2.5520e+002	-2.4012e+001	3.8187e+002	1.7738e+003	-3.5318e+004	-9.3309e+003
	119	2.5520e+002	2.4012e+001	-3.8187e+002	-1.7738e+003	-2.1225e+004	5.7753e+003
14	118	7.8230e+002	4.1475e-016	-8.4804e+000	-4.6168e+002	4.6277e+003	0.0000e+000
	117	-7.8230e+002	-4.1475e-016	8.4804e+000	4.6168e+002	2.9166e+003	0.0000e+000
15	118	-1.5784e+002	4.9770e+001	6.9295e+002	3.0284e+003	-2.1157e+004	-1.5720e+004
	62	1.5784e+002	-4.9770e+001	-6.9295e+002	-3.0284e+003	-4.7375e+004	2.0643e+004
16	116	8.5242e+000	4.9770e+001	-7.1725e+001	3.3404e+003	1.2740e+003	-2.8312e+003
	118	-8.5242e+000	-4.9770e+001	7.1725e+001	-3.3404e+003	1.6529e+004	1.5185e+004
17	117	-2.7991e+002	-2.1770e+001	-6.8285e+002	1.5746e+003	1.7463e+004	6.8952e+003
	59	2.7991e+002	2.1770e+001	6.8285e+002	-1.5746e+003	4.9498e+004	-9.0300e+003
18	115	-2.7165e+002	-2.1770e+001	9.9943e+001	1.5862e+003	-4.8275e+003	9.4004e+002
	117	2.7165e+002	2.1770e+001	-9.9943e+001	-1.5862e+003	-2.0379e+004	-6.4307e+003
19	116	-1.1396e+002	-1.4272e-016	-6.9307e+000	2.1204e+002	3.2202e+003	0.0000e+000
	115	1.1396e+002	1.4272e-016	6.9307e+000	-2.1204e+002	3.3733e+003	0.0000e+000
20	114	8.6177e+001	-5.3256e-016	-7.6662e+000	5.5121e+001	3.7755e+003	0.0000e+000
	113	-8.6177e+001	5.3256e-016	7.6662e+000	-5.5121e+001	4.0366e+003	0.0000e+000
21	114	-2.5035e+001	4.9770e+001	3.7393e+001	3.3916e+003	-5.2889e+003	9.9857e+003
	116	2.5035e+001	-4.9770e+001	-3.7393e+001	-3.3916e+003	-4.4942e+003	3.0357e+003
22	113	-2.6640e+002	-2.1770e+001	-1.1416e+001	1.6006e+003	1.4541e+003	-4.4101e+003
	115	2.6640e+002	2.1770e+001	1.1416e+001	-1.6006e+003	1.4541e+003	-1.1360e+003
23	61	-1.2012e+001	4.9770e+001	-4.8219e+001	3.3634e+003	8.2768e+003	2.0051e+004
	114	1.2012e+001	-4.9770e+001	4.8219e+001	-3.3634e+003	1.5133e+003	-9.9462e+003
24	58	-2.5716e+002	-2.1770e+001	7.2811e+001	1.6314e+003	-9.1458e+003	-8.7203e+003
	113	2.5716e+002	2.1770e+001	-7.2811e+001	-1.6314e+003	-5.4907e+003	4.3440e+003
25	112	3.5881e+002	4.7087e-017	-6.5670e+000	-5.3661e+002	3.8144e+003	0.0000e+000
	111	-3.5881e+002	-4.7087e-017	6.5670e+000	5.3661e+002	3.2844e+003	0.0000e+000

26	112	2.7309e+001	5.1325e+001	3.4412e+002	2.8463e+003	-6.7296e+003	-1.8403e+004
	61	-2.7309e+001	-5.1325e+001	-3.4412e+002	-2.8463e+003	-9.4477e+003	2.0816e+004
27	110	8.9690e+001	5.1325e+001	-5.8653e+000	3.4353e+003	-1.4200e+003	-4.6726e+003
	112	-8.9690e+001	-5.1325e+001	5.8653e+000	-3.4353e+003	2.9152e+003	1.7756e+004
28	111	-1.6828e+002	-2.2771e+001	-3.2894e+002	1.0182e+003	2.5203e+003	8.2353e+003
	58	1.6828e+002	2.2771e+001	3.2894e+002	-1.0182e+003	1.3608e+004	-9.3517e+003
29	109	-1.5517e+002	-2.2771e+001	2.9237e+001	9.8575e+002	-1.5465e+003	1.9761e+003
	111	1.5517e+002	2.2771e+001	-2.9237e+001	-9.8575e+002	-5.8047e+003	-7.7017e+003
30	110	-8.8057e+000	2.6190e-017	-5.4902e+000	4.2820e+002	3.1017e+003	0.0000e+000
	109	8.8057e+000	-2.6190e-017	5.4902e+000	-4.2820e+002	3.1750e+003	0.0000e+000
31	108	8.2362e+001	5.1325e+001	5.5193e-001	3.4752e+003	1.5454e+003	7.5439e+003
	110	-8.2362e+001	-5.1325e+001	-5.5193e-001	-3.4752e+003	-1.6817e+003	5.1287e+003
32	107	-1.4949e+002	-2.2771e+001	2.2782e+001	1.0329e+003	-4.1040e+003	-3.3420e+003
	109	1.4949e+002	2.2771e+001	-2.2782e+001	-1.0329e+003	-1.6285e+003	-2.3877e+003
33	108	-3.4791e+001	-1.2354e-016	-4.7685e+000	3.8959e+002	3.0166e+003	0.0000e+000
	107	3.4791e+001	1.2354e-016	4.7685e+000	-3.8959e+002	2.7305e+003	0.0000e+000
34	60	7.0347e+001	5.1325e+001	3.3920e+001	3.5236e+003	-4.2829e+003	2.0562e+004
	108	-7.0347e+001	-5.1325e+001	-3.3920e+001	-3.5236e+003	-4.5620e+003	-7.1787e+003
35	57	-1.4620e+002	-2.2771e+001	-1.2538e+001	1.0569e+003	1.8722e+003	-8.8451e+003
	107	1.4620e+002	2.2771e+001	1.2538e+001	-1.0569e+003	1.3735e+003	2.9503e+003
36	60	-1.7827e+003	8.8829e-019	-5.1194e+000	-6.7209e+002	3.4130e+003	0.0000e+000
	57	1.7827e+003	-8.8829e-019	5.1194e+000	6.7209e+002	3.0933e+003	0.0000e+000
37	65	1.0638e+001	1.4211e-014	-3.2441e+001	1.2745e+002	-1.7007e+003	-5.5653e+002
	60	-1.0638e+001	-1.4211e-014	3.2441e+001	-1.2745e+002	1.0014e+004	5.5653e+002
38	66	-1.4555e+000	-2.8422e-014	3.4110e+001	2.8016e+001	-2.4918e+003	5.7025e+002
	57	1.4555e+000	2.8422e-014	-3.4110e+001	-2.8016e+001	-6.1244e+003	-5.7025e+002
68	65	-3.3997e+001	-3.0558e-016	-3.1276e+000	-5.7094e+002	1.7007e+003	0.0000e+000
	66	3.3997e+001	3.0558e-016	3.1276e+000	5.7094e+002	2.4918e+003	0.0000e+000
6	53	-1.3084e+002	9.7843e-001	1.1733e-001	2.5035e-001	-3.3482e+001	5.5841e+002
	105	1.3084e+002	-9.7843e-001	-1.1733e-001	-2.5035e-001	-3.3478e+001	9.0655e-013
7	106	6.5470e+001	8.5408e-001	7.5532e-002	5.0213e-002	-3.8491e+000	8.8528e-013
	77	-6.5470e+001	-8.5408e-001	-7.5532e-002	-5.0213e-002	-3.8505e+000	8.7063e+001
39	89	9.3132e-010	1.8190e-012	-2.9104e-011	1.1642e-010	-9.3132e-010	-6.1118e-010
	91	-9.3132e-010	-1.8190e-012	2.9104e-011	-1.1642e-010	-1.8626e-009	0.0000e+000
40	88	0.0000e+000	-6.8212e-012	4.3656e-011	1.9281e-010	0.0000e+000	-2.4374e-010
	90	0.0000e+000	6.8212e-012	-4.3656e-011	-1.9281e-010	4.6566e-010	1.4552e-010
41	89	0.0000e+000	-5.4876e+002	-7.1054e-014	-2.0815e+004	3.2742e-011	-2.5189e+005
	88	0.0000e+000	5.4876e+002	7.1054e-014	2.0815e+004	3.6380e-011	-2.4058e+005
42	83	2.0195e+002	-5.4581e+002	1.8972e+002	-2.5169e+005	-3.6369e+004	-1.5562e+005
	89	-2.0195e+002	5.4581e+002	-1.8972e+002	2.5169e+005	-2.7233e+004	-2.7361e+004
43	84	-6.8246e+002	5.3846e+002	1.9323e+002	-2.4020e+005	-3.6245e+004	2.0604e+005
	88	6.8246e+002	-5.3846e+002	-1.9323e+002	2.4020e+005	-2.7366e+004	-2.8780e+004
44	87	0.0000e+000	-5.4570e-012	0.0000e+000	0.0000e+000	-3.7253e-009	8.7311e-011
	69	0.0000e+000	5.4570e-012	0.0000e+000	0.0000e+000	-3.7253e-009	-4.6566e-010
45	67	0.0000e+000	-1.3642e-011	5.8208e-011	-2.0373e-010	0.0000e+000	-2.3283e-010
	86	0.0000e+000	1.3642e-011	-5.8208e-011	2.0373e-010	0.0000e+000	-2.9104e-010
46	99	0.0000e+000	1.4065e+002	0.0000e+000	6.7538e+003	-1.3642e-012	1.0424e+005
	98	0.0000e+000	-1.4065e+002	0.0000e+000	-6.7538e+003	-9.0949e-013	1.0462e+005
47	98	0.0000e+000	1.8190e-012	-1.4552e-011	-7.2760e-012	0.0000e+000	-1.1642e-010
	85	0.0000e+000	-1.8190e-012	1.4552e-011	7.2760e-012	-4.6566e-010	1.1642e-010
48	104	0.0000e+000	1.8190e-012	0.0000e+000	0.0000e+000	0.0000e+000	-4.3656e-011

	99	0.0000e+000	-1.8190e-012	0.0000e+000	0.0000e+000	-4.6566e-010	2.3283e-010
49	103	1.1642e-010	0.0000e+000	0.0000e+000	1.8190e-012	0.0000e+000	1.2005e-010
	100	-1.1642e-010	0.0000e+000	0.0000e+000	-1.8190e-012	0.0000e+000	-5.8208e-011
50	101	1.1642e-010	1.8190e-012	-1.4552e-011	-7.2760e-012	0.0000e+000	1.0186e-010
	102	-1.1642e-010	-1.8190e-012	1.4552e-011	7.2760e-012	-4.6566e-010	-5.8208e-011
51	100	0.0000e+000	-2.4357e+002	3.5527e-015	2.3830e+003	0.0000e+000	-9.4754e+004
	101	0.0000e+000	2.4357e+002	-3.5527e-015	-2.3830e+003	1.5916e-012	-1.0254e+005
52	49	1.0247e+003	2.8032e+002	5.0587e+002	-1.0371e+005	-3.9940e+004	4.1653e+004
	101	-1.0247e+003	-2.8032e+002	-5.0587e+002	1.0371e+005	-3.0927e+004	-2.3830e+003
53	55	-5.5804e+002	-2.6321e+002	3.8802e+002	-9.3040e+004	-3.1748e+004	-5.9893e+004
	100	5.5804e+002	2.6321e+002	-3.8802e+002	9.3040e+004	-2.3842e+004	2.2184e+004
54	99	-4.7361e+002	-1.4728e+002	-6.4537e+002	-1.0365e+005	2.1341e+004	-1.5237e+004
	51	4.7361e+002	1.4728e+002	6.4537e+002	1.0365e+005	2.4864e+004	4.6927e+003
55	98	3.9865e+002	1.4636e+002	-6.3464e+002	-1.0492e+005	2.0391e+004	-6.7538e+003
	50	-3.9865e+002	-1.4636e+002	6.3464e+002	1.0492e+005	2.4038e+004	1.7000e+004
56	97	0.0000e+000	1.0546e+001	0.0000e+000	-4.3727e+003	-2.9104e-011	4.1573e+003
	96	0.0000e+000	-1.0546e+001	0.0000e+000	4.3727e+003	0.0000e+000	0.0000e+000
57	95	2.9104e-011	1.0546e+001	-5.6843e-013	-4.1787e+003	1.4552e-011	0.0000e+000
	97	-2.9104e-011	-1.0546e+001	5.6843e-013	4.1787e+003	2.1828e-011	2.7552e+003
58	93	1.0914e-011	7.5853e-015	0.0000e+000	6.9152e+003	-2.9104e-011	0.0000e+000
	97	-1.0914e-011	-7.5853e-015	0.0000e+000	-6.9152e+003	-2.9104e-011	0.0000e+000
59	93	-2.9104e-011	-7.1098e+000	0.0000e+000	1.7863e+004	-2.9104e-011	-2.7126e+003
	36	2.9104e-011	7.1098e+000	0.0000e+000	-1.7863e+004	-2.9104e-011	0.0000e+000
60	92	-2.9104e-011	-7.1098e+000	1.1369e-013	1.6150e+004	-2.9104e-011	1.2744e+003
	93	2.9104e-011	7.1098e+000	-1.1369e-013	-1.6150e+004	1.4552e-011	-3.9869e+003
61	96	2.9104e-011	3.6594e+002	1.8190e-012	5.8593e+004	2.3283e-010	-5.5283e+004
	39	-2.9104e-011	-3.6594e+002	-1.8190e-012	-5.8593e+004	2.3283e-010	1.6231e+005
62	36	0.0000e+000	3.5539e+002	-2.2737e-013	5.7852e+004	-1.7462e-010	1.4950e+005
	96	0.0000e+000	-3.5539e+002	2.2737e-013	-5.7852e+004	-2.3283e-010	6.0490e+004
63	95	0.0000e+000	-9.9718e+000	1.1369e-013	8.8186e+002	2.9104e-011	-4.3222e+003
	94	0.0000e+000	9.9718e+000	-1.1369e-013	-8.8186e+002	2.9104e-011	0.0000e+000
64	92	0.0000e+000	5.7393e-001	-2.2737e-013	-4.9873e+001	8.7311e-011	0.0000e+000
	95	0.0000e+000	-5.7393e-001	2.2737e-013	4.9873e+001	0.0000e+000	2.4877e+002
65	94	0.0000e+000	-1.4652e+000	0.0000e+000	1.7918e+004	1.4552e-011	-8.5226e+002
	39	0.0000e+000	1.4652e+000	0.0000e+000	-1.7918e+004	1.4552e-011	0.0000e+000
66	38	2.9104e-011	8.5066e+000	6.8212e-013	1.7920e+004	0.0000e+000	0.0000e+000
	94	-2.9104e-011	-8.5066e+000	-6.8212e-013	-1.7920e+004	0.0000e+000	1.7220e+003
67	35	0.0000e+000	-6.5358e+000	0.0000e+000	1.6145e+004	-8.7311e-011	0.0000e+000
	92	0.0000e+000	6.5358e+000	0.0000e+000	-1.6145e+004	-7.2760e-011	-1.2812e+003
69	77	9.0949e-012	5.3327e+001	-5.6843e-014	9.6240e+003	-4.3656e-011	1.7100e+004
	78	-9.0949e-012	-5.3327e+001	5.6843e-014	-9.6240e+003	-2.9104e-011	1.6178e+004
70	76	-2.0009e-011	7.0412e+000	2.8422e-014	1.1127e+004	-3.6380e-012	-1.2931e+003
	77	2.0009e-011	-7.0412e+000	-2.8422e-014	-1.1127e+004	0.0000e+000	6.7432e+003
71	68	-2.9104e-011	5.0172e+002	-5.6843e-014	1.5160e+004	1.4552e-011	2.3759e+005
	67	2.9104e-011	-5.0172e+002	5.6843e-014	-1.5160e+004	2.9104e-011	2.9728e+005
72	69	0.0000e+000	8.5699e+002	-2.8422e-014	1.1112e+004	-3.6380e-012	3.6437e+005
	68	0.0000e+000	-8.5699e+002	2.8422e-014	-1.1112e+004	1.4552e-011	3.0238e+005
73	81	-7.4360e+001	-8.2790e+002	1.9512e+002	4.9183e+004	-4.9661e+004	-2.2450e+005
	83	7.4360e+001	8.2790e+002	-1.9512e+002	-4.9183e+004	-5.3072e+004	-2.1141e+005
74	79	2.1766e+001	-2.8678e+002	2.8170e+001	7.3234e+004	-1.0925e+004	-1.3021e+005
	81	-2.1766e+001	2.8678e+002	-2.8170e+001	-7.3234e+004	-1.3953e+004	-1.2306e+005

75	76	-5.4846e+000	-3.5752e+002	1.6162e+001	6.9603e+004	-4.3704e+003	-1.3675e+005
	79	5.4846e+000	3.5752e+002	-1.6162e+001	-6.9603e+004	-8.4335e+003	-1.4650e+005
76	73	-2.6126e+000	-3.3012e+002	-1.0630e+001	6.2403e+004	5.7443e+003	-1.3191e+005
	76	2.6126e+000	3.3012e+002	1.0630e+001	-6.2403e+004	2.6766e+003	-1.2961e+005
77	70	2.6208e+001	-2.3842e+002	-3.0470e+001	4.8103e+004	1.4550e+004	-9.6767e+004
	73	-2.6208e+001	2.3842e+002	3.0470e+001	-4.8103e+004	1.1847e+004	-1.0978e+005
78	69	-2.2837e+001	-6.8571e+002	-8.7059e+001	-1.4145e+004	2.2220e+004	-1.8749e+005
	70	2.2837e+001	6.8571e+002	8.7059e+001	1.4145e+004	2.2885e+004	-1.6778e+005
79	74	1.4810e+000	5.9483e+001	-1.1436e+001	5.4657e+004	5.8609e+003	2.2101e+004
	77	-1.4810e+000	-5.9483e+001	1.1436e+001	-5.4657e+004	3.1637e+003	2.4841e+004
80	71	-3.9523e+000	3.9861e+001	-2.7667e+001	3.8177e+004	1.3069e+004	1.6530e+004
	74	3.9523e+000	-3.9861e+001	2.7667e+001	-3.8177e+004	1.0926e+004	1.8040e+004
81	68	-8.5820e+000	1.2837e+002	-6.4286e+001	-6.2647e+004	1.5148e+004	3.4338e+004
	71	8.5820e+000	-1.2837e+002	6.4286e+001	6.2647e+004	1.8096e+004	3.2047e+004
82	82	2.8665e+001	6.1534e+002	1.5657e+002	5.1902e+004	-4.1903e+004	1.8139e+005
	84	-2.8665e+001	-6.1534e+002	-1.5657e+002	-5.1902e+004	-4.5306e+004	1.6136e+005
83	80	-1.2662e+001	3.0689e+002	2.5515e+001	7.3913e+004	-9.6782e+003	1.3526e+005
	82	1.2662e+001	-3.0689e+002	-2.5515e+001	-7.3913e+004	-1.2748e+004	1.3449e+005
84	78	1.3965e+000	3.3536e+002	1.0640e+001	6.5720e+004	-2.4479e+003	1.3289e+005
	80	-1.3965e+000	-3.3536e+002	-1.0640e+001	-6.5720e+004	-6.1912e+003	1.3941e+005
85	75	4.0026e+000	3.1336e+002	-1.3489e+001	6.1928e+004	6.9504e+003	1.2706e+005
	78	-4.0026e+000	-3.1336e+002	1.3489e+001	-6.1928e+004	3.9721e+003	1.2668e+005
86	72	-2.4819e+001	2.3055e+002	-3.2901e+001	5.0926e+004	1.5938e+004	9.5505e+004
	75	2.4819e+001	-2.3055e+002	3.2901e+001	-5.0926e+004	1.3132e+004	1.0820e+005
87	67	4.3204e+001	6.8638e+002	-9.6687e+001	-2.5153e+003	2.5460e+004	1.9962e+005
	72	-4.3204e+001	-6.8638e+002	9.6687e+001	2.5153e+003	2.5576e+004	1.6268e+005
95	41	-1.3156e+001	-1.2888e+002	1.2703e+002	-5.0292e+004	-2.3167e+004	-2.8427e+004
	77	1.3156e+001	1.2888e+002	-1.2703e+002	5.0292e+004	-3.0695e+004	-2.6220e+004
98	38	1.9499e+001	1.6554e+002	7.7916e+001	-4.8463e+004	-1.7354e+004	3.2532e+004
	74	-1.9499e+001	-1.6554e+002	-7.7916e+001	4.8463e+004	-1.6929e+004	4.0307e+004
101	35	-8.8572e+001	1.8994e+002	3.6383e+002	-4.6356e+004	-6.5658e+004	3.9302e+004
	71	8.8572e+001	-1.8994e+002	-3.6383e+002	4.6356e+004	-1.0170e+005	4.8069e+004
104	32	-2.2676e+002	1.2353e+002	1.9020e+003	-4.5370e+004	-4.1622e+005	2.8422e+004
	68	2.2676e+002	-1.2353e+002	-1.9020e+003	4.5370e+004	-4.7770e+005	2.9639e+004
122	47	-1.4552e-011	-1.1487e+003	-7.1054e-015	1.7381e+004	4.0927e-012	-5.5030e+005
	48	1.4552e-011	1.1487e+003	7.1054e-015	-1.7381e+004	3.6380e-012	-5.4793e+005
123	41	-3.6380e-012	-2.6310e+001	4.2633e-014	1.4038e+004	-7.2760e-012	-5.9469e+003
	42	3.6380e-012	2.6310e+001	-4.2633e-014	-1.4038e+004	-1.4552e-011	-1.0472e+004
124	40	-1.8190e-012	-3.9585e+001	7.1054e-015	1.5791e+004	-7.2760e-012	-2.0066e+004
	41	1.8190e-012	3.9585e+001	-7.1054e-015	-1.5791e+004	-7.2760e-012	-1.0575e+004
125	32	0.0000e+000	6.7552e+002	-7.1054e-015	2.0524e+004	3.6380e-012	3.3433e+005
	31	0.0000e+000	-6.7552e+002	7.1054e-015	-2.0524e+004	1.8190e-012	3.8583e+005
126	33	0.0000e+000	1.1955e+003	2.8422e-014	1.6788e+004	0.0000e+000	4.9209e+005
	32	0.0000e+000	-1.1955e+003	-2.8422e-014	-1.6788e+004	0.0000e+000	4.3805e+005
127	45	1.4552e-011	-1.3776e+003	0.0000e+000	1.7919e+004	-1.1642e-010	-3.4268e+005
	47	-1.4552e-011	1.3776e+003	0.0000e+000	-1.7919e+004	-1.1642e-010	-3.8235e+005
128	43	7.2760e-012	-3.9466e+002	0.0000e+000	6.7174e+004	-5.8208e-011	-1.8059e+005
	45	-7.2760e-012	3.9466e+002	0.0000e+000	-6.7174e+004	-2.9104e-011	-1.6791e+005
129	40	1.4552e-011	-5.2232e+002	1.1369e-013	6.9988e+004	2.9104e-011	-2.0260e+005
	43	-1.4552e-011	5.2232e+002	-1.1369e-013	-6.9988e+004	-2.9104e-011	-2.1109e+005
130	37	1.4552e-011	-5.0187e+002	-2.8422e-014	6.4816e+004	9.0949e-012	-2.0020e+005

	40	-1.4552e-011	5.0187e+002	2.8422e-014	-6.4816e+004	1.4552e-011	-1.9729e+005
131	34	-7.2760e-012	-3.8173e+002	5.6843e-014	6.1635e+004	-5.8208e-011	-1.5863e+005
	37	7.2760e-012	3.8173e+002	-5.6843e-014	-6.1635e+004	-2.9104e-011	-1.7199e+005
132	33	0.0000e+000	-1.1228e+003	0.0000e+000	1.1574e+004	1.1642e-010	-3.0353e+005
	34	0.0000e+000	1.1228e+003	0.0000e+000	-1.1574e+004	1.1642e-010	-2.7809e+005
133	38	2.7285e-012	6.5367e+001	-2.8422e-014	5.8311e+004	1.0914e-011	2.5763e+004
	41	-2.7285e-012	-6.5367e+001	2.8422e-014	-5.8311e+004	1.4552e-011	2.5812e+004
134	35	-7.2760e-012	5.4270e+001	5.6843e-014	5.6639e+004	-8.7311e-011	2.2983e+004
	38	7.2760e-012	-5.4270e+001	-5.6843e-014	-5.6639e+004	-8.7311e-011	2.4071e+004
135	32	-1.4552e-011	1.5707e+002	4.5475e-013	-3.9942e+004	-1.1642e-010	4.0188e+004
	35	1.4552e-011	-1.5707e+002	-4.5475e-013	3.9942e+004	-1.1642e-010	4.1020e+004
136	46	2.9104e-011	1.0299e+003	9.0949e-013	2.0128e+004	-2.3283e-010	2.7512e+005
	48	-2.9104e-011	-1.0299e+003	-9.0949e-013	-2.0128e+004	-2.3283e-010	2.9831e+005
137	44	-7.2760e-012	3.9567e+002	5.6843e-014	6.6196e+004	2.9104e-011	1.7642e+005
	46	7.2760e-012	-3.9567e+002	-5.6843e-014	-6.6196e+004	2.9104e-011	1.7131e+005
138	42	7.2760e-012	4.6145e+002	-2.8422e-014	7.1634e+004	-2.9104e-011	1.8457e+005
	44	-7.2760e-012	-4.6145e+002	2.8422e-014	-7.1634e+004	-2.9104e-011	1.9000e+005
139	39	1.4552e-011	4.5219e+002	0.0000e+000	7.1372e+004	-2.9104e-011	1.8424e+005
	42	-1.4552e-011	-4.5219e+002	0.0000e+000	-7.1372e+004	-1.4552e-011	1.8184e+005
140	31	1.4552e-011	1.0619e+003	-4.5475e-013	2.2746e+004	0.0000e+000	3.0103e+005
	36	-1.4552e-011	-1.0619e+003	4.5475e-013	-2.2746e+004	0.0000e+000	2.5939e+005
141	54	9.8675e-001	-1.3985e+002	1.5379e+001	2.8922e+004	-4.5988e+003	-5.0764e+004
	55	-9.8675e-001	1.3985e+002	-1.5379e+001	-2.8922e+004	-6.9443e+003	-5.4205e+004
142	53	3.0215e-001	-1.0580e+002	-3.3539e+000	3.0044e+004	2.4861e+003	-4.2185e+004
	54	-3.0215e-001	1.0580e+002	3.3539e+000	-3.0044e+004	2.1858e+002	-4.3132e+004
143	52	7.2355e-001	-8.5228e+001	-1.4565e+001	1.1318e+004	6.3328e+003	-3.2344e+004
	53	-7.2355e-001	8.5228e+001	1.4565e+001	-1.1318e+004	5.4838e+003	-3.6804e+004
144	51	3.3711e-001	-1.1561e+002	-2.9215e+001	2.6011e+004	1.2920e+004	-5.2948e+004
	52	-3.3711e-001	1.1561e+002	2.9215e+001	-2.6011e+004	1.0643e+004	-4.0295e+004
145	30	-3.4417e-001	1.7652e+002	2.3656e+001	2.3149e+004	-7.7408e+003	6.1260e+004
	49	3.4417e-001	-1.7652e+002	-2.3656e+001	-2.3149e+004	-9.6568e+003	6.8561e+004
146	56	-7.6986e-001	1.2741e+002	2.3549e+000	3.6529e+004	4.7587e+002	5.0314e+004
	30	7.6986e-001	-1.2741e+002	-2.3549e+000	-3.6529e+004	-2.3372e+003	5.0387e+004
147	29	-4.8945e-001	1.1563e+002	-1.7158e+001	3.2078e+004	8.0512e+003	4.4660e+004
	56	4.8945e-001	-1.1563e+002	1.7158e+001	-3.2078e+004	5.5965e+003	4.7312e+004
148	50	-1.6539e-001	1.2562e+002	-3.4499e+001	1.0286e+004	1.4096e+004	5.2135e+004
	29	1.6539e-001	-1.2562e+002	3.4499e+001	-1.0286e+004	1.3177e+004	4.7167e+004
159	21	-6.5248e+001	-8.4870e+001	2.5988e+002	-3.3999e+004	-5.2267e+004	-3.4690e+004
	41	6.5248e+001	8.4870e+001	-2.5988e+002	3.3999e+004	-5.1685e+004	7.4174e+002
161	20	3.9102e+001	8.6236e+001	2.2104e+002	-3.3999e+004	-1.0423e+005	3.4863e+004
	38	-3.9102e+001	-8.6236e+001	-2.2104e+002	3.3999e+004	1.5813e+004	-3.6885e+002
164	19	-1.9790e+002	1.1689e+002	7.7732e+002	-3.3999e+004	-2.7985e+005	3.8588e+004
	35	1.9790e+002	-1.1689e+002	-7.7732e+002	3.3999e+004	-3.1078e+004	8.1665e+003
167	18	-5.8970e+002	1.1176e+002	2.0679e+003	-3.3999e+004	-5.1090e+005	3.7821e+004
	32	5.8970e+002	-1.1176e+002	-2.0679e+003	3.3999e+004	-3.1628e+005	6.8834e+003
88	48	-6.5588e+001	2.3744e+003	-7.6188e+002	-5.2968e+004	1.8466e+005	4.3070e+005
	84	6.5588e+001	-2.3744e+003	7.6188e+002	5.2968e+004	1.0104e+005	4.5970e+005
89	47	2.7669e+002	-3.0628e+002	-2.5099e+003	-5.2968e+004	4.7394e+005	-7.5394e+003
	83	-2.7669e+002	3.0628e+002	2.5099e+003	5.2968e+004	4.6728e+005	-1.0732e+005
90	46	3.0728e+002	1.4618e+003	5.9509e+002	-5.0930e+004	-1.1441e+005	2.7619e+005
	82	-3.0728e+002	-1.4618e+003	-5.9509e+002	5.0930e+004	-1.1768e+005	2.9392e+005

91	45	-5.3834e+002	-1.2840e+003	-1.1852e+003	-5.0930e+004	2.2642e+005	-2.4066e+005
	81	5.3834e+002	1.2840e+003	1.1852e+003	5.0930e+004	2.3580e+005	-2.6010e+005
92	44	-2.8166e+001	1.1196e+003	6.6689e+002	-4.9044e+004	-1.4280e+005	2.0999e+005
	80	2.8166e+001	-1.1196e+003	-6.6689e+002	4.9044e+004	-1.2729e+005	2.4345e+005
93	43	7.0175e+001	-1.0628e+003	-7.3259e+002	-4.9044e+004	1.3372e+005	-2.0810e+005
	79	-7.0175e+001	1.0628e+003	7.3259e+002	4.9044e+004	1.6298e+005	-2.2235e+005
94	42	-3.1318e+001	1.0208e+003	6.3546e+002	-4.6846e+004	-1.3458e+005	2.0327e+005
	78	3.1318e+001	-1.0208e+003	-6.3546e+002	4.6846e+004	-1.3485e+005	2.2954e+005
96	40	-2.0240e+001	-1.0213e+003	-7.0481e+002	-4.6846e+004	1.3531e+005	-2.0877e+005
	76	2.0240e+001	1.0213e+003	7.0481e+002	4.6846e+004	1.6353e+005	-2.2425e+005
97	39	8.2171e+001	9.0321e+002	4.5752e+002	-4.5143e+004	-8.8818e+004	1.9023e+005
	75	-8.2171e+001	-9.0321e+002	-4.5752e+002	4.5143e+004	-1.1249e+005	2.0719e+005
99	37	-9.1045e+001	-8.6699e+002	-5.6284e+002	-4.5143e+004	1.1243e+005	-1.8111e+005
	73	9.1045e+001	8.6699e+002	5.6284e+002	4.5143e+004	1.3522e+005	-2.0037e+005
100	36	-4.5438e+002	8.8906e+002	6.1643e+002	-4.3180e+004	-1.2218e+005	2.0025e+005
	72	4.5438e+002	-8.8906e+002	-6.1643e+002	4.3180e+004	-1.6137e+005	2.0872e+005
102	34	4.4618e+002	-9.9645e+002	-4.9230e+002	-4.3180e+004	1.1682e+005	-2.0905e+005
	70	-4.4618e+002	9.9645e+002	4.9230e+002	4.3180e+004	1.0964e+005	-2.4931e+005
103	33	1.7185e+002	-1.4358e+003	6.0454e+002	-4.2261e+004	-1.2367e+005	-3.0384e+005
	69	-1.7185e+002	1.4358e+003	-6.0454e+002	4.2261e+004	-1.6046e+005	-3.7097e+005
105	31	1.8372e+002	6.0970e+001	1.2419e+003	-4.2261e+004	-2.5366e+005	1.7342e+004
	67	-1.8372e+002	-6.0970e+001	-1.2419e+003	4.2261e+004	-3.3004e+005	1.1314e+004
106	60	1.6989e+002	3.1835e+002	2.4185e+003	-3.9671e+004	-3.5111e+004	-1.1474e+005
	39	-1.6989e+002	-3.1835e+002	-2.4185e+003	3.9671e+004	-8.5816e+004	1.3066e+005
107	13	2.2121e+002	8.1732e+002	6.5120e+002	-3.0527e+004	-2.5065e+005	1.5311e+005
	60	-2.2121e+002	-8.1732e+002	-6.5120e+002	3.0527e+004	2.2730e+004	1.3296e+005
108	61	4.2465e+000	1.2118e+003	5.5187e+001	-3.0645e+004	2.2297e+004	-8.3136e+004
	42	-4.2465e+000	-1.2118e+003	-5.5187e+001	3.0645e+004	-2.5056e+004	1.4372e+005
109	14	2.6922e+000	1.0155e+003	3.9681e+002	-3.1816e+004	-9.8874e+004	2.3563e+005
	61	-2.6922e+000	-1.0155e+003	-3.9681e+002	3.1816e+004	-4.0010e+004	1.1981e+005
110	62	-9.3942e+001	1.3748e+003	-1.0195e+003	-2.8277e+004	6.3641e+004	-5.3054e+004
	44	9.3942e+001	-1.3748e+003	1.0195e+003	2.8277e+004	-1.2664e+004	1.2180e+005
111	15	-1.0191e+002	1.1350e+003	4.1279e+001	-3.2155e+004	6.5926e+004	3.0859e+005
	62	1.0191e+002	-1.1350e+003	-4.1279e+001	3.2155e+004	-8.0374e+004	8.8649e+004
112	63	9.4148e+002	1.5446e+003	-9.6439e+002	1.8767e+004	8.8487e+004	-6.7771e+004
	46	-9.4148e+002	-1.5446e+003	9.6439e+002	-1.8767e+004	-4.0268e+004	1.4500e+005
113	16	8.9968e+002	1.4096e+003	-4.8056e+002	-3.8875e+004	2.6204e+005	4.0728e+005
	63	-8.9968e+002	-1.4096e+003	4.8056e+002	3.8875e+004	-9.3839e+004	8.6090e+004
114	64	-1.0376e+002	-7.7572e+002	-6.6953e+002	-5.0459e+004	-1.0712e+005	4.3467e+004
	55	1.0376e+002	7.7572e+002	6.6953e+002	5.0459e+004	1.4394e+005	-8.6132e+004
115	10	-7.9753e+001	-3.7194e+002	-1.0925e+003	-1.5690e+004	2.7162e+005	-7.7709e+004
	64	7.9753e+001	3.7194e+002	1.0925e+003	1.5690e+004	1.1075e+005	-5.2468e+004
116	59	-3.4054e+001	-6.8789e+002	5.1713e+002	-3.0767e+004	-6.1335e+004	3.6771e+004
	54	3.4054e+001	6.8789e+002	-5.1713e+002	3.0767e+004	1.9965e+004	-9.1802e+004
117	9	-3.6296e+001	-4.4713e+002	-5.1993e+002	-1.6587e+004	1.1710e+005	-1.0171e+005
	59	3.6296e+001	4.4713e+002	5.1993e+002	1.6587e+004	6.4872e+004	-5.4787e+004
118	57	3.0334e+001	-6.8921e+001	-8.9722e+002	-1.6377e+004	8.8438e+004	5.9429e+004
	52	-3.0334e+001	6.8921e+001	8.9722e+002	1.6377e+004	2.8201e+004	-6.8388e+004
119	7	7.5624e+000	-6.3567e+002	8.5410e+002	-1.7536e+004	-2.1146e+005	-1.5296e+005
	57	-7.5624e+000	6.3567e+002	-8.5410e+002	1.7536e+004	-8.7472e+004	-6.9519e+004
120	58	-2.0544e+001	-4.7462e+002	3.5514e+002	-2.1601e+004	-3.3797e+004	3.1489e+004

	53	2.0544e+001	4.7462e+002	-3.5514e+002	2.1601e+004	-3.4928e+003	-8.1325e+004
121	8	-1.9543e+001	-4.8032e+002	-5.5087e+001	-1.7139e+004	-1.7558e+004	-1.1880e+005
	58	1.9543e+001	4.8032e+002	5.5087e+001	1.7139e+004	3.6838e+004	-4.9307e+004
149	1	-1.5110e+001	3.1257e+002	7.0312e+002	-1.6241e+004	-2.4183e+005	8.9965e+004
	50	1.5110e+001	-3.1257e+002	-7.0312e+002	1.6241e+004	-1.1605e+005	6.9135e+004
150	5	6.7139e+001	6.2425e+002	-9.3658e+002	-2.0411e+004	2.5078e+005	1.4261e+005
	49	-6.7139e+001	-6.2425e+002	9.3658e+002	2.0411e+004	1.2853e+005	1.1021e+005
151	4	4.9068e+001	5.6998e+002	-2.0013e+002	-1.9225e+004	7.2345e+004	1.3345e+005
	30	-4.9068e+001	-5.6998e+002	2.0013e+002	1.9225e+004	1.3713e+004	1.1165e+005
152	2	-9.9482e+000	4.1674e+002	3.2132e+002	-1.7222e+004	-1.3171e+005	1.0821e+005
	29	9.9482e+000	-4.1674e+002	-3.2132e+002	1.7222e+004	-2.2519e+004	9.1827e+004
153	3	1.1778e+001	4.7421e+002	9.7667e+001	-1.8168e+004	-3.9799e+004	1.1814e+005
	56	-1.1778e+001	-4.7421e+002	-9.7667e+001	1.8168e+004	-4.6398e+003	9.7626e+004
154	6	2.5103e+001	-3.9060e+002	7.0909e+002	-1.6241e+004	-2.4285e+005	-1.2447e+005
	51	-2.5103e+001	3.9060e+002	-7.0909e+002	1.6241e+004	-1.1808e+005	-7.4346e+004
155	17	5.3272e+001	1.6919e+003	-1.5196e+003	-3.1670e+004	4.8065e+005	4.8451e+005
	48	-5.3272e+001	-1.6919e+003	1.5196e+003	3.1670e+004	1.2719e+005	1.9227e+005
156	28	5.0553e+002	6.6686e+002	-2.2460e+003	-3.1670e+004	6.7065e+005	2.2579e+005
	47	-5.0553e+002	-6.6686e+002	2.2460e+003	3.1670e+004	2.2776e+005	4.0951e+004
157	27	-1.5213e+003	-1.8264e+002	-1.6262e+003	-3.1670e+004	5.2217e+005	5.9536e+004
	45	1.5213e+003	1.8264e+002	1.6262e+003	3.1670e+004	1.2832e+005	-1.3259e+005
158	26	1.9783e+002	-3.8609e+002	-1.1046e+003	-3.1670e+004	3.3861e+005	-5.1896e+004
	43	-1.9783e+002	3.8609e+002	1.1046e+003	3.1670e+004	1.0324e+005	-1.0254e+005
160	25	-8.0271e+001	-7.1366e+002	-8.1981e+002	-3.1670e+004	1.9947e+005	-1.7265e+005
	40	8.0271e+001	7.1366e+002	8.1981e+002	3.1670e+004	1.2846e+005	-1.1281e+005
162	24	-2.1118e+002	-1.0137e+003	-3.7626e+002	-3.1670e+004	3.9164e+004	-2.8973e+005
	37	2.1118e+002	1.0137e+003	3.7626e+002	3.1670e+004	1.1134e+005	-1.1573e+005
163	12	-1.1538e+003	5.6215e+002	1.4595e+003	-3.1670e+004	-4.8582e+005	5.7675e+004
	36	1.1538e+003	-5.6215e+002	-1.4595e+003	3.1670e+004	-9.7981e+004	1.6718e+005
165	23	1.1873e+003	-1.5363e+003	5.1747e+001	-3.1670e+004	-1.2790e+005	-4.4452e+005
	34	-1.1873e+003	1.5363e+003	-5.1747e+001	3.1670e+004	1.0720e+005	-1.6999e+005
166	22	2.4457e+002	-2.0489e+003	1.0260e+003	-3.1670e+004	-3.2445e+005	-5.6265e+005
	33	-2.4457e+002	2.0489e+003	-1.0260e+003	3.1670e+004	-8.5965e+004	-2.5692e+005
168	11	5.7009e+002	-1.1065e+002	2.1894e+003	-3.1670e+004	-6.5941e+005	-6.8965e+004
	31	-5.7009e+002	1.1065e+002	-2.1894e+003	3.1670e+004	-2.1634e+005	2.4706e+004

SFORZI "Torcente di piano SLD" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	-1.5221e+002	2.4710e-015	-7.2638e+000	2.6414e+001	2.7015e+003	0.0000e+000
	124	1.5221e+002	-2.4710e-015	7.2638e+000	-2.6414e+001	2.8461e+003	0.0000e+000
2	125	2.0481e+001	2.6911e+001	-8.0743e+001	1.9973e+003	2.8903e+003	6.2215e+002
	122	-2.0481e+001	-2.6911e+001	8.0743e+001	-1.9973e+003	1.8706e+004	6.5755e+003
3	121	-2.3126e+001	2.6911e+001	6.5237e+001	1.9986e+003	-1.1418e+004	7.6294e+003
	125	2.3126e+001	-2.6911e+001	-6.5237e+001	-1.9986e+003	-5.5917e+003	-6.1287e+002
4	124	-1.7746e+002	-1.5458e+001	8.7085e+001	1.1271e+003	-8.2874e+003	3.7928e+002
	120	1.7746e+002	1.5458e+001	-8.7085e+001	-1.1271e+003	-1.3488e+004	-4.2444e+003
5	119	-1.7158e+002	-1.5458e+001	-6.4907e+001	1.1280e+003	1.0916e+004	-3.4916e+003
	124	1.7158e+002	1.5458e+001	6.4907e+001	-1.1280e+003	5.4413e+003	-4.0390e+002
8	122	4.0625e+002	-2.3858e-016	-1.3648e+001	-3.5470e+002	5.5437e+003	0.0000e+000
	120	-4.0625e+002	2.3858e-016	1.3648e+001	3.5470e+002	3.9886e+003	0.0000e+000

9	121	3.1149e+002	0.0000e+000	-5.5501e+000	-2.3109e+002	1.8590e+003	0.0000e+000
	119	-3.1149e+002	0.0000e+000	5.5501e+000	2.3109e+002	2.7477e+003	0.0000e+000
10	122	-6.0824e+001	2.6911e+001	3.1758e+002	2.1643e+003	-2.4249e+004	-6.8943e+003
	63	6.0824e+001	-2.6911e+001	-3.1758e+002	-2.1643e+003	-3.7106e+004	1.2093e+004
11	62	4.5543e+001	2.6911e+001	-2.3856e+002	2.0217e+003	2.8001e+004	1.2070e+004
	121	-4.5543e+001	-2.6911e+001	2.3856e+002	-2.0217e+003	9.5587e+003	-7.8332e+003
12	120	-2.0024e+002	-1.5458e+001	-3.1876e+002	1.1351e+003	9.4997e+003	4.5991e+003
	64	2.0024e+002	1.5458e+001	3.1876e+002	-1.1351e+003	2.2383e+004	-6.1451e+003
13	59	-1.6428e+002	-1.5458e+001	2.4582e+002	1.1418e+003	-2.2735e+004	-6.0066e+003
	119	1.6428e+002	1.5458e+001	-2.4582e+002	-1.1418e+003	-1.3663e+004	3.7178e+003
14	118	5.0360e+002	2.6699e-016	-5.4592e+000	-2.9720e+002	2.9790e+003	0.0000e+000
	117	-5.0360e+002	-2.6699e-016	5.4592e+000	2.9720e+002	1.8775e+003	0.0000e+000
15	118	-1.0161e+002	3.2039e+001	4.4607e+002	1.9495e+003	-1.3619e+004	-1.0120e+004
	62	1.0161e+002	-3.2039e+001	-4.4607e+002	-1.9495e+003	-3.0497e+004	1.3288e+004
16	116	5.4873e+000	3.2039e+001	-4.6172e+001	2.1503e+003	8.2011e+002	-1.8225e+003
	118	-5.4873e+000	-3.2039e+001	4.6172e+001	-2.1503e+003	1.0640e+004	9.7750e+003
17	117	-1.8019e+002	-1.4014e+001	-4.3957e+002	1.0136e+003	1.1241e+004	4.4387e+003
	59	1.8019e+002	1.4014e+001	4.3957e+002	-1.0136e+003	3.1864e+004	-5.8129e+003
18	115	-1.7487e+002	-1.4014e+001	6.4337e+001	1.0211e+003	-3.1076e+003	6.0514e+002
	117	1.7487e+002	1.4014e+001	-6.4337e+001	-1.0211e+003	-1.3119e+004	-4.1397e+003
19	116	-7.3358e+001	-9.1872e-017	-4.4616e+000	1.3650e+002	2.0730e+003	0.0000e+000
	115	7.3358e+001	9.1872e-017	4.4616e+000	-1.3650e+002	2.1715e+003	0.0000e+000
20	114	5.5475e+001	-3.4283e-016	-4.9350e+000	3.5484e+001	2.4304e+003	0.0000e+000
	113	-5.5475e+001	3.4283e-016	4.9350e+000	-3.5484e+001	2.5985e+003	0.0000e+000
21	114	-1.6116e+001	3.2039e+001	2.4071e+001	2.1833e+003	-3.4046e+003	6.4282e+003
	116	1.6116e+001	-3.2039e+001	-2.4071e+001	-2.1833e+003	-2.8931e+003	1.9542e+003
22	113	-1.7149e+002	-1.4014e+001	-7.3486e+000	1.0304e+003	9.3604e+002	-2.8389e+003
	115	1.7149e+002	1.4014e+001	7.3486e+000	-1.0304e+003	9.3606e+002	-7.3128e+002
23	61	-7.7324e+000	3.2039e+001	-3.1040e+001	2.1652e+003	5.3281e+003	1.2908e+004
	114	7.7324e+000	-3.2039e+001	3.1040e+001	-2.1652e+003	9.7419e+002	-6.4027e+003
24	58	-1.6554e+002	-1.4014e+001	4.6871e+001	1.0502e+003	-5.8875e+003	-5.6136e+003
	113	1.6554e+002	1.4014e+001	-4.6871e+001	-1.0502e+003	-3.5345e+003	2.7964e+003
25	112	2.3098e+002	3.0311e-017	-4.2274e+000	-3.4543e+002	2.4555e+003	0.0000e+000
	111	-2.3098e+002	-3.0311e-017	4.2274e+000	3.4543e+002	2.1143e+003	0.0000e+000
26	112	1.7580e+001	3.3040e+001	2.2152e+002	1.8322e+003	-4.3321e+003	-1.1847e+004
	61	-1.7580e+001	-3.3040e+001	-2.2152e+002	-1.8322e+003	-6.0818e+003	1.3400e+004
27	110	5.7737e+001	3.3040e+001	-3.7757e+000	2.2115e+003	-9.1410e+002	-3.0079e+003
	112	-5.7737e+001	-3.3040e+001	3.7757e+000	-2.2115e+003	1.8766e+003	1.1430e+004
28	111	-1.0833e+002	-1.4659e+001	-2.1175e+002	6.5543e+002	1.6224e+003	5.3013e+003
	58	1.0833e+002	1.4659e+001	2.1175e+002	-6.5543e+002	8.7599e+003	-6.0200e+003
29	109	-9.9886e+001	-1.4659e+001	1.8821e+001	6.3456e+002	-9.9556e+002	1.2721e+003
	111	9.9886e+001	1.4659e+001	-1.8821e+001	-6.3456e+002	-3.7367e+003	-4.9578e+003
30	110	-5.6685e+000	1.6859e-017	-3.5342e+000	2.7565e+002	1.9967e+003	0.0000e+000
	109	5.6685e+000	-1.6859e-017	3.5342e+000	-2.7565e+002	2.0439e+003	0.0000e+000
31	108	5.3019e+001	3.3040e+001	3.5530e-001	2.2371e+003	9.9484e+002	4.8563e+003
	110	-5.3019e+001	-3.3040e+001	-3.5530e-001	-2.2371e+003	-1.0826e+003	3.3015e+003
32	107	-9.6230e+001	-1.4659e+001	1.4666e+001	6.6490e+002	-2.6419e+003	-2.1514e+003
	109	9.6230e+001	1.4659e+001	-1.4666e+001	-6.6490e+002	-1.0483e+003	-1.5370e+003
33	108	-2.2396e+001	-7.9525e-017	-3.0697e+000	2.5079e+002	1.9419e+003	0.0000e+000
	107	2.2396e+001	7.9525e-017	3.0697e+000	-2.5079e+002	1.7577e+003	0.0000e+000
34	60	4.5285e+001	3.3040e+001	2.1836e+001	2.2683e+003	-2.7570e+003	1.3236e+004

	108	-4.5285e+001	-3.3040e+001	-2.1836e+001	-2.2683e+003	-2.9367e+003	-4.6212e+003
35	57	-9.4115e+001	-1.4659e+001	-8.0710e+000	6.8038e+002	1.2052e+003	-5.6939e+003
	107	9.4115e+001	1.4659e+001	8.0710e+000	-6.8038e+002	8.8418e+002	1.8992e+003
36	60	-1.1476e+003	5.7182e-019	-3.2956e+000	-4.3265e+002	2.1971e+003	0.0000e+000
	57	1.1476e+003	-5.7182e-019	3.2956e+000	4.3265e+002	1.9913e+003	0.0000e+000
37	65	6.8478e+000	2.8422e-014	-2.0884e+001	8.2042e+001	-1.0948e+003	-3.5826e+002
	60	-6.8478e+000	-2.8422e-014	2.0884e+001	-8.2042e+001	6.4463e+003	3.5826e+002
38	66	-9.3698e-001	-4.2633e-014	2.1958e+001	1.8035e+001	-1.6041e+003	3.6709e+002
	57	9.3698e-001	4.2633e-014	-2.1958e+001	-1.8035e+001	-3.9425e+003	-3.6709e+002
68	65	-2.1885e+001	-1.9671e-016	-2.0133e+000	-3.6753e+002	1.0948e+003	0.0000e+000
	66	2.1885e+001	1.9671e-016	2.0133e+000	3.6753e+002	1.6041e+003	0.0000e+000
6	53	-8.4225e+001	6.2985e-001	7.5526e-002	1.6116e-001	-2.1554e+001	3.5947e+002
	105	8.4225e+001	-6.2985e-001	-7.5526e-002	-1.6116e-001	-2.1551e+001	-2.5030e-012
7	106	4.2145e+001	5.4980e-001	4.8623e-002	3.2324e-002	-2.4778e+000	-5.8402e-013
	77	-4.2145e+001	-5.4980e-001	-4.8623e-002	-3.2324e-002	-2.4787e+000	5.6046e+001
39	89	4.6566e-010	-5.4570e-012	-2.9104e-011	8.7311e-011	-9.3132e-010	-5.3114e-010
	91	-4.6566e-010	5.4570e-012	2.9104e-011	-8.7311e-011	-9.3132e-010	-1.7462e-010
40	88	0.0000e+000	-4.3201e-012	2.1828e-011	2.4011e-010	2.3283e-010	-2.6102e-010
	90	0.0000e+000	4.3201e-012	-2.1828e-011	-2.4011e-010	2.3283e-010	-5.0932e-011
41	89	2.9104e-011	-3.5326e+002	-4.9738e-014	-1.3399e+004	2.3647e-011	-1.6215e+005
	88	-2.9104e-011	3.5326e+002	4.9738e-014	1.3399e+004	2.9104e-011	-1.5487e+005
42	83	1.3000e+002	-3.5136e+002	1.2213e+002	-1.6202e+005	-2.3412e+004	-1.0018e+005
	89	-1.3000e+002	3.5136e+002	-1.2213e+002	1.6202e+005	-1.7531e+004	-1.7613e+004
43	84	-4.3932e+002	3.4662e+002	1.2439e+002	-1.5463e+005	-2.3332e+004	1.3263e+005
	88	4.3932e+002	-3.4662e+002	-1.2439e+002	1.5463e+005	-1.7616e+004	-1.8527e+004
44	87	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	-1.8626e-009	1.2369e-010
	69	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	-2.7940e-009	0.0000e+000
45	67	0.0000e+000	-9.0949e-012	2.9104e-011	-1.4552e-010	0.0000e+000	-1.0550e-010
	86	0.0000e+000	9.0949e-012	-2.9104e-011	1.4552e-010	0.0000e+000	-1.7462e-010
46	99	0.0000e+000	9.0539e+001	0.0000e+000	4.3476e+003	-9.0949e-013	6.7102e+004
	98	0.0000e+000	-9.0539e+001	0.0000e+000	-4.3476e+003	-4.5475e-013	6.7349e+004
47	98	0.0000e+000	1.8190e-012	-7.2760e-012	-3.6380e-012	0.0000e+000	-1.3824e-010
	85	0.0000e+000	-1.8190e-012	7.2760e-012	3.6380e-012	-2.3283e-010	1.1642e-010
48	104	0.0000e+000	2.7285e-012	-7.2760e-012	-1.4552e-011	0.0000e+000	-7.2760e-012
	99	0.0000e+000	-2.7285e-012	7.2760e-012	1.4552e-011	-2.3283e-010	1.7462e-010
49	103	5.8208e-011	4.5475e-013	0.0000e+000	9.0949e-013	-5.8208e-011	6.5484e-011
	100	-5.8208e-011	-4.5475e-013	0.0000e+000	-9.0949e-013	0.0000e+000	-2.9104e-011
50	101	5.8208e-011	-9.0949e-013	-7.2760e-012	-3.6380e-012	0.0000e+000	4.0018e-011
	102	-5.8208e-011	9.0949e-013	7.2760e-012	3.6380e-012	-2.3283e-010	-5.8208e-011
51	100	0.0000e+000	-1.5680e+002	3.5527e-015	1.5340e+003	0.0000e+000	-6.0997e+004
	101	0.0000e+000	1.5680e+002	-3.5527e-015	-1.5340e+003	9.0949e-013	-6.6009e+004
52	49	6.5961e+002	1.8045e+002	3.2565e+002	-6.6762e+004	-2.5711e+004	2.6814e+004
	101	-6.5961e+002	-1.8045e+002	-3.2565e+002	6.6762e+004	-1.9909e+004	-1.5340e+003
53	55	-3.5923e+002	-1.6944e+002	2.4978e+002	-5.9893e+004	-2.0438e+004	-3.8555e+004
	100	3.5923e+002	1.6944e+002	-2.4978e+002	5.9893e+004	-1.5348e+004	1.4281e+004
54	99	-3.0488e+002	-9.4807e+001	-4.1545e+002	-6.6722e+004	1.3738e+004	-9.8087e+003
	51	3.0488e+002	9.4807e+001	4.1545e+002	6.6722e+004	1.6006e+004	3.0208e+003
55	98	2.5662e+002	9.4215e+001	-4.0854e+002	-6.7544e+004	1.3126e+004	-4.3476e+003
	50	-2.5662e+002	-9.4215e+001	4.0854e+002	6.7544e+004	1.5474e+004	1.0943e+004
56	97	-1.4552e-011	6.7887e+000	0.0000e+000	-2.8149e+003	-1.4552e-011	2.6762e+003
	96	1.4552e-011	-6.7887e+000	0.0000e+000	2.8149e+003	0.0000e+000	0.0000e+000

57	95	1.4552e-011	6.7887e+000	-3.4106e-013	-2.6900e+003	0.0000e+000	0.0000e+000
	97	-1.4552e-011	-6.7887e+000	3.4106e-013	2.6900e+003	7.2760e-012	1.7736e+003
58	93	5.4570e-012	4.8829e-015	5.6843e-014	4.4516e+003	-2.9104e-011	0.0000e+000
	97	-5.4570e-012	-4.8829e-015	-5.6843e-014	-4.4516e+003	-2.9104e-011	0.0000e+000
59	93	0.0000e+000	-4.5768e+000	0.0000e+000	1.1499e+004	0.0000e+000	-1.7462e+003
	36	0.0000e+000	4.5768e+000	0.0000e+000	-1.1499e+004	-1.4552e-011	0.0000e+000
60	92	0.0000e+000	-4.5768e+000	1.7053e-013	1.0396e+004	0.0000e+000	8.2036e+002
	93	0.0000e+000	4.5768e+000	-1.7053e-013	-1.0396e+004	1.4552e-011	-2.5665e+003
61	96	-1.4552e-011	2.3557e+002	1.8190e-012	3.7718e+004	0.0000e+000	-3.5587e+004
	39	1.4552e-011	-2.3557e+002	-1.8190e-012	-3.7718e+004	0.0000e+000	1.0449e+005
62	36	-7.2760e-012	2.2878e+002	0.0000e+000	3.7241e+004	-5.8208e-011	9.6237e+004
	96	7.2760e-012	-2.2878e+002	0.0000e+000	-3.7241e+004	-5.8208e-011	3.8940e+004
63	95	0.0000e+000	-6.4192e+000	0.0000e+000	5.6769e+002	2.9104e-011	-2.7824e+003
	94	0.0000e+000	6.4192e+000	0.0000e+000	-5.6769e+002	4.3656e-011	0.0000e+000
64	92	0.0000e+000	3.6946e-001	-2.2737e-013	-3.2105e+001	2.9104e-011	0.0000e+000
	95	0.0000e+000	-3.6946e-001	2.2737e-013	3.2105e+001	5.8208e-011	1.6014e+002
65	94	-3.6380e-012	-9.4321e-001	2.8422e-014	1.1535e+004	7.2760e-012	-5.4863e+002
	39	3.6380e-012	9.4321e-001	-2.8422e-014	-1.1535e+004	1.4552e-011	0.0000e+000
66	38	-1.4552e-011	5.4760e+000	2.2737e-013	1.1536e+004	0.0000e+000	0.0000e+000
	94	1.4552e-011	-5.4760e+000	-2.2737e-013	-1.1536e+004	0.0000e+000	1.1085e+003
67	35	0.0000e+000	-4.2074e+000	0.0000e+000	1.0393e+004	-4.3656e-011	0.0000e+000
	92	0.0000e+000	4.2074e+000	0.0000e+000	-1.0393e+004	-4.3656e-011	-8.2474e+002
69	77	1.8190e-012	3.4328e+001	-2.8422e-014	6.1953e+003	-2.9104e-011	1.1008e+004
	78	-1.8190e-012	-3.4328e+001	2.8422e-014	-6.1953e+003	-1.4552e-011	1.0414e+004
70	76	-1.0914e-011	4.5326e+000	1.4211e-014	7.1627e+003	-3.6380e-012	-8.3242e+002
	77	1.0914e-011	-4.5326e+000	-1.4211e-014	-7.1627e+003	0.0000e+000	4.3408e+003
71	68	0.0000e+000	3.2297e+002	-4.2633e-014	9.7588e+003	2.1828e-011	1.5295e+005
	67	0.0000e+000	-3.2297e+002	4.2633e-014	-9.7588e+003	1.4552e-011	1.9137e+005
72	69	0.0000e+000	5.5167e+002	-2.8422e-014	7.1533e+003	0.0000e+000	2.3456e+005
	68	0.0000e+000	-5.5167e+002	2.8422e-014	-7.1533e+003	0.0000e+000	1.9465e+005
73	81	-4.7868e+001	-5.3295e+002	1.2560e+002	3.1661e+004	-3.1969e+004	-1.4452e+005
	83	4.7868e+001	5.3295e+002	-1.2560e+002	-3.1661e+004	-3.4164e+004	-1.3609e+005
74	79	1.4012e+001	-1.8461e+002	1.8134e+001	4.7143e+004	-7.0330e+003	-8.3818e+004
	81	-1.4012e+001	1.8461e+002	-1.8134e+001	-4.7143e+004	-8.9818e+003	-7.9221e+004
75	76	-3.5307e+000	-2.3015e+002	1.0404e+001	4.4806e+004	-2.8134e+003	-8.8028e+004
	79	3.5307e+000	2.3015e+002	-1.0404e+001	-4.4806e+004	-5.4290e+003	-9.4306e+004
76	73	-1.6818e+000	-2.1251e+002	-6.8429e+000	4.0171e+004	3.6978e+003	-8.4912e+004
	76	1.6818e+000	2.1251e+002	6.8429e+000	-4.0171e+004	1.7230e+003	-8.3436e+004
77	70	1.6871e+001	-1.5348e+002	-1.9615e+001	3.0965e+004	9.3664e+003	-6.2292e+004
	73	-1.6871e+001	1.5348e+002	1.9615e+001	-3.0965e+004	7.6263e+003	-7.0669e+004
78	69	-1.4701e+001	-4.4142e+002	-5.6043e+001	-9.1057e+003	1.4304e+004	-1.2069e+005
	70	1.4701e+001	4.4142e+002	5.6043e+001	9.1057e+003	1.4732e+004	-1.0801e+005
79	74	9.5334e-001	3.8292e+001	-7.3615e+000	3.5184e+004	3.7729e+003	1.4227e+004
	77	-9.5334e-001	-3.8292e+001	7.3615e+000	-3.5184e+004	2.0366e+003	1.5991e+004
80	71	-2.5442e+000	2.5660e+001	-1.7810e+001	2.4576e+004	8.4127e+003	1.0641e+004
	74	2.5442e+000	-2.5660e+001	1.7810e+001	-2.4576e+004	7.0332e+003	1.1613e+004
81	68	-5.5246e+000	8.2638e+001	-4.1383e+001	-4.0328e+004	9.7512e+003	2.2105e+004
	71	5.5246e+000	-8.2638e+001	4.1383e+001	4.0328e+004	1.1649e+004	2.0630e+004
82	82	1.8453e+001	3.9612e+002	1.0079e+002	3.3411e+004	-2.6975e+004	1.1677e+005
	84	-1.8453e+001	-3.9612e+002	-1.0079e+002	-3.3411e+004	-2.9165e+004	1.0387e+005
83	80	-8.1511e+000	1.9756e+002	1.6425e+001	4.7581e+004	-6.2302e+003	8.7071e+004

	82	8.1511e+000	-1.9756e+002	-1.6425e+001	-4.7581e+004	-8.2064e+003	8.6573e+004
84	78	8.9900e-001	2.1588e+002	6.8492e+000	4.2307e+004	-1.5758e+003	8.5544e+004
	80	-8.9900e-001	-2.1588e+002	-6.8492e+000	-4.2307e+004	-3.9855e+003	8.9744e+004
85	75	2.5766e+000	2.0172e+002	-8.6834e+000	3.9865e+004	4.4742e+003	8.1794e+004
	78	-2.5766e+000	-2.0172e+002	8.6834e+000	-3.9865e+004	2.5570e+003	8.1547e+004
86	72	-1.5977e+001	1.4841e+002	-2.1179e+001	3.2783e+004	1.0260e+004	6.1480e+004
	75	1.5977e+001	-1.4841e+002	2.1179e+001	-3.2783e+004	8.4533e+003	6.9649e+004
87	67	2.7812e+001	4.4184e+002	-6.2241e+001	-1.6192e+003	1.6389e+004	1.2850e+005
	72	-2.7812e+001	-4.4184e+002	6.2241e+001	1.6192e+003	1.6464e+004	1.0473e+005
95	41	-8.4688e+000	-8.2967e+001	8.1776e+001	-3.2375e+004	-1.4913e+004	-1.8300e+004
	77	8.4688e+000	8.2967e+001	-8.1776e+001	3.2375e+004	-1.9760e+004	-1.6879e+004
98	38	1.2552e+001	1.0657e+002	5.0157e+001	-3.1197e+004	-1.1171e+004	2.0942e+004
	74	-1.2552e+001	-1.0657e+002	-5.0157e+001	3.1197e+004	-1.0898e+004	2.5947e+004
101	35	-5.7017e+001	1.2227e+002	2.3421e+002	-2.9841e+004	-4.2267e+004	2.5300e+004
	71	5.7017e+001	-1.2227e+002	-2.3421e+002	2.9841e+004	-6.5470e+004	3.0944e+004
104	32	-1.4597e+002	7.9523e+001	1.2244e+003	-2.9206e+004	-2.6793e+005	1.8296e+004
	68	1.4597e+002	-7.9523e+001	-1.2244e+003	2.9206e+004	-3.0751e+005	1.9080e+004
122	47	0.0000e+000	-7.3948e+002	-3.5527e-015	1.1189e+004	2.7285e-012	-3.5425e+005
	48	0.0000e+000	7.3948e+002	3.5527e-015	-1.1189e+004	3.6380e-012	-3.5272e+005
123	41	-1.8190e-012	-1.6937e+001	2.8422e-014	9.0371e+003	-1.4552e-011	-3.8282e+003
	42	1.8190e-012	1.6937e+001	-2.8422e-014	-9.0371e+003	-1.4552e-011	-6.7411e+003
124	40	-1.8190e-012	-2.5482e+001	7.1054e-015	1.0165e+004	-3.6380e-012	-1.2917e+004
	41	1.8190e-012	2.5482e+001	-7.1054e-015	-1.0165e+004	-3.6380e-012	-6.8073e+003
125	32	0.0000e+000	4.3486e+002	-1.0658e-014	1.3212e+004	0.0000e+000	2.1522e+005
	31	0.0000e+000	-4.3486e+002	1.0658e-014	-1.3212e+004	1.8190e-012	2.4837e+005
126	33	1.4552e-011	7.6961e+002	2.1316e-014	1.0807e+004	1.8190e-012	3.1678e+005
	32	-1.4552e-011	-7.6961e+002	-2.1316e-014	-1.0807e+004	0.0000e+000	2.8199e+005
127	45	0.0000e+000	-8.8679e+002	-4.5475e-013	1.1535e+004	0.0000e+000	-2.2059e+005
	47	0.0000e+000	8.8679e+002	4.5475e-013	-1.1535e+004	-1.1642e-010	-2.4613e+005
128	43	0.0000e+000	-2.5406e+002	0.0000e+000	4.3242e+004	-5.8208e-011	-1.1625e+005
	45	0.0000e+000	2.5406e+002	0.0000e+000	-4.3242e+004	-2.9104e-011	-1.0809e+005
129	40	0.0000e+000	-3.3623e+002	2.8422e-014	4.5054e+004	0.0000e+000	-1.3042e+005
	43	0.0000e+000	3.3623e+002	-2.8422e-014	-4.5054e+004	-7.2760e-012	-1.3588e+005
130	37	0.0000e+000	-3.2307e+002	-4.2633e-014	4.1724e+004	5.4570e-012	-1.2888e+005
	40	0.0000e+000	3.2307e+002	4.2633e-014	-4.1724e+004	7.2760e-012	-1.2700e+005
131	34	7.2760e-012	-2.4574e+002	5.6843e-014	3.9677e+004	-1.4552e-011	-1.0211e+005
	37	-7.2760e-012	2.4574e+002	-5.6843e-014	-3.9677e+004	0.0000e+000	-1.1072e+005
132	33	0.0000e+000	-7.2279e+002	0.0000e+000	7.4507e+003	1.1642e-010	-1.9539e+005
	34	0.0000e+000	7.2279e+002	0.0000e+000	-7.4507e+003	0.0000e+000	-1.7902e+005
133	38	1.8190e-012	4.2079e+001	-4.2633e-014	3.7537e+004	5.4570e-012	1.6584e+004
	41	-1.8190e-012	-4.2079e+001	4.2633e-014	-3.7537e+004	7.2760e-012	1.6616e+004
134	35	-5.4570e-012	3.4936e+001	5.6843e-014	3.6461e+004	-2.9104e-011	1.4795e+004
	38	5.4570e-012	-3.4936e+001	-5.6843e-014	-3.6461e+004	-2.9104e-011	1.5495e+004
135	32	-9.0949e-012	1.0111e+002	2.2737e-013	-2.5712e+004	5.8208e-011	2.5871e+004
	35	9.0949e-012	-1.0111e+002	-2.2737e-013	2.5712e+004	0.0000e+000	2.6406e+004
136	46	1.4552e-011	6.6297e+002	2.2737e-013	1.2957e+004	-2.3283e-010	1.7711e+005
	48	-1.4552e-011	-6.6297e+002	-2.2737e-013	-1.2957e+004	-1.7462e-010	1.9203e+005
137	44	-7.2760e-012	2.5471e+002	-5.6843e-014	4.2612e+004	0.0000e+000	1.1357e+005
	46	7.2760e-012	-2.5471e+002	5.6843e-014	-4.2612e+004	0.0000e+000	1.1028e+005
138	42	7.2760e-012	2.9705e+002	-2.8422e-014	4.6114e+004	-2.9104e-011	1.1882e+005
	44	-7.2760e-012	-2.9705e+002	2.8422e-014	-4.6114e+004	-7.2760e-012	1.2231e+005

139	39	1.4552e-011	2.9109e+002	0.0000e+000	4.5945e+004	-1.8190e-011	1.1860e+005
	42	-1.4552e-011	-2.9109e+002	0.0000e+000	-4.5945e+004	0.0000e+000	1.1706e+005
140	31	7.2760e-012	6.8358e+002	-4.5475e-013	1.4642e+004	1.1642e-010	1.9378e+005
	36	-7.2760e-012	-6.8358e+002	4.5475e-013	-1.4642e+004	1.1642e-010	1.6698e+005
141	54	6.3521e-001	-9.0028e+001	9.9001e+000	1.8618e+004	-2.9604e+003	-3.2678e+004
	55	-6.3521e-001	9.0028e+001	-9.9001e+000	-1.8618e+004	-4.4703e+003	-3.4894e+004
142	53	1.9450e-001	-6.8104e+001	-2.1590e+000	1.9340e+004	1.6004e+003	-2.7156e+004
	54	-1.9450e-001	6.8104e+001	2.1590e+000	-1.9340e+004	1.4071e+002	-2.7765e+004
143	52	4.6578e-001	-5.4865e+001	-9.3757e+000	7.2856e+003	4.0767e+003	-2.0821e+004
	53	-4.6578e-001	5.4865e+001	9.3757e+000	-7.2856e+003	3.5301e+003	-2.3692e+004
144	51	2.1701e-001	-7.4420e+001	-1.8806e+001	1.6744e+004	8.3173e+003	-3.4085e+004
	52	-2.1701e-001	7.4420e+001	1.8806e+001	-1.6744e+004	6.8513e+003	-2.5940e+004
145	30	-2.2155e-001	1.1364e+002	1.5228e+001	1.4902e+004	-4.9830e+003	3.9435e+004
	49	2.2155e-001	-1.1364e+002	-1.5228e+001	-1.4902e+004	-6.2164e+003	4.4135e+004
146	56	-4.9559e-001	8.2016e+001	1.5159e+000	2.3515e+004	3.0634e+002	3.2389e+004
	30	4.9559e-001	-8.2016e+001	-1.5159e+000	-2.3515e+004	-1.5045e+003	3.2436e+004
147	29	-3.1508e-001	7.4435e+001	-1.1046e+001	2.0650e+004	5.1828e+003	2.8749e+004
	56	3.1508e-001	-7.4435e+001	1.1046e+001	-2.0650e+004	3.6027e+003	3.0456e+004
148	50	-1.0647e-001	8.0863e+001	-2.2208e+001	6.6216e+003	9.0740e+003	3.3561e+004
	29	1.0647e-001	-8.0863e+001	2.2208e+001	-6.6216e+003	8.4825e+003	3.0363e+004
159	21	-4.2002e+001	-5.4634e+001	1.6729e+002	-2.1887e+004	-3.3646e+004	-2.2331e+004
	41	4.2002e+001	5.4634e+001	-1.6729e+002	2.1887e+004	-3.3271e+004	4.7749e+002
161	20	2.5172e+001	5.5513e+001	1.4229e+002	-2.1887e+004	-6.7097e+004	2.2443e+004
	38	-2.5172e+001	-5.5513e+001	-1.4229e+002	2.1887e+004	1.0180e+004	-2.3744e+002
164	19	-1.2740e+002	7.5244e+001	5.0039e+002	-2.1887e+004	-1.8015e+005	2.4841e+004
	35	1.2740e+002	-7.5244e+001	-5.0039e+002	2.1887e+004	-2.0006e+004	5.2571e+003
167	18	-3.7961e+002	7.1945e+001	1.3312e+003	-2.1887e+004	-3.2888e+005	2.4347e+004
	32	3.7961e+002	-7.1945e+001	-1.3312e+003	2.1887e+004	-2.0360e+005	4.4311e+003
88	48	-4.2221e+001	1.5285e+003	-4.9045e+002	-3.4097e+004	1.1887e+005	2.7726e+005
	84	4.2221e+001	-1.5285e+003	4.9045e+002	3.4097e+004	6.5046e+004	2.9592e+005
89	47	1.7811e+002	-1.9716e+002	-1.6157e+003	-3.4097e+004	3.0509e+005	-4.8534e+003
	83	-1.7811e+002	1.9716e+002	1.6157e+003	3.4097e+004	3.0080e+005	-6.9083e+004
90	46	1.9781e+002	9.4103e+002	3.8308e+002	-3.2786e+004	-7.3648e+004	1.7779e+005
	82	-1.9781e+002	-9.4103e+002	-3.8308e+002	3.2786e+004	-7.5755e+004	1.8921e+005
91	45	-3.4655e+002	-8.2657e+002	-7.6295e+002	-3.2786e+004	1.4575e+005	-1.5492e+005
	81	3.4655e+002	8.2657e+002	7.6295e+002	3.2786e+004	1.5180e+005	-1.6744e+005
92	44	-1.8132e+001	7.2073e+002	4.2930e+002	-3.1571e+004	-9.1925e+004	1.3518e+005
	80	1.8132e+001	-7.2073e+002	-4.2930e+002	3.1571e+004	-8.1943e+004	1.5672e+005
93	43	4.5174e+001	-6.8419e+002	-4.7159e+002	-3.1571e+004	8.6080e+004	-1.3396e+005
	79	-4.5174e+001	6.8419e+002	4.7159e+002	3.1571e+004	1.0492e+005	-1.4314e+005
94	42	-2.0161e+001	6.5711e+002	4.0907e+002	-3.0157e+004	-8.6636e+004	1.3085e+005
	78	2.0161e+001	-6.5711e+002	-4.0907e+002	3.0157e+004	-8.6808e+004	1.4776e+005
96	40	-1.3029e+001	-6.5743e+002	-4.5371e+002	-3.0157e+004	8.7105e+004	-1.3439e+005
	76	1.3029e+001	6.5743e+002	4.5371e+002	3.0157e+004	1.0527e+005	-1.4436e+005
97	39	5.2897e+001	5.8143e+002	2.9452e+002	-2.9060e+004	-5.7175e+004	1.2246e+005
	75	-5.2897e+001	-5.8143e+002	-2.9452e+002	2.9060e+004	-7.2413e+004	1.3337e+005
99	37	-5.8609e+001	-5.5811e+002	-3.6232e+002	-2.9060e+004	7.2376e+004	-1.1659e+005
	73	5.8609e+001	5.5811e+002	3.6232e+002	2.9060e+004	8.7044e+004	-1.2898e+005
100	36	-2.9250e+002	5.7232e+002	3.9682e+002	-2.7797e+004	-7.8654e+004	1.2890e+005
	72	2.9250e+002	-5.7232e+002	-3.9682e+002	2.7797e+004	-1.0388e+005	1.3436e+005
102	34	2.8722e+002	-6.4145e+002	-3.1691e+002	-2.7797e+004	7.5200e+004	-1.3458e+005

	70	-2.8722e+002	6.4145e+002	3.1691e+002	2.7797e+004	7.0579e+004	-1.6049e+005
103	33	1.1062e+002	-9.2425e+002	3.8917e+002	-2.7205e+004	-7.9611e+004	-1.9559e+005
	69	-1.1062e+002	9.2425e+002	-3.8917e+002	2.7205e+004	-1.0330e+005	-2.3881e+005
105	31	1.1826e+002	3.9248e+001	7.9946e+002	-2.7205e+004	-1.6329e+005	1.1163e+004
	67	-1.1826e+002	-3.9248e+001	-7.9946e+002	2.7205e+004	-2.1246e+005	7.2833e+003
106	60	1.0936e+002	2.0493e+002	1.5569e+003	-2.5538e+004	-2.2602e+004	-7.3865e+004
	39	-1.0936e+002	-2.0493e+002	-1.5569e+003	2.5538e+004	-5.5243e+004	8.4111e+004
107	13	1.4240e+002	5.2614e+002	4.1920e+002	-1.9651e+004	-1.6135e+005	9.8560e+004
	60	-1.4240e+002	-5.2614e+002	-4.1920e+002	1.9651e+004	1.4632e+004	8.5588e+004
108	61	2.7337e+000	7.8005e+002	3.5526e+001	-1.9728e+004	1.4353e+004	-5.3518e+004
	42	-2.7337e+000	-7.8005e+002	-3.5526e+001	1.9728e+004	-1.6130e+004	9.2520e+004
109	14	1.7330e+000	6.5374e+002	2.5544e+002	-2.0481e+004	-6.3649e+004	1.5169e+005
	61	-1.7330e+000	-6.5374e+002	-2.5544e+002	2.0481e+004	-2.5756e+004	7.7125e+004
110	62	-6.0474e+001	8.8504e+002	-6.5632e+002	-1.8203e+004	4.0968e+004	-3.4153e+004
	44	6.0474e+001	-8.8504e+002	6.5632e+002	1.8203e+004	-8.1521e+003	7.8404e+004
111	15	-6.5602e+001	7.3062e+002	2.6573e+001	-2.0699e+004	4.2439e+004	1.9865e+005
	62	6.5602e+001	-7.3062e+002	-2.6573e+001	2.0699e+004	-5.1739e+004	5.7066e+004
112	63	6.0607e+002	9.9432e+002	-6.2081e+002	1.2081e+004	5.6962e+004	-4.3627e+004
	46	-6.0607e+002	-9.9432e+002	6.2081e+002	-1.2081e+004	-2.5922e+004	9.3343e+004
113	16	5.7916e+002	9.0742e+002	-3.0935e+002	-2.5025e+004	1.6868e+005	2.6218e+005
	63	-5.7916e+002	-9.0742e+002	3.0935e+002	2.5025e+004	-6.0407e+004	5.5419e+004
114	64	-6.6797e+001	-4.9936e+002	-4.3100e+002	-3.2482e+004	-6.8955e+004	2.7981e+004
	55	6.6797e+001	4.9936e+002	4.3100e+002	3.2482e+004	9.2660e+004	-5.5446e+004
115	10	-5.1340e+001	-2.3943e+002	-7.0328e+002	-1.0100e+004	1.7485e+005	-5.0024e+004
	64	5.1340e+001	2.3943e+002	7.0328e+002	1.0100e+004	7.1295e+004	-3.3775e+004
116	59	-2.1922e+001	-4.4282e+002	3.3289e+002	-1.9806e+004	-3.9484e+004	2.3671e+004
	54	2.1922e+001	4.4282e+002	-3.3289e+002	1.9806e+004	1.2852e+004	-5.9096e+004
117	9	-2.3365e+001	-2.8783e+002	-3.3469e+002	-1.0677e+004	7.5383e+004	-6.5473e+004
	59	2.3365e+001	2.8783e+002	3.3469e+002	1.0677e+004	4.1760e+004	-3.5268e+004
118	57	1.9527e+001	-4.4367e+001	-5.7757e+002	-1.0543e+004	5.6930e+004	3.8256e+004
	52	-1.9527e+001	4.4367e+001	5.7757e+002	1.0543e+004	1.8154e+004	-4.4024e+004
119	7	4.8682e+000	-4.0920e+002	5.4981e+002	-1.1289e+004	-1.3613e+005	-9.8468e+004
	57	-4.8682e+000	4.0920e+002	-5.4981e+002	1.1289e+004	-5.6309e+004	-4.4752e+004
120	58	-1.3225e+001	-3.0553e+002	2.2862e+002	-1.3905e+004	-2.1757e+004	2.0271e+004
	53	1.3225e+001	3.0553e+002	-2.2862e+002	1.3905e+004	-2.2484e+003	-5.2352e+004
121	8	-1.2580e+001	-3.0920e+002	-3.5461e+001	-1.1033e+004	-1.1302e+004	-7.6479e+004
	58	1.2580e+001	3.0920e+002	3.5461e+001	1.1033e+004	2.3714e+004	-3.1741e+004
149	1	-9.7271e+000	2.0122e+002	4.5262e+002	-1.0455e+004	-1.5568e+005	5.7914e+004
	50	9.7271e+000	-2.0122e+002	-4.5262e+002	1.0455e+004	-7.4708e+004	4.4505e+004
150	5	4.3220e+001	4.0185e+002	-6.0291e+002	-1.3140e+004	1.6144e+005	9.1802e+004
	49	-4.3220e+001	-4.0185e+002	6.0291e+002	1.3140e+004	8.2741e+004	7.0949e+004
151	4	3.1587e+001	3.6692e+002	-1.2883e+002	-1.2376e+004	4.6571e+004	8.5904e+004
	30	-3.1587e+001	-3.6692e+002	1.2883e+002	1.2376e+004	8.8275e+003	7.1871e+004
152	2	-6.4040e+000	2.6827e+002	2.0684e+002	-1.1086e+004	-8.4789e+004	6.9657e+004
	29	6.4040e+000	-2.6827e+002	-2.0684e+002	1.1086e+004	-1.4497e+004	5.9112e+004
153	3	7.5819e+000	3.0527e+002	6.2872e+001	-1.1696e+004	-2.5620e+004	7.6051e+004
	56	-7.5819e+000	-3.0527e+002	-6.2872e+001	1.1696e+004	-2.9868e+003	6.2845e+004
154	6	1.6160e+001	-2.5144e+002	4.5647e+002	-1.0455e+004	-1.5633e+005	-8.0125e+004
	51	-1.6160e+001	2.5144e+002	-4.5647e+002	1.0455e+004	-7.6014e+004	-4.7859e+004
155	17	3.4293e+001	1.0892e+003	-9.7822e+002	-2.0387e+004	3.0941e+005	3.1190e+005
	48	-3.4293e+001	-1.0892e+003	9.7822e+002	2.0387e+004	8.1875e+004	1.2377e+005

156	28	3.2543e+002	4.2928e+002	-1.4458e+003	-2.0387e+004	4.3172e+005	1.4535e+005
	47	-3.2543e+002	-4.2928e+002	1.4458e+003	2.0387e+004	1.4662e+005	2.6362e+004
157	27	-9.7928e+002	-1.1757e+002	-1.0469e+003	-2.0387e+004	3.3614e+005	3.8325e+004
	45	9.7928e+002	1.1757e+002	1.0469e+003	2.0387e+004	8.2606e+004	-8.5353e+004
158	26	1.2735e+002	-2.4854e+002	-7.1108e+002	-2.0387e+004	2.1798e+005	-3.3407e+004
	43	-1.2735e+002	2.4854e+002	7.1108e+002	2.0387e+004	6.6458e+004	-6.6008e+004
160	25	-5.1673e+001	-4.5941e+002	-5.2774e+002	-2.0387e+004	1.2841e+005	-1.1114e+005
	40	5.1673e+001	4.5941e+002	5.2774e+002	2.0387e+004	8.2691e+004	-7.2622e+004
162	24	-1.3594e+002	-6.5253e+002	-2.4221e+002	-2.0387e+004	2.5211e+004	-1.8651e+005
	37	1.3594e+002	6.5253e+002	2.4221e+002	2.0387e+004	7.1673e+004	-7.4502e+004
163	12	-7.4273e+002	3.6188e+002	9.3953e+002	-2.0387e+004	-3.1274e+005	3.7127e+004
	36	7.4273e+002	-3.6188e+002	-9.3953e+002	2.0387e+004	-6.3074e+004	1.0762e+005
165	23	7.6428e+002	-9.8895e+002	3.3311e+001	-2.0387e+004	-8.2335e+004	-2.8615e+005
	34	-7.6428e+002	9.8895e+002	-3.3311e+001	2.0387e+004	6.9010e+004	-1.0943e+005
166	22	1.5744e+002	-1.3190e+003	6.6049e+002	-2.0387e+004	-2.0886e+005	-3.6220e+005
	33	-1.5744e+002	1.3190e+003	-6.6049e+002	2.0387e+004	-5.5338e+004	-1.6539e+005
168	11	3.6699e+002	-7.1227e+001	1.4094e+003	-2.0387e+004	-4.2448e+005	-4.4395e+004
	31	-3.6699e+002	7.1227e+001	-1.4094e+003	2.0387e+004	-1.3926e+005	1.5904e+004

SFORZI "Torcente di piano SLO" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	-1.7268e+002	2.8033e-015	-8.2407e+000	2.9966e+001	3.0648e+003	0.0000e+000
	124	1.7268e+002	-2.8033e-015	8.2407e+000	-2.9966e+001	3.2289e+003	0.0000e+000
2	125	2.3235e+001	3.0530e+001	-9.1603e+001	2.2659e+003	3.2790e+003	7.0582e+002
	122	-2.3235e+001	-3.0530e+001	9.1603e+001	-2.2659e+003	2.1221e+004	7.4599e+003
3	121	-2.6236e+001	3.0530e+001	7.4011e+001	2.2674e+003	-1.2953e+004	8.6555e+003
	125	2.6236e+001	-3.0530e+001	-7.4011e+001	-2.2674e+003	-6.3438e+003	-6.9529e+002
4	124	-2.0133e+002	-1.7537e+001	9.8798e+001	1.2787e+003	-9.4020e+003	4.3029e+002
	120	2.0133e+002	1.7537e+001	-9.8798e+001	-1.2787e+003	-1.5302e+004	-4.8153e+003
5	119	-1.9466e+002	-1.7537e+001	-7.3636e+001	1.2797e+003	1.2384e+004	-3.9612e+003
	124	1.9466e+002	1.7537e+001	7.3636e+001	-1.2797e+003	6.1731e+003	-4.5822e+002
8	122	4.6089e+002	-2.7067e-016	-1.5484e+001	-4.0240e+002	6.2892e+003	0.0000e+000
	120	-4.6089e+002	2.7067e-016	1.5484e+001	4.0240e+002	4.5250e+003	0.0000e+000
9	121	3.5339e+002	0.0000e+000	-6.2965e+000	-2.6217e+002	2.1090e+003	0.0000e+000
	119	-3.5339e+002	0.0000e+000	6.2965e+000	2.6217e+002	3.1172e+003	0.0000e+000
10	122	-6.9004e+001	3.0530e+001	3.6029e+002	2.4554e+003	-2.7511e+004	-7.8215e+003
	63	6.9004e+001	-3.0530e+001	-3.6029e+002	-2.4554e+003	-4.2097e+004	1.3720e+004
11	62	5.1668e+001	3.0530e+001	-2.7064e+002	2.2936e+003	3.1767e+004	1.3693e+004
	121	-5.1668e+001	-3.0530e+001	2.7064e+002	-2.2936e+003	1.0844e+004	-8.8867e+003
12	120	-2.2717e+002	-1.7537e+001	-3.6163e+002	1.2877e+003	1.0777e+004	5.2176e+003
	64	2.2717e+002	1.7537e+001	3.6163e+002	-1.2877e+003	2.5393e+004	-6.9716e+003
13	59	-1.8638e+002	-1.7537e+001	2.7888e+002	1.2954e+003	-2.5793e+004	-6.8144e+003
	119	1.8638e+002	1.7537e+001	-2.7888e+002	-1.2954e+003	-1.5501e+004	4.2178e+003
14	118	5.7133e+002	3.0290e-016	-6.1934e+000	-3.3717e+002	3.3796e+003	0.0000e+000
	117	-5.7133e+002	-3.0290e-016	6.1934e+000	3.3717e+002	2.1300e+003	0.0000e+000
15	118	-1.1527e+002	3.6348e+001	5.0607e+002	2.2117e+003	-1.5451e+004	-1.1481e+004
	62	1.1527e+002	-3.6348e+001	-5.0607e+002	-2.2117e+003	-3.4598e+004	1.5076e+004
16	116	6.2253e+000	3.6348e+001	-5.2382e+001	2.4395e+003	9.3041e+002	-2.0676e+003
	118	-6.2253e+000	-3.6348e+001	5.2382e+001	-2.4395e+003	1.2071e+004	1.1090e+004
17	117	-2.0443e+002	-1.5899e+001	-4.9869e+002	1.1499e+003	1.2753e+004	5.0356e+003

	59	2.0443e+002	1.5899e+001	4.9869e+002	-1.1499e+003	3.6149e+004	-6.5947e+003
18	115	-1.9839e+002	-1.5899e+001	7.2990e+001	1.1585e+003	-3.5256e+003	6.8652e+002
	117	1.9839e+002	1.5899e+001	-7.2990e+001	-1.1585e+003	-1.4883e+004	-4.6964e+003
19	116	-8.3225e+001	-1.0423e-016	-5.0616e+000	1.5485e+002	2.3518e+003	0.0000e+000
	115	8.3225e+001	1.0423e-016	5.0616e+000	-1.5485e+002	2.4636e+003	0.0000e+000
20	114	6.2936e+001	-3.8894e-016	-5.5988e+000	4.0256e+001	2.7573e+003	0.0000e+000
	113	-6.2936e+001	3.8894e-016	5.5988e+000	-4.0256e+001	2.9480e+003	0.0000e+000
21	114	-1.8284e+001	3.6348e+001	2.7308e+001	2.4770e+003	-3.8625e+003	7.2927e+003
	116	1.8284e+001	-3.6348e+001	-2.7308e+001	-2.4770e+003	-3.2822e+003	2.2170e+003
22	113	-1.9455e+002	-1.5899e+001	-8.3369e+000	1.1690e+003	1.0619e+003	-3.2208e+003
	115	1.9455e+002	1.5899e+001	8.3369e+000	-1.1690e+003	1.0620e+003	-8.2963e+002
23	61	-8.7724e+000	3.6348e+001	-3.5215e+001	2.4564e+003	6.0447e+003	1.4644e+004
	114	8.7724e+000	-3.6348e+001	3.5215e+001	-2.4564e+003	1.1052e+003	-7.2638e+003
24	58	-1.8781e+002	-1.5899e+001	5.3175e+001	1.1915e+003	-6.6793e+003	-6.3685e+003
	113	1.8781e+002	1.5899e+001	-5.3175e+001	-1.1915e+003	-4.0099e+003	3.1725e+003
25	112	2.6205e+002	3.4388e-017	-4.7960e+000	-3.9189e+002	2.7857e+003	0.0000e+000
	111	-2.6205e+002	-3.4388e-017	4.7960e+000	3.9189e+002	2.3986e+003	0.0000e+000
26	112	1.9944e+001	3.7483e+001	2.5132e+002	2.0787e+003	-4.9147e+003	-1.3440e+004
	61	-1.9944e+001	-3.7483e+001	-2.5132e+002	-2.0787e+003	-6.8998e+003	1.5202e+004
27	110	6.5502e+001	3.7483e+001	-4.2835e+000	2.5089e+003	-1.0370e+003	-3.4124e+003
	112	-6.5502e+001	-3.7483e+001	4.2835e+000	-2.5089e+003	2.1290e+003	1.2968e+004
28	111	-1.2290e+002	-1.6630e+001	-2.4023e+002	7.4358e+002	1.8406e+003	6.0143e+003
	58	1.2290e+002	1.6630e+001	2.4023e+002	-7.4358e+002	9.9380e+003	-6.8297e+003
29	109	-1.1332e+002	-1.6630e+001	2.1352e+001	7.1991e+002	-1.1295e+003	1.4432e+003
	111	1.1332e+002	1.6630e+001	-2.1352e+001	-7.1991e+002	-4.2392e+003	-5.6246e+003
30	110	-6.4309e+000	1.9127e-017	-4.0096e+000	3.1272e+002	2.2652e+003	0.0000e+000
	109	6.4309e+000	-1.9127e-017	4.0096e+000	-3.1272e+002	2.3188e+003	0.0000e+000
31	108	6.0150e+001	3.7483e+001	4.0308e-001	2.5380e+003	1.1286e+003	5.5094e+003
	110	-6.0150e+001	-3.7483e+001	-4.0308e-001	-2.5380e+003	-1.2282e+003	3.7456e+003
32	107	-1.0917e+002	-1.6630e+001	1.6638e+001	7.5432e+002	-2.9972e+003	-2.4407e+003
	109	1.0917e+002	1.6630e+001	-1.6638e+001	-7.5432e+002	-1.1893e+003	-1.7438e+003
33	108	-2.5409e+001	-9.0221e-017	-3.4825e+000	2.8452e+002	2.2030e+003	0.0000e+000
	107	2.5409e+001	9.0221e-017	3.4825e+000	-2.8452e+002	1.9941e+003	0.0000e+000
34	60	5.1375e+001	3.7483e+001	2.4772e+001	2.5733e+003	-3.1278e+003	1.5017e+004
	108	-5.1375e+001	-3.7483e+001	-2.4772e+001	-2.5733e+003	-3.3317e+003	-5.2427e+003
35	57	-1.0677e+002	-1.6630e+001	-9.1564e+000	7.7189e+002	1.3673e+003	-6.4597e+003
	107	1.0677e+002	1.6630e+001	9.1564e+000	-7.7189e+002	1.0031e+003	2.1546e+003
36	60	-1.3019e+003	6.4873e-019	-3.7388e+000	-4.9084e+002	2.4926e+003	0.0000e+000
	57	1.3019e+003	-6.4873e-019	3.7388e+000	4.9084e+002	2.2591e+003	0.0000e+000
37	65	7.7687e+000	7.4607e-014	-2.3692e+001	9.3076e+001	-1.2420e+003	-4.0644e+002
	60	-7.7687e+000	-7.4607e-014	2.3692e+001	-9.3076e+001	7.3133e+003	4.0644e+002
38	66	-1.0630e+000	-1.4211e-014	2.4911e+001	2.0461e+001	-1.8198e+003	4.1646e+002
	57	1.0630e+000	1.4211e-014	-2.4911e+001	-2.0461e+001	-4.4727e+003	-4.1646e+002
68	65	-2.4829e+001	-2.2317e-016	-2.2841e+000	-4.1697e+002	1.2420e+003	0.0000e+000
	66	2.4829e+001	2.2317e-016	2.2841e+000	4.1697e+002	1.8198e+003	0.0000e+000
6	53	-9.5553e+001	7.1456e-001	8.5684e-002	1.8284e-001	-2.4452e+001	4.0782e+002
	105	9.5553e+001	-7.1456e-001	-8.5684e-002	-1.8284e-001	-2.4449e+001	2.2522e-013
7	106	4.7813e+001	6.2375e-001	5.5162e-002	3.6671e-002	-2.8110e+000	-1.8822e-013
	77	-4.7813e+001	-6.2375e-001	-5.5162e-002	-3.6671e-002	-2.8121e+000	6.3583e+001
39	89	4.6566e-010	-5.4570e-012	0.0000e+000	1.1642e-010	-1.8626e-009	-5.4570e-010
	91	-4.6566e-010	5.4570e-012	0.0000e+000	-1.1642e-010	-1.8626e-009	5.8208e-011

40	88	0.0000e+000	1.6712e-011	2.9104e-011	6.5484e-011	4.6566e-010	9.6406e-011
	90	0.0000e+000	-1.6712e-011	-2.9104e-011	-6.5484e-011	4.6566e-010	3.7107e-010
41	89	0.0000e+000	-4.0077e+002	-7.1054e-014	-1.5202e+004	2.5466e-011	-1.8396e+005
	88	0.0000e+000	4.0077e+002	7.1054e-014	1.5202e+004	3.6380e-011	-1.7570e+005
42	83	1.4749e+002	-3.9861e+002	1.3856e+002	-1.8381e+005	-2.6561e+004	-1.1365e+005
	89	-1.4749e+002	3.9861e+002	-1.3856e+002	1.8381e+005	-1.9889e+004	-1.9982e+004
43	84	-4.9841e+002	3.9324e+002	1.4112e+002	-1.7542e+005	-2.6470e+004	1.5047e+005
	88	4.9841e+002	-3.9324e+002	-1.4112e+002	1.7542e+005	-1.9986e+004	-2.1018e+004
44	87	0.0000e+000	5.4570e-012	0.0000e+000	2.9104e-011	-3.7253e-009	9.4587e-011
	69	0.0000e+000	-5.4570e-012	0.0000e+000	-2.9104e-011	-2.7940e-009	0.0000e+000
45	67	4.6566e-010	-6.8212e-012	2.9104e-011	-2.3283e-010	0.0000e+000	1.2733e-010
	86	-4.6566e-010	6.8212e-012	-2.9104e-011	2.3283e-010	0.0000e+000	-1.1642e-010
46	99	0.0000e+000	1.0272e+002	0.0000e+000	4.9324e+003	-9.0949e-013	7.6127e+004
	98	0.0000e+000	-1.0272e+002	0.0000e+000	-4.9324e+003	-9.0949e-013	7.6407e+004
47	98	-5.8208e-011	1.8190e-012	-7.2760e-012	-3.6380e-012	0.0000e+000	-1.3824e-010
	85	5.8208e-011	-1.8190e-012	7.2760e-012	3.6380e-012	-2.3283e-010	2.3283e-010
48	104	-5.8208e-011	0.0000e+000	-7.2760e-012	-1.4552e-011	0.0000e+000	-7.2760e-011
	99	5.8208e-011	0.0000e+000	7.2760e-012	1.4552e-011	-2.3283e-010	2.3283e-010
49	103	0.0000e+000	0.0000e+000	0.0000e+000	9.0949e-013	-5.8208e-011	9.0949e-011
	100	0.0000e+000	0.0000e+000	0.0000e+000	-9.0949e-013	0.0000e+000	-2.9104e-011
50	101	0.0000e+000	9.0949e-013	-7.2760e-012	-7.2760e-012	0.0000e+000	9.8225e-011
	102	0.0000e+000	-9.0949e-013	7.2760e-012	7.2760e-012	-2.3283e-010	5.8208e-011
51	100	0.0000e+000	-1.7788e+002	3.5527e-015	1.7403e+003	0.0000e+000	-6.9200e+004
	101	0.0000e+000	1.7788e+002	-3.5527e-015	-1.7403e+003	9.0949e-013	-7.4886e+004
52	49	7.4832e+002	2.0472e+002	3.6945e+002	-7.5741e+004	-2.9169e+004	3.0420e+004
	101	-7.4832e+002	-2.0472e+002	-3.6945e+002	7.5741e+004	-2.2586e+004	-1.7403e+003
53	55	-4.0754e+002	-1.9222e+002	2.8338e+002	-6.7949e+004	-2.3186e+004	-4.3740e+004
	100	4.0754e+002	1.9222e+002	-2.8338e+002	6.7949e+004	-1.7412e+004	1.6201e+004
54	99	-3.4588e+002	-1.0756e+002	-4.7132e+002	-7.5695e+004	1.5586e+004	-1.1128e+004
	51	3.4588e+002	1.0756e+002	4.7132e+002	7.5695e+004	1.8159e+004	3.4271e+003
55	98	2.9114e+002	1.0689e+002	-4.6349e+002	-7.6628e+004	1.4892e+004	-4.9324e+003
	50	-2.9114e+002	-1.0689e+002	4.6349e+002	7.6628e+004	1.7556e+004	1.2415e+004
56	97	-1.4552e-011	7.7017e+000	0.0000e+000	-3.1935e+003	-1.4552e-011	3.0361e+003
	96	1.4552e-011	-7.7017e+000	0.0000e+000	3.1935e+003	0.0000e+000	0.0000e+000
57	95	2.9104e-011	7.7017e+000	-2.8422e-013	-3.0517e+003	1.4552e-011	0.0000e+000
	97	-2.9104e-011	-7.7017e+000	2.8422e-013	3.0517e+003	1.4552e-011	2.0122e+003
58	93	3.6380e-012	5.5396e-015	0.0000e+000	5.0503e+003	-2.9104e-011	0.0000e+000
	97	-3.6380e-012	-5.5396e-015	0.0000e+000	-5.0503e+003	-2.9104e-011	0.0000e+000
59	93	0.0000e+000	-5.1924e+000	0.0000e+000	1.3046e+004	0.0000e+000	-1.9810e+003
	36	0.0000e+000	5.1924e+000	0.0000e+000	-1.3046e+004	0.0000e+000	0.0000e+000
60	92	0.0000e+000	-5.1924e+000	5.6843e-014	1.1794e+004	1.4552e-011	9.3069e+002
	93	0.0000e+000	5.1924e+000	-5.6843e-014	-1.1794e+004	1.4552e-011	-2.9117e+003
61	96	0.0000e+000	2.6725e+002	1.8190e-012	4.2791e+004	1.1642e-010	-4.0374e+004
	39	0.0000e+000	-2.6725e+002	-1.8190e-012	-4.2791e+004	1.1642e-010	1.1854e+005
62	36	-7.2760e-012	2.5955e+002	2.2737e-013	4.2250e+004	-1.1642e-010	1.0918e+005
	96	7.2760e-012	-2.5955e+002	-2.2737e-013	-4.2250e+004	-5.8208e-011	4.4177e+004
63	95	0.0000e+000	-7.2825e+000	1.1369e-013	6.4404e+002	2.9104e-011	-3.1566e+003
	94	0.0000e+000	7.2825e+000	-1.1369e-013	-6.4404e+002	0.0000e+000	0.0000e+000
64	92	0.0000e+000	4.1915e-001	0.0000e+000	-3.6423e+001	5.8208e-011	0.0000e+000
	95	0.0000e+000	-4.1915e-001	0.0000e+000	3.6423e+001	5.8208e-011	1.8168e+002
65	94	0.0000e+000	-1.0701e+000	0.0000e+000	1.3086e+004	1.4552e-011	-6.2242e+002

	39	0.0000e+000	1.0701e+000	0.0000e+000	-1.3086e+004	1.4552e-011	0.0000e+000
66	38	0.0000e+000	6.2125e+000	2.2737e-013	1.3087e+004	1.4552e-011	0.0000e+000
	94	0.0000e+000	-6.2125e+000	-2.2737e-013	-1.3087e+004	1.4552e-011	1.2576e+003
67	35	0.0000e+000	-4.7732e+000	0.0000e+000	1.1791e+004	-5.8208e-011	0.0000e+000
	92	0.0000e+000	4.7732e+000	0.0000e+000	-1.1791e+004	-5.8208e-011	-9.3566e+002
69	77	1.8190e-012	3.8945e+001	0.0000e+000	7.0285e+003	-2.9104e-011	1.2488e+004
	78	-1.8190e-012	-3.8945e+001	0.0000e+000	-7.0285e+003	-1.4552e-011	1.1815e+004
70	76	-1.0914e-011	5.1423e+000	1.4211e-014	8.1260e+003	-3.6380e-012	-9.4437e+002
	77	1.0914e-011	-5.1423e+000	-1.4211e-014	-8.1260e+003	0.0000e+000	4.9246e+003
71	68	0.0000e+000	3.6641e+002	-4.2633e-014	1.1071e+004	1.4552e-011	1.7352e+005
	67	0.0000e+000	-3.6641e+002	4.2633e-014	-1.1071e+004	1.8190e-011	2.1711e+005
72	69	0.0000e+000	6.2587e+002	-1.4211e-014	8.1154e+003	0.0000e+000	2.6610e+005
	68	0.0000e+000	-6.2587e+002	1.4211e-014	-8.1154e+003	0.0000e+000	2.2083e+005
73	81	-5.4306e+001	-6.0463e+002	1.4250e+002	3.5919e+004	-3.6268e+004	-1.6396e+005
	83	5.4306e+001	6.0463e+002	-1.4250e+002	-3.5919e+004	-3.8759e+004	-1.5439e+005
74	79	1.5896e+001	-2.0944e+002	2.0573e+001	5.3484e+004	-7.9789e+003	-9.5090e+004
	81	-1.5896e+001	2.0944e+002	-2.0573e+001	-5.3484e+004	-1.0190e+004	-8.9876e+004
75	76	-4.0055e+000	-2.6110e+002	1.1803e+001	5.0832e+004	-3.1918e+003	-9.9868e+004
	79	4.0055e+000	2.6110e+002	-1.1803e+001	-5.0832e+004	-6.1591e+003	-1.0699e+005
76	73	-1.9080e+000	-2.4109e+002	-7.7632e+000	4.5574e+004	4.1951e+003	-9.6332e+004
	76	1.9080e+000	2.4109e+002	7.7632e+000	-4.5574e+004	1.9548e+003	-9.4658e+004
77	70	1.9140e+001	-1.7412e+002	-2.2253e+001	3.5130e+004	1.0626e+004	-7.0670e+004
	73	-1.9140e+001	1.7412e+002	2.2253e+001	-3.5130e+004	8.6520e+003	-8.0173e+004
78	69	-1.6678e+001	-5.0078e+002	-6.3580e+001	-1.0330e+004	1.6228e+004	-1.3692e+005
	70	1.6678e+001	5.0078e+002	6.3580e+001	1.0330e+004	1.6713e+004	-1.2253e+005
79	74	1.0816e+000	4.3442e+001	-8.3516e+000	3.9916e+004	4.2803e+003	1.6141e+004
	77	-1.0816e+000	-4.3442e+001	8.3516e+000	-3.9916e+004	2.3105e+003	1.8142e+004
80	71	-2.8864e+000	2.9111e+001	-2.0205e+001	2.7881e+004	9.5441e+003	1.2072e+004
	74	2.8864e+000	-2.9111e+001	2.0205e+001	-2.7881e+004	7.9791e+003	1.3175e+004
81	68	-6.2676e+000	9.3752e+001	-4.6949e+001	-4.5752e+004	1.1063e+004	2.5078e+004
	71	6.2676e+000	-9.3752e+001	4.6949e+001	4.5752e+004	1.3216e+004	2.3404e+004
82	82	2.0934e+001	4.4939e+002	1.1434e+002	3.7905e+004	-3.0602e+004	1.3247e+005
	84	-2.0934e+001	-4.4939e+002	-1.1434e+002	-3.7905e+004	-3.3087e+004	1.1784e+005
83	80	-9.2474e+000	2.2413e+002	1.8634e+001	5.3980e+004	-7.0681e+003	9.8781e+004
	82	9.2474e+000	-2.2413e+002	-1.8634e+001	-5.3980e+004	-9.3101e+003	9.8217e+004
84	78	1.0199e+000	2.4492e+002	7.7703e+000	4.7997e+004	-1.7877e+003	9.7049e+004
	80	-1.0199e+000	-2.4492e+002	-7.7703e+000	-4.7997e+004	-4.5215e+003	1.0181e+005
85	75	2.9232e+000	2.2885e+002	-9.8512e+000	4.5227e+004	5.0759e+003	9.2795e+004
	78	-2.9232e+000	-2.2885e+002	9.8512e+000	-4.5227e+004	2.9008e+003	9.2514e+004
86	72	-1.8125e+001	1.6837e+002	-2.4028e+001	3.7192e+004	1.1639e+004	6.9749e+004
	75	1.8125e+001	-1.6837e+002	2.4028e+001	-3.7192e+004	9.5903e+003	7.9017e+004
87	67	3.1553e+001	5.0127e+002	-7.0611e+001	-1.8370e+003	1.8594e+004	1.4578e+005
	72	-3.1553e+001	-5.0127e+002	7.0611e+001	1.8370e+003	1.8678e+004	1.1881e+005
95	41	-9.6078e+000	-9.4126e+001	9.2774e+001	-3.6729e+004	-1.6919e+004	-2.0761e+004
	77	9.6078e+000	9.4126e+001	-9.2774e+001	3.6729e+004	-2.2417e+004	-1.9149e+004
98	38	1.4241e+001	1.2090e+002	5.6903e+001	-3.5393e+004	-1.2674e+004	2.3758e+004
	74	-1.4241e+001	-1.2090e+002	-5.6903e+001	3.5393e+004	-1.2364e+004	2.9437e+004
101	35	-6.4685e+001	1.3871e+002	2.6571e+002	-3.3854e+004	-4.7951e+004	2.8703e+004
	71	6.4685e+001	-1.3871e+002	-2.6571e+002	3.3854e+004	-7.4275e+004	3.5105e+004
104	32	-1.6560e+002	9.0219e+001	1.3890e+003	-3.3134e+004	-3.0397e+005	2.0757e+004
	68	1.6560e+002	-9.0219e+001	-1.3890e+003	3.3134e+004	-3.4887e+005	2.1646e+004

122	47	0.0000e+000	-8.3893e+002	-5.3291e-015	1.2694e+004	2.7285e-012	-4.0189e+005
	48	0.0000e+000	8.3893e+002	5.3291e-015	-1.2694e+004	1.8190e-012	-4.0016e+005
123	41	-1.8190e-012	-1.9215e+001	4.2633e-014	1.0252e+004	-7.2760e-012	-4.3431e+003
	42	1.8190e-012	1.9215e+001	-4.2633e-014	-1.0252e+004	-1.0914e-011	-7.6478e+003
124	40	-1.8190e-012	-2.8910e+001	0.0000e+000	1.1533e+004	-7.2760e-012	-1.4654e+004
	41	1.8190e-012	2.8910e+001	0.0000e+000	-1.1533e+004	0.0000e+000	-7.7228e+003
125	32	0.0000e+000	4.9334e+002	-7.1054e-015	1.4989e+004	3.6380e-012	2.4417e+005
	31	0.0000e+000	-4.9334e+002	7.1054e-015	-1.4989e+004	1.8190e-012	2.8178e+005
126	33	0.0000e+000	8.7312e+002	1.4211e-014	1.2260e+004	0.0000e+000	3.5938e+005
	32	0.0000e+000	-8.7312e+002	-1.4211e-014	-1.2260e+004	0.0000e+000	3.1991e+005
127	45	-1.4552e-011	-1.0061e+003	0.0000e+000	1.3086e+004	-1.1642e-010	-2.5026e+005
	47	1.4552e-011	1.0061e+003	0.0000e+000	-1.3086e+004	0.0000e+000	-2.7924e+005
128	43	0.0000e+000	-2.8823e+002	-5.6843e-014	4.9058e+004	-5.8208e-011	-1.3189e+005
	45	0.0000e+000	2.8823e+002	5.6843e-014	-4.9058e+004	-2.9104e-011	-1.2262e+005
129	40	0.0000e+000	-3.8145e+002	0.0000e+000	5.1113e+004	0.0000e+000	-1.4796e+005
	43	0.0000e+000	3.8145e+002	0.0000e+000	-5.1113e+004	-1.4552e-011	-1.5416e+005
130	37	0.0000e+000	-3.6652e+002	-2.8422e-014	4.7336e+004	5.4570e-012	-1.4621e+005
	40	0.0000e+000	3.6652e+002	2.8422e-014	-4.7336e+004	0.0000e+000	-1.4408e+005
131	34	0.0000e+000	-2.7879e+002	0.0000e+000	4.5013e+004	-1.4552e-011	-1.1585e+005
	37	0.0000e+000	2.7879e+002	0.0000e+000	-4.5013e+004	0.0000e+000	-1.2561e+005
132	33	-1.4552e-011	-8.2000e+002	4.5475e-013	8.4528e+003	1.1642e-010	-2.2167e+005
	34	1.4552e-011	8.2000e+002	-4.5475e-013	-8.4528e+003	1.1642e-010	-2.0309e+005
133	38	1.3642e-012	4.7738e+001	-2.8422e-014	4.2585e+004	3.6380e-012	1.8815e+004
	41	-1.3642e-012	-4.7738e+001	2.8422e-014	-4.2585e+004	7.2760e-012	1.8851e+004
134	35	-6.3665e-012	3.9634e+001	1.1369e-013	4.1364e+004	-4.3656e-011	1.6785e+004
	38	6.3665e-012	-3.9634e+001	-1.1369e-013	-4.1364e+004	0.0000e+000	1.7579e+004
135	32	-1.2733e-011	1.1471e+002	4.5475e-013	-2.9170e+004	0.0000e+000	2.9350e+004
	35	1.2733e-011	-1.1471e+002	-4.5475e-013	2.9170e+004	0.0000e+000	2.9958e+004
136	46	1.4552e-011	7.5213e+002	9.0949e-013	1.4700e+004	-1.1642e-010	2.0093e+005
	48	-1.4552e-011	-7.5213e+002	-9.0949e-013	-1.4700e+004	-1.1642e-010	2.1786e+005
137	44	-7.2760e-012	2.8896e+002	5.6843e-014	4.8344e+004	0.0000e+000	1.2884e+005
	46	7.2760e-012	-2.8896e+002	-5.6843e-014	-4.8344e+004	0.0000e+000	1.2511e+005
138	42	7.2760e-012	3.3700e+002	-5.6843e-014	5.2316e+004	-1.4552e-011	1.3480e+005
	44	-7.2760e-012	-3.3700e+002	5.6843e-014	-5.2316e+004	-2.1828e-011	1.3876e+005
139	39	1.4552e-011	3.3024e+002	0.0000e+000	5.2124e+004	-1.8190e-011	1.3455e+005
	42	-1.4552e-011	-3.3024e+002	0.0000e+000	-5.2124e+004	-1.4552e-011	1.3280e+005
140	31	1.4552e-011	7.7552e+002	-4.5475e-013	1.6612e+004	1.1642e-010	2.1985e+005
	36	-1.4552e-011	-7.7552e+002	4.5475e-013	-1.6612e+004	1.1642e-010	1.8944e+005
141	54	7.2064e-001	-1.0214e+002	1.1232e+001	2.1122e+004	-3.3585e+003	-3.7073e+004
	55	-7.2064e-001	1.0214e+002	-1.1232e+001	-2.1122e+004	-5.0715e+003	-3.9587e+004
142	53	2.2066e-001	-7.7264e+001	-2.4494e+000	2.1941e+004	1.8156e+003	-3.0808e+004
	54	-2.2066e-001	7.7264e+001	2.4494e+000	-2.1941e+004	1.5963e+002	-3.1500e+004
143	52	5.2842e-001	-6.2243e+001	-1.0637e+001	8.2654e+003	4.6249e+003	-2.3621e+004
	53	-5.2842e-001	6.2243e+001	1.0637e+001	-8.2654e+003	4.0049e+003	-2.6878e+004
144	51	2.4620e-001	-8.4429e+001	-2.1336e+001	1.8996e+004	9.4359e+003	-3.8669e+004
	52	-2.4620e-001	8.4429e+001	2.1336e+001	-1.8996e+004	7.7727e+003	-2.9428e+004
145	30	-2.5135e-001	1.2892e+002	1.7277e+001	1.6906e+004	-5.6532e+003	4.4739e+004
	49	2.5135e-001	-1.2892e+002	-1.7277e+001	-1.6906e+004	-7.0525e+003	5.0071e+004
146	56	-5.6224e-001	9.3046e+001	1.7198e+000	2.6678e+004	3.4754e+002	3.6745e+004
	30	5.6224e-001	-9.3046e+001	-1.7198e+000	-2.6678e+004	-1.7069e+003	3.6798e+004
147	29	-3.5745e-001	8.4446e+001	-1.2531e+001	2.3427e+004	5.8799e+003	3.2616e+004

	56	3.5745e-001	-8.4446e+001	1.2531e+001	-2.3427e+004	4.0872e+003	3.4552e+004
148	50	-1.2079e-001	9.1738e+001	-2.5195e+001	7.5122e+003	1.0294e+004	3.8075e+004
	29	1.2079e-001	-9.1738e+001	2.5195e+001	-7.5122e+003	9.6233e+003	3.4447e+004
159	21	-4.7651e+001	-6.1982e+001	1.8979e+002	-2.4830e+004	-3.8171e+004	-2.5334e+004
	41	4.7651e+001	6.1982e+001	-1.8979e+002	2.4830e+004	-3.7746e+004	5.4170e+002
161	20	2.8557e+001	6.2979e+001	1.6143e+002	-2.4830e+004	-7.6121e+004	2.5461e+004
	38	-2.8557e+001	-6.2979e+001	-1.6143e+002	2.4830e+004	1.1549e+004	-2.6938e+002
164	19	-1.4453e+002	8.5364e+001	5.6769e+002	-2.4830e+004	-2.0438e+005	2.8181e+004
	35	1.4453e+002	-8.5364e+001	-5.6769e+002	2.4830e+004	-2.2697e+004	5.9641e+003
167	18	-4.3067e+002	8.1621e+001	1.5102e+003	-2.4830e+004	-3.7311e+005	2.7621e+004
	32	4.3067e+002	-8.1621e+001	-1.5102e+003	2.4830e+004	-2.3099e+005	5.0271e+003
88	48	-4.7899e+001	1.7340e+003	-5.5641e+002	-3.8683e+004	1.3486e+005	3.1455e+005
	84	4.7899e+001	-1.7340e+003	5.5641e+002	3.8683e+004	7.3794e+004	3.3572e+005
89	47	2.0207e+002	-2.2368e+002	-1.8330e+003	-3.8683e+004	3.4612e+005	-5.5061e+003
	83	-2.0207e+002	2.2368e+002	1.8330e+003	3.8683e+004	3.4126e+005	-7.8374e+004
90	46	2.2441e+002	1.0676e+003	4.3460e+002	-3.7195e+004	-8.3553e+004	2.0171e+005
	82	-2.2441e+002	-1.0676e+003	-4.3460e+002	3.7195e+004	-8.5943e+004	2.1465e+005
91	45	-3.9316e+002	-9.3773e+002	-8.6556e+002	-3.7195e+004	1.6536e+005	-1.7576e+005
	81	3.9316e+002	9.3773e+002	8.6556e+002	3.7195e+004	1.7221e+005	-1.8996e+005
92	44	-2.0570e+001	8.1767e+002	4.8704e+002	-3.5817e+004	-1.0429e+005	1.5336e+005
	80	2.0570e+001	-8.1767e+002	-4.8704e+002	3.5817e+004	-9.2963e+004	1.7780e+005
93	43	5.1250e+001	-7.7620e+002	-5.3502e+002	-3.5817e+004	9.7657e+004	-1.5197e+005
	79	-5.1250e+001	7.7620e+002	5.3502e+002	3.5817e+004	1.1903e+005	-1.6239e+005
94	42	-2.2872e+001	7.4549e+002	4.6408e+002	-3.4212e+004	-9.8288e+004	1.4845e+005
	78	2.2872e+001	-7.4549e+002	-4.6408e+002	3.4212e+004	-9.8483e+004	1.6764e+005
96	40	-1.4781e+001	-7.4585e+002	-5.1473e+002	-3.4212e+004	9.8820e+004	-1.5247e+005
	76	1.4781e+001	7.4585e+002	5.1473e+002	3.4212e+004	1.1943e+005	-1.6378e+005
97	39	6.0011e+001	6.5963e+002	3.3413e+002	-3.2968e+004	-6.4865e+004	1.3893e+005
	75	-6.0011e+001	-6.5963e+002	-3.3413e+002	3.2968e+004	-8.2153e+004	1.5131e+005
99	37	-6.6492e+001	-6.3317e+002	-4.1105e+002	-3.2968e+004	8.2110e+004	-1.3227e+005
	73	6.6492e+001	6.3317e+002	4.1105e+002	3.2968e+004	9.8751e+004	-1.4633e+005
100	36	-3.3184e+002	6.4929e+002	4.5018e+002	-3.1535e+004	-8.9232e+004	1.4624e+005
	72	3.3184e+002	-6.4929e+002	-4.5018e+002	3.1535e+004	-1.1785e+005	1.5243e+005
102	34	3.2585e+002	-7.2772e+002	-3.5953e+002	-3.1535e+004	8.5314e+004	-1.5267e+005
	70	-3.2585e+002	7.2772e+002	3.5953e+002	3.1535e+004	8.0071e+004	-1.8208e+005
103	33	1.2550e+002	-1.0486e+003	4.4151e+002	-3.0864e+004	-9.0319e+004	-2.2189e+005
	69	-1.2550e+002	1.0486e+003	-4.4151e+002	3.0864e+004	-1.1719e+005	-2.7092e+005
105	31	1.3417e+002	4.4527e+001	9.0698e+002	-3.0864e+004	-1.8525e+005	1.2665e+004
	67	-1.3417e+002	-4.4527e+001	-9.0698e+002	3.0864e+004	-2.4103e+005	8.2629e+003
106	60	1.2407e+002	2.3249e+002	1.7663e+003	-2.8972e+004	-2.5642e+004	-8.3799e+004
	39	-1.2407e+002	-2.3249e+002	-1.7663e+003	2.8972e+004	-6.2673e+004	9.5423e+004
107	13	1.6156e+002	5.9690e+002	4.7558e+002	-2.2294e+004	-1.8305e+005	1.1182e+005
	60	-1.6156e+002	-5.9690e+002	-4.7558e+002	2.2294e+004	1.6600e+004	9.7099e+004
108	61	3.1013e+000	8.8496e+002	4.0304e+001	-2.2381e+004	1.6284e+004	-6.0715e+004
	42	-3.1013e+000	-8.8496e+002	-4.0304e+001	2.2381e+004	-1.8299e+004	1.0496e+005
109	14	1.9661e+000	7.4167e+002	2.8980e+002	-2.3236e+004	-7.2209e+004	1.7209e+005
	61	-1.9661e+000	-7.4167e+002	-2.8980e+002	2.3236e+004	-2.9220e+004	8.7498e+004
110	62	-6.8607e+001	1.0041e+003	-7.4459e+002	-2.0651e+004	4.6478e+004	-3.8746e+004
	44	6.8607e+001	-1.0041e+003	7.4459e+002	2.0651e+004	-9.2485e+003	8.8949e+004
111	15	-7.4425e+001	8.2888e+002	3.0147e+001	-2.3483e+004	4.8147e+004	2.2537e+005
	62	7.4425e+001	-8.2888e+002	-3.0147e+001	2.3483e+004	-5.8698e+004	6.4741e+004

112	63	6.8758e+002	1.1281e+003	-7.0430e+002	1.3706e+004	6.4623e+004	-4.9494e+004
	46	-6.8758e+002	-1.1281e+003	7.0430e+002	-1.3706e+004	-2.9408e+004	1.0590e+005
113	16	6.5705e+002	1.0295e+003	-3.5096e+002	-2.8391e+004	1.9137e+005	2.9744e+005
	63	-6.5705e+002	-1.0295e+003	3.5096e+002	2.8391e+004	-6.8532e+004	6.2873e+004
114	64	-7.5781e+001	-5.6652e+002	-4.8897e+002	-3.6851e+004	-7.8228e+004	3.1745e+004
	55	7.5781e+001	5.6652e+002	4.8897e+002	3.6851e+004	1.0512e+005	-6.2903e+004
115	10	-5.8244e+001	-2.7163e+002	-7.9787e+002	-1.1458e+004	1.9837e+005	-5.6752e+004
	64	5.8244e+001	2.7163e+002	7.9787e+002	1.1458e+004	8.0884e+004	-3.8318e+004
116	59	-2.4870e+001	-5.0238e+002	3.7767e+002	-2.2469e+004	-4.4794e+004	2.6854e+004
	54	2.4870e+001	5.0238e+002	-3.7767e+002	2.2469e+004	1.4581e+004	-6.7044e+004
117	9	-2.6507e+001	-3.2654e+002	-3.7971e+002	-1.2113e+004	8.5521e+004	-7.4279e+004
	59	2.6507e+001	3.2654e+002	3.7971e+002	1.2113e+004	4.7377e+004	-4.0011e+004
118	57	2.2153e+001	-5.0334e+001	-6.5525e+002	-1.1960e+004	6.4587e+004	4.3401e+004
	52	-2.2153e+001	5.0334e+001	6.5525e+002	1.1960e+004	2.0596e+004	-4.9945e+004
119	7	5.5229e+000	-4.6423e+002	6.2376e+002	-1.2807e+004	-1.5443e+005	-1.1171e+005
	57	-5.5229e+000	4.6423e+002	-6.2376e+002	1.2807e+004	-6.3882e+004	-5.0771e+004
120	58	-1.5004e+001	-3.4662e+002	2.5937e+002	-1.5775e+004	-2.4683e+004	2.2997e+004
	53	1.5004e+001	3.4662e+002	-2.5937e+002	1.5775e+004	-2.5508e+003	-5.9393e+004
121	8	-1.4272e+001	-3.5078e+002	-4.0230e+001	-1.2517e+004	-1.2822e+004	-8.6765e+004
	58	1.4272e+001	3.5078e+002	4.0230e+001	1.2517e+004	2.6903e+004	-3.6010e+004
149	1	-1.1035e+001	2.2828e+002	5.1349e+002	-1.1861e+004	-1.7661e+005	6.5703e+004
	50	1.1035e+001	-2.2828e+002	-5.1349e+002	1.1861e+004	-8.4755e+004	5.0490e+004
150	5	4.9032e+001	4.5590e+002	-6.8400e+002	-1.4907e+004	1.8315e+005	1.0415e+005
	49	-4.9032e+001	-4.5590e+002	6.8400e+002	1.4907e+004	9.3869e+004	8.0491e+004
151	4	3.5835e+001	4.1627e+002	-1.4616e+002	-1.4040e+004	5.2834e+004	9.7457e+004
	30	-3.5835e+001	-4.1627e+002	1.4616e+002	1.4040e+004	1.0015e+004	8.1537e+004
152	2	-7.2653e+000	3.0435e+002	2.3466e+002	-1.2578e+004	-9.6192e+004	7.9025e+004
	29	7.2653e+000	-3.0435e+002	-2.3466e+002	1.2578e+004	-1.6446e+004	6.7063e+004
153	3	8.6016e+000	3.4632e+002	7.1327e+001	-1.3269e+004	-2.9065e+004	8.6279e+004
	56	-8.6016e+000	-3.4632e+002	-7.1327e+001	1.3269e+004	-3.3885e+003	7.1297e+004
154	6	1.8333e+001	-2.8526e+002	5.1786e+002	-1.1861e+004	-1.7735e+005	-9.0902e+004
	51	-1.8333e+001	2.8526e+002	-5.1786e+002	1.1861e+004	-8.6237e+004	-5.4296e+004
155	17	3.8905e+001	1.2357e+003	-1.1098e+003	-2.3129e+004	3.5103e+005	3.5385e+005
	48	-3.8905e+001	-1.2357e+003	1.1098e+003	2.3129e+004	9.2886e+004	1.4041e+005
156	28	3.6920e+002	4.8702e+002	-1.6403e+003	-2.3129e+004	4.8978e+005	1.6490e+005
	47	-3.6920e+002	-4.8702e+002	1.6403e+003	2.3129e+004	1.6634e+005	2.9907e+004
157	27	-1.1110e+003	-1.3338e+002	-1.1877e+003	-2.3129e+004	3.8135e+005	4.3480e+004
	45	1.1110e+003	1.3338e+002	1.1877e+003	2.3129e+004	9.3715e+004	-9.6833e+004
158	26	1.4447e+002	-2.8196e+002	-8.0672e+002	-2.3129e+004	2.4729e+005	-3.7900e+004
	43	-1.4447e+002	2.8196e+002	8.0672e+002	2.3129e+004	7.5396e+004	-7.4886e+004
160	25	-5.8623e+001	-5.2120e+002	-5.9872e+002	-2.3129e+004	1.4568e+005	-1.2609e+005
	40	5.8623e+001	5.2120e+002	5.9872e+002	2.3129e+004	9.3812e+004	-8.2389e+004
162	24	-1.5423e+002	-7.4029e+002	-2.7479e+002	-2.3129e+004	2.8602e+004	-2.1159e+005
	37	1.5423e+002	7.4029e+002	2.7479e+002	2.3129e+004	8.1313e+004	-8.4522e+004
163	12	-8.4262e+002	4.1054e+002	1.0659e+003	-2.3129e+004	-3.5480e+005	4.2121e+004
	36	8.4262e+002	-4.1054e+002	-1.0659e+003	2.3129e+004	-7.1557e+004	1.2210e+005
165	23	8.6707e+002	-1.1220e+003	3.7792e+001	-2.3129e+004	-9.3408e+004	-3.2464e+005
	34	-8.6707e+002	1.1220e+003	-3.7792e+001	2.3129e+004	7.8291e+004	-1.2415e+005
166	22	1.7861e+002	-1.4964e+003	7.4932e+002	-2.3129e+004	-2.3695e+005	-4.1091e+005
	33	-1.7861e+002	1.4964e+003	-7.4932e+002	2.3129e+004	-6.2781e+004	-1.8763e+005
168	11	4.1634e+002	-8.0806e+001	1.5989e+003	-2.3129e+004	-4.8157e+005	-5.0366e+004

	31	-4.1634e+002	8.0806e+001	-1.5989e+003	2.3129e+004	-1.5799e+005	1.8043e+004

SFORZI "Acc_300" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	-7.8057e+000	3.7366e-016	1.3184e-001	5.6194e+001	-6.2252e+001	0.0000e+000
	124	7.8057e+000	-3.7366e-016	-1.3184e-001	-5.6194e+001	-3.8438e+001	0.0000e+000
2	125	-1.0002e+003	8.7826e+000	-1.3072e+000	-1.7337e+001	-1.9511e+002	-1.0483e+003
	122	1.0002e+003	-8.7826e+000	1.3072e+000	1.7337e+001	5.4474e+002	3.3973e+003
3	121	-1.0019e+003	8.7826e+000	-1.8955e+000	4.9902e+000	2.3686e+002	1.1870e+003
	125	1.0019e+003	-8.7826e+000	1.8955e+000	-4.9902e+000	2.5736e+002	1.1029e+003
4	124	-6.7026e-001	-1.8148e-001	4.3800e+000	1.2099e+000	-4.1479e+002	-4.5919e+001
	120	6.7026e-001	1.8148e-001	-4.3800e+000	-1.2099e+000	-6.8042e+002	5.3932e-001
5	119	-8.7313e-001	-1.8148e-001	-3.4230e+000	1.6985e+000	4.0939e+002	-3.5466e+001
	124	8.7313e-001	1.8148e-001	3.4230e+000	-1.6985e+000	4.5323e+002	-1.0270e+001
8	122	2.3242e+001	-3.1038e-016	1.7476e-001	-8.1907e+001	-3.3109e+001	0.0000e+000
	120	-2.3242e+001	3.1038e-016	-1.7476e-001	8.1907e+001	-8.8944e+001	0.0000e+000
9	121	8.9073e+000	0.0000e+000	-1.8416e-004	4.8882e+001	-1.0136e+001	0.0000e+000
	119	-8.9073e+000	0.0000e+000	1.8416e-004	-4.8882e+001	1.0289e+001	0.0000e+000
10	122	-1.0057e+003	8.7826e+000	8.5052e+000	4.5200e+001	-5.1163e+002	-3.4769e+003
	63	1.0057e+003	-8.7826e+000	-8.5052e+000	-4.5200e+001	-1.1316e+003	5.1736e+003
11	62	-9.9976e+002	8.7826e+000	-3.5004e-001	2.8595e+001	2.8183e+002	2.5221e+003
	121	9.9976e+002	-8.7826e+000	3.5004e-001	-2.8595e+001	-2.2672e+002	-1.1394e+003
12	120	-1.0179e+000	-1.8148e-001	-1.8860e+001	3.0508e+000	7.6936e+002	8.1347e+001
	64	1.0179e+000	1.8148e-001	1.8860e+001	-3.0508e+000	1.1170e+003	-9.9499e+001
13	59	-8.1622e-001	-1.8148e-001	5.4806e+000	2.0812e+000	-3.9183e+002	-1.3449e+001
	119	8.1622e-001	1.8148e-001	-5.4806e+000	-2.0812e+000	-4.1968e+002	-1.3423e+001
14	118	-3.2923e+000	2.3635e-016	-2.3100e-001	-2.4967e+001	1.0638e+002	0.0000e+000
	117	3.2923e+000	-2.3635e-016	2.3100e-001	2.4967e+001	9.9126e+001	0.0000e+000
15	118	-6.7426e+002	-4.9326e+000	1.4771e+001	1.9122e+001	-3.7201e+002	6.3463e+002
	62	6.7426e+002	4.9326e+000	-1.4771e+001	-1.9122e+001	-1.0888e+003	-1.1225e+003
16	116	-6.7545e+002	-4.9326e+000	-4.2212e-001	-4.2994e+000	-1.6086e+002	-5.6524e+002
	118	6.7545e+002	4.9326e+000	4.2212e-001	4.2994e+000	2.6563e+002	-6.5911e+002
17	117	-1.7930e+000	-6.2935e-002	4.2428e+000	-4.9349e+000	-1.0863e+001	4.5240e+001
	59	1.7930e+000	6.2935e-002	-4.2428e+000	4.9349e+000	-4.0519e+002	-5.1412e+001
18	115	-1.5587e+000	-6.2935e-002	9.5337e-001	-4.8862e+000	-1.5219e+002	4.4090e+000
	117	1.5587e+000	6.2935e-002	-9.5337e-001	4.8862e+000	-8.8263e+001	-2.0282e+001
19	116	6.0679e-002	-2.3584e-016	-1.5160e-001	-2.4922e+001	6.5295e+001	0.0000e+000
	115	-6.0679e-002	2.3584e-016	1.5160e-001	2.4922e+001	7.8925e+001	0.0000e+000
20	114	-5.8067e+000	1.7823e-016	-1.4680e-001	3.8135e+001	8.2309e+001	0.0000e+000
	113	5.8067e+000	-1.7823e-016	1.4680e-001	-3.8135e+001	6.7283e+001	0.0000e+000
21	114	-6.7559e+002	-4.9326e+000	-8.2886e-001	-9.9119e+000	1.2129e+002	-1.8315e+003
	116	6.7559e+002	4.9326e+000	8.2886e-001	9.9119e+000	9.5562e+001	5.4102e+002
22	113	-1.3960e+000	-6.2935e-002	1.0261e+000	-5.4307e+000	-3.3467e+002	-3.6491e+001
	115	1.3960e+000	6.2935e-002	-1.0261e+000	5.4307e+000	7.3262e+001	2.0458e+001
23	61	-6.7711e+002	-4.9326e+000	1.9761e+000	6.7990e+000	-1.9762e+002	-2.8701e+003
	114	6.7711e+002	4.9326e+000	-1.9761e+000	-6.7990e+000	-2.0360e+002	1.8686e+003
24	58	-1.3565e+000	-6.2935e-002	-4.7918e+000	-4.5243e+000	6.9586e+002	-1.1049e+001
	113	1.3565e+000	6.2935e-002	4.7918e+000	4.5243e+000	2.6738e+002	-1.6025e+000
25	112	-3.9954e+001	2.5873e-017	-2.1538e-001	1.0690e+002	9.4078e+001	0.0000e+000
	111	3.9954e+001	-2.5873e-017	2.1538e-001	-1.0690e+002	1.3875e+002	0.0000e+000

26	112	5.1575e+002	-7.0165e+000	-5.4903e+001	1.3298e+002	6.0354e+002	3.1859e+003
	61	-5.1575e+002	7.0165e+000	5.4903e+001	-1.3298e+002	1.9775e+003	-3.5157e+003
27	110	5.0814e+002	-7.0165e+000	3.9941e+000	3.3737e+001	-3.2057e+002	1.2959e+003
	112	-5.0814e+002	7.0165e+000	-3.9941e+000	-3.3737e+001	-6.9762e+002	-3.0846e+003
28	111	-9.9997e-001	-4.6735e-002	3.9857e+001	1.4749e+001	-3.5330e+002	-6.4818e+001
	58	9.9997e-001	4.6735e-002	-3.9857e+001	-1.4749e+001	-1.6009e+003	6.2526e+001
29	109	-1.5231e+000	-4.6735e-002	-9.8184e-002	1.6603e+001	-1.8986e+002	3.0362e+001
	111	1.5231e+000	4.6735e-002	9.8184e-002	-1.6603e+001	2.1455e+002	-4.2112e+001
30	110	-4.7484e-001	5.7534e-018	-1.4825e-001	-1.2973e+001	8.9744e+001	0.0000e+000
	109	4.7484e-001	-5.7534e-018	1.4825e-001	1.2973e+001	7.9750e+001	0.0000e+000
31	108	5.0790e+002	-7.0165e+000	-1.2416e+000	4.5395e+001	7.5732e+001	-4.2429e+002
	110	-5.0790e+002	7.0165e+000	1.2416e+000	-4.5395e+001	2.3083e+002	-1.3081e+003
32	107	-1.3929e+000	-4.6735e-002	-5.5294e-001	1.6646e+001	2.9018e+001	5.3614e+000
	109	1.3929e+000	4.6735e-002	5.5294e-001	-1.6646e+001	1.1011e+002	-1.7121e+001
33	108	4.8784e-001	3.4143e-017	-6.6923e-002	-3.2574e+001	4.2828e+001	0.0000e+000
	107	-4.8784e-001	-3.4143e-017	6.6923e-002	3.2574e+001	3.7828e+001	0.0000e+000
34	60	5.0794e+002	-7.0165e+000	5.4731e-001	4.0417e+001	-2.4155e+001	-2.2218e+003
	108	-5.0794e+002	7.0165e+000	-5.4731e-001	-4.0417e+001	-1.1856e+002	3.9225e+002
35	57	-1.3047e+000	-4.6735e-002	-7.1626e-002	1.5300e+001	8.5388e+001	-3.9244e+001
	107	1.3047e+000	4.6735e-002	7.1626e-002	-1.5300e+001	-6.6846e+001	2.7145e+001
36	60	2.5580e+000	3.8648e-017	-8.6561e-002	4.0551e+001	5.5767e+001	0.0000e+000
	57	-2.5580e+000	-3.8648e-017	8.6561e-002	-4.0551e+001	5.4245e+001	0.0000e+000
37	65	5.7384e-002	-8.8818e-015	-1.5509e-002	-7.6800e+000	-3.5409e+001	3.3537e+001
	60	-5.7384e-002	8.8818e-015	1.5509e-002	7.6800e+000	3.9383e+001	-3.3537e+001
38	66	-5.1040e-002	-3.3307e-016	3.0468e-002	-1.6883e+000	-3.4933e+001	-3.4364e+001
	57	5.1040e-002	3.3307e-016	-3.0468e-002	1.6883e+000	2.7236e+001	3.4364e+001
68	65	-2.7927e-002	3.0473e-018	-5.2474e-002	3.4405e+001	3.5409e+001	0.0000e+000
	66	2.7927e-002	-3.0473e-018	5.2474e-002	-3.4405e+001	3.4933e+001	0.0000e+000
6	53	1.1099e+000	-8.3000e-003	4.7463e-004	1.0128e-003	-1.3545e-001	-4.7370e+000
	105	-1.1099e+000	8.3000e-003	-4.7463e-004	-1.0128e-003	-1.3543e-001	8.5384e-015
7	106	-9.9252e+001	-1.2948e+000	-5.5692e+000	-3.7023e+000	2.8380e+002	6.8211e-012
	77	9.9252e+001	1.2948e+000	5.5692e+000	3.7023e+000	2.8391e+002	-1.3199e+002
39	89	1.8190e-012	4.2633e-014	3.4106e-013	9.0949e-013	-1.0914e-011	7.9581e-013
	91	-1.8190e-012	-4.2633e-014	-3.4106e-013	-9.0949e-013	1.0914e-011	1.3642e-011
40	88	0.0000e+000	2.8422e-013	3.9790e-013	-7.8444e-012	1.3642e-011	3.6522e-011
	90	0.0000e+000	-2.8422e-013	-3.9790e-013	7.8444e-012	-1.0004e-011	2.6375e-011
41	89	0.0000e+000	-1.3692e+000	-5.8287e-016	-4.3795e+002	7.1054e-015	-6.8498e+002
	88	0.0000e+000	1.3692e+000	5.8287e-016	4.3795e+002	-2.8422e-014	-5.4378e+002
42	83	2.1960e+001	-1.0418e+000	1.2079e+000	-6.7627e+002	-2.1474e+002	1.0636e+002
	89	-2.1960e+001	1.0418e+000	-1.2079e+000	6.7627e+002	-1.9020e+002	-4.5563e+002
43	84	-3.4539e+001	8.4473e-001	1.3176e+000	-6.2498e+002	-2.2843e+002	-3.9531e+001
	88	3.4539e+001	-8.4473e-001	-1.3176e+000	6.2498e+002	-2.0533e+002	3.1761e+002
44	87	1.8190e-012	8.5265e-014	-6.8212e-013	-1.6371e-011	-1.0914e-011	2.7285e-011
	69	-1.8190e-012	-8.5265e-014	6.8212e-013	1.6371e-011	-2.5466e-011	2.7285e-011
45	67	1.8190e-012	1.0232e-012	1.1369e-013	-1.8190e-011	-2.9104e-011	6.1846e-011
	86	-1.8190e-012	-1.0232e-012	-1.1369e-013	1.8190e-011	-2.9104e-011	-2.1828e-011
46	99	0.0000e+000	7.5305e-001	0.0000e+000	2.5258e+001	-4.4409e-015	5.6015e+002
	98	0.0000e+000	-7.5305e-001	0.0000e+000	-2.5258e+001	-5.3291e-015	5.5814e+002
47	98	0.0000e+000	0.0000e+000	-2.8422e-014	0.0000e+000	0.0000e+000	-1.6485e-012
	85	0.0000e+000	0.0000e+000	2.8422e-014	0.0000e+000	-9.0949e-013	9.0949e-013
48	104	0.0000e+000	1.4211e-014	-5.6843e-014	-1.1369e-013	0.0000e+000	-1.3074e-012

	99	0.0000e+000	-1.4211e-014	5.6843e-014	1.1369e-013	0.0000e+000	1.8190e-012
49	103	0.0000e+000	5.3291e-015	0.0000e+000	-5.6843e-014	0.0000e+000	-2.8422e-013
	100	0.0000e+000	-5.3291e-015	0.0000e+000	5.6843e-014	4.5475e-013	7.9581e-013
50	101	0.0000e+000	1.7764e-015	-2.8422e-014	-2.8422e-014	0.0000e+000	-9.9476e-014
	102	0.0000e+000	-1.7764e-015	2.8422e-014	2.8422e-014	-9.0949e-013	-5.6843e-014
51	100	0.0000e+000	4.7587e-002	1.3878e-017	3.2971e+001	0.0000e+000	7.3273e+001
	101	0.0000e+000	-4.7587e-002	-1.3878e-017	-3.2971e+001	4.4409e-015	-3.4728e+001
52	49	3.7863e+000	8.7608e-002	3.8082e-001	-3.5647e+001	-2.8224e+001	4.5244e+001
	101	-3.7863e+000	-8.7608e-002	-3.8082e-001	3.5647e+001	-2.5126e+001	-3.2971e+001
53	55	-4.2802e+000	-1.0186e-001	-1.0314e+000	8.1063e+001	7.7329e+001	-3.1479e+001
	100	4.2802e+000	1.0186e-001	1.0314e+000	-8.1063e+001	7.0441e+001	1.6886e+001
54	99	-1.6363e+000	-7.7598e-001	-3.4691e+000	-5.5466e+002	1.1476e+002	-9.2670e+001
	51	1.6363e+000	7.7598e-001	3.4691e+000	5.5466e+002	1.3361e+002	3.7113e+001
55	98	7.6829e-001	7.6411e-001	-3.3927e+000	-5.5975e+002	1.0903e+002	-2.5258e+001
	50	-7.6829e-001	-7.6411e-001	3.3927e+000	5.5975e+002	1.2848e+002	7.8750e+001
56	97	-5.6843e-014	-4.4355e+002	0.0000e+000	-1.6627e+004	5.6843e-014	-4.0796e+005
	96	5.6843e-014	1.6262e+003	0.0000e+000	1.6627e+004	1.1369e-013	0.0000e+000
57	95	1.1369e-013	1.6074e+003	-5.1070e-015	-1.9165e+004	7.3896e-013	0.0000e+000
	97	-1.1369e-013	-8.2362e+002	5.1070e-015	1.9165e+004	6.5370e-013	3.1757e+005
58	93	4.2633e-014	1.2672e+003	0.0000e+000	-9.0434e+004	-1.1369e-013	0.0000e+000
	97	-4.2633e-014	1.2672e+003	0.0000e+000	9.0434e+004	0.0000e+000	0.0000e+000
59	93	0.0000e+000	-1.3836e+003	-2.2204e-015	-9.4356e+003	-2.2737e-013	-5.2787e+005
	36	0.0000e+000	1.3836e+003	2.2204e-015	9.4356e+003	0.0000e+000	0.0000e+000
60	92	0.0000e+000	-1.1641e+002	-4.4409e-016	1.2975e+004	-1.7053e-013	-6.5990e+005
	93	0.0000e+000	1.1641e+002	4.4409e-016	-1.2975e+004	-4.5475e-013	6.1549e+005
61	96	0.0000e+000	-8.5399e+002	1.0658e-014	1.6293e+003	-4.5475e-013	-2.1322e+005
	39	0.0000e+000	3.7788e+003	-1.0658e-014	-1.6293e+003	-4.5475e-013	-4.6428e+005
62	36	2.8422e-014	7.7221e+002	0.0000e+000	-1.2096e+003	-2.2737e-013	2.2642e+005
	96	-2.8422e-014	-7.7221e+002	0.0000e+000	1.2096e+003	-4.5475e-013	2.2984e+005
63	95	-1.9895e-013	-6.6725e+001	0.0000e+000	-3.9888e+004	1.1369e-013	-1.1562e+006
	94	1.9895e-013	5.2681e+003	0.0000e+000	3.9888e+004	2.2737e-013	0.0000e+000
64	92	-1.9895e-013	3.7079e+003	-8.8818e-016	-4.4162e+004	2.2737e-013	0.0000e+000
	95	1.9895e-013	-1.5407e+003	8.8818e-016	4.4162e+004	2.2737e-013	1.1375e+006
65	94	5.6843e-014	-1.4109e+003	1.1102e-016	3.2160e+003	2.8422e-014	-8.2068e+005
	39	-5.6843e-014	1.4109e+003	-1.1102e-016	-3.2160e+003	0.0000e+000	0.0000e+000
66	38	1.7053e-013	3.8572e+003	3.5527e-015	3.7136e+003	-2.2737e-013	0.0000e+000
	94	-1.7053e-013	-3.8572e+003	-3.5527e-015	-3.7136e+003	-4.5475e-013	7.8079e+005
67	35	1.1369e-013	3.5915e+003	5.3291e-015	1.5335e+004	-1.2506e-012	0.0000e+000
	92	-1.1369e-013	-3.5915e+003	-5.3291e-015	-1.5335e+004	-1.3642e-012	7.0401e+005
69	77	7.1054e-014	8.4893e+000	-3.3307e-016	8.1310e+003	-6.8212e-013	3.5600e+003
	78	-7.1054e-014	-8.4893e+000	3.3307e-016	-8.1310e+003	-1.1369e-013	1.7377e+003
70	76	3.5527e-014	-1.2079e+001	3.8858e-016	-6.7782e+003	8.5265e-014	-4.7072e+003
	77	-3.5527e-014	1.2079e+001	-3.8858e-016	6.7782e+003	-3.4106e-013	-4.6423e+003
71	68	1.1369e-013	-3.5017e+000	-3.3307e-016	1.7290e+002	1.1369e-013	-1.6500e+003
	67	-1.1369e-013	3.5017e+000	3.3307e-016	-1.7290e+002	2.8422e-014	-2.0830e+003
72	69	0.0000e+000	5.0190e+000	-3.8858e-016	2.0894e+003	-4.5475e-013	1.8313e+003
	68	0.0000e+000	-5.0190e+000	3.8858e-016	-2.0894e+003	-8.5265e-014	2.0735e+003
73	81	2.2792e+002	-1.6156e+002	6.0841e-001	1.4478e+003	-1.0997e+002	-5.0856e+004
	83	-2.2792e+002	1.6156e+002	-6.0841e-001	-1.4478e+003	-2.1037e+002	-3.4211e+004
74	79	3.6083e+001	-2.5408e+001	1.7323e-001	-8.0036e+002	-9.3036e+001	-4.7218e+003
	81	-3.6083e+001	2.5408e+001	-1.7323e-001	8.0036e+002	-5.9951e+001	-1.7717e+004

75	76	-5.1543e+001	6.1138e+001	2.9742e-001	9.7968e+002	-8.9222e+001	2.6664e+004
	79	5.1543e+001	-6.1138e+001	-2.9742e-001	-9.7968e+002	-1.4641e+002	2.1773e+004
76	73	-3.5324e+001	1.9387e+001	1.2140e-001	-2.7669e+002	-5.4887e+001	-9.0130e+001
	76	3.5324e+001	-1.9387e+001	-1.2140e-001	2.7669e+002	-4.1285e+001	1.5448e+004
77	70	-1.8389e+001	5.7022e+000	7.4684e-002	4.2740e+002	-2.0342e+001	8.5983e+003
	73	1.8389e+001	-5.7022e+000	-7.4684e-002	-4.2740e+002	-4.4359e+001	-3.6583e+003
78	69	-9.8021e+001	1.4231e+002	6.2709e-002	-4.8340e+002	-2.7599e+001	3.3685e+004
	70	9.8021e+001	-1.4231e+002	-6.2709e-002	4.8340e+002	-4.8902e+000	4.0045e+004
79	74	9.5832e+001	-5.5587e+001	1.3238e-001	-2.6483e+002	-5.8767e+001	-3.5645e+003
	77	-9.5832e+001	5.5587e+001	-1.3238e-001	2.6483e+002	-4.5699e+001	-4.0303e+004
80	71	-2.5423e+001	4.3767e+001	1.5052e-001	1.6246e+002	-6.0711e+001	1.1997e+004
	74	2.5423e+001	-4.3767e+001	-1.5052e-001	-1.6246e+002	-6.9830e+001	2.5960e+004
81	68	-1.3174e+002	1.7424e+002	1.8206e-001	3.4478e+002	-3.8960e+001	5.5913e+004
	71	1.3174e+002	-1.7424e+002	-1.8206e-001	-3.4478e+002	-5.5187e+001	3.4193e+004
82	82	1.9943e+002	-1.3871e+002	8.0319e-001	5.3471e+002	-2.0616e+002	-4.2987e+004
	84	-1.9943e+002	1.3871e+002	-8.0319e-001	-5.3471e+002	-2.4122e+002	-3.4276e+004
83	80	3.6626e+001	-2.3329e+001	1.2628e-001	2.5678e+002	-5.0164e+001	-5.6086e+003
	82	-3.6626e+001	2.3329e+001	-1.2628e-001	-2.5678e+002	-6.0829e+001	-1.4896e+004
84	78	-5.1809e+001	4.9995e+001	1.4365e-001	3.2619e+000	-5.8227e+001	2.3137e+004
	80	5.1809e+001	-4.9995e+001	-1.4365e-001	-3.2619e+000	-5.8413e+001	1.7457e+004
85	75	-3.5685e+001	4.9570e+001	9.2258e-002	1.2041e+002	-3.4456e+001	1.7376e+004
	78	3.5685e+001	-4.9570e+001	-9.2258e-002	-1.2041e+002	-4.0247e+001	2.2762e+004
86	72	-4.0980e+001	-5.5502e+000	2.8884e-003	3.6511e+002	8.7824e+000	-7.0083e+003
	75	4.0980e+001	5.5502e+000	-2.8884e-003	-3.6511e+002	-1.1334e+001	2.1044e+003
87	67	-3.6982e+001	7.6563e+001	-4.0027e-001	9.9029e+002	1.2847e+002	3.5990e+004
	72	3.6982e+001	-7.6563e+001	4.0027e-001	-9.9029e+002	8.2812e+001	4.4237e+003
95	41	7.8087e+001	1.1518e+003	2.2305e+000	-1.4075e+002	6.4783e+001	4.3306e+005
	77	-7.8087e+001	-1.1518e+003	-2.2305e+000	1.4075e+002	-1.0105e+003	5.5320e+004
98	38	-1.0186e+002	4.3448e+002	-3.5731e+000	-1.3563e+002	1.2560e+003	1.6878e+005
	74	1.0186e+002	-4.3448e+002	3.5731e+000	1.3563e+002	3.1615e+002	2.2396e+004
101	35	-1.3242e+002	2.0182e+002	-1.4480e+000	-1.2973e+002	7.3803e+002	4.6648e+004
	71	1.3242e+002	-2.0182e+002	1.4480e+000	1.2973e+002	-7.1929e+001	4.6191e+004
104	32	1.6824e+002	6.0234e+002	6.6543e+000	-1.2697e+002	-2.0751e+003	2.2526e+005
	68	-1.6824e+002	-6.0234e+002	-6.6543e+000	1.2697e+002	-1.0524e+003	5.7840e+004
122	47	-5.6843e-014	-1.6059e+001	1.3878e-017	1.2348e+003	7.2831e-014	-5.9049e+003
	48	5.6843e-014	1.6059e+001	-1.3878e-017	-1.2348e+003	5.6843e-014	-9.4485e+003
123	41	7.8160e-014	3.8879e+001	1.6653e-016	-3.1987e+004	-2.8422e-014	8.1817e+003
	42	-7.8160e-014	-3.8879e+001	-1.6653e-016	3.1987e+004	-5.6843e-014	1.6081e+004
124	40	-2.1316e-014	-1.6025e+001	1.3878e-016	2.5985e+004	4.9738e-014	-5.5361e+003
	41	2.1316e-014	1.6025e+001	-1.3878e-016	-2.5985e+004	-1.4211e-014	-6.8679e+003
125	32	2.8422e-014	9.1860e+000	-4.1633e-017	-1.7829e+003	-1.4211e-014	2.4065e+003
	31	-2.8422e-014	-9.1860e+000	4.1633e-017	1.7829e+003	2.1316e-014	7.3864e+003
126	33	0.0000e+000	2.2155e+000	1.1102e-016	-2.4229e+003	-8.5265e-014	1.2163e+003
	32	0.0000e+000	-2.2155e+000	-1.1102e-016	2.4229e+003	-2.8422e-014	5.0731e+002
127	45	5.6843e-014	4.7841e+003	0.0000e+000	-4.6733e+003	-4.5475e-013	6.0176e+005
	47	-5.6843e-014	3.1105e+003	0.0000e+000	4.6733e+003	-9.0949e-013	-1.6135e+005
128	43	1.4211e-013	7.9233e+003	-2.2204e-016	2.8128e+003	-1.1369e-013	1.1835e+006
	45	-1.4211e-013	7.5296e+003	2.2204e-016	-2.8128e+003	0.0000e+000	-1.0097e+006
129	40	1.4211e-013	7.7150e+003	4.4409e-016	-6.1491e+002	-1.1369e-013	9.4658e+005
	43	-1.4211e-013	8.1255e+003	-4.4409e-016	6.1491e+002	0.0000e+000	-1.1092e+006
130	37	1.4211e-013	4.4813e+003	5.5511e-017	1.4991e+002	7.1054e-015	6.0792e+005

	40	-1.4211e-013	4.6270e+003	-5.5511e-017	-1.4991e+002	-5.6843e-014	-6.6564e+005
131	34	8.5265e-014	4.9165e+003	0.0000e+000	-6.2950e+002	-5.6843e-014	6.5904e+005
	37	-8.5265e-014	5.0436e+003	0.0000e+000	6.2950e+002	0.0000e+000	-7.1405e+005
132	33	0.0000e+000	2.4341e+003	0.0000e+000	1.2978e+003	4.5475e-013	1.3278e+005
	34	0.0000e+000	3.5229e+003	0.0000e+000	-1.2978e+003	0.0000e+000	-4.1478e+005
133	38	-5.8620e-014	9.0425e+003	-1.6653e-016	7.8581e+002	-9.2371e-014	1.1818e+006
	41	5.8620e-014	8.7101e+003	1.6653e-016	-7.8581e+002	-1.1369e-013	-1.0507e+006
134	35	-4.6185e-014	5.1214e+003	4.4409e-016	3.9962e+001	-3.4106e-013	7.2778e+005
	38	4.6185e-014	5.2829e+003	-4.4409e-016	-3.9962e+001	-2.2737e-013	-7.9779e+005
135	32	4.2633e-014	6.7372e+003	0.0000e+000	-1.0420e+003	0.0000e+000	5.1259e+005
	35	-4.2633e-014	7.2227e+003	0.0000e+000	1.0420e+003	0.0000e+000	-6.3810e+005
136	46	2.2737e-013	4.9202e+003	1.7764e-015	-1.0258e+003	-4.5475e-013	6.1556e+005
	48	-2.2737e-013	3.4318e+003	-1.7764e-015	1.0258e+003	-4.5475e-013	-2.0118e+005
137	44	0.0000e+000	7.8879e+003	0.0000e+000	1.1684e+002	1.1369e-013	1.1816e+006
	46	0.0000e+000	7.4914e+003	0.0000e+000	-1.1684e+002	0.0000e+000	-1.0074e+006
138	42	2.5580e-013	7.9583e+003	1.1102e-016	-4.3752e+002	-1.1369e-013	1.0119e+006
	44	-2.5580e-013	8.2765e+003	-1.1102e-016	4.3752e+002	-1.1369e-013	-1.1410e+006
139	39	-2.8422e-014	4.0581e+003	5.5511e-017	1.6522e+003	4.2633e-014	5.1338e+005
	42	2.8422e-014	4.4423e+003	-5.5511e-017	-1.6522e+003	-5.6843e-014	-6.6890e+005
140	31	0.0000e+000	3.8110e+003	-1.7764e-015	-1.2436e+003	0.0000e+000	2.5261e+005
	36	0.0000e+000	4.1053e+003	1.7764e-015	1.2436e+003	0.0000e+000	-3.3027e+005
141	54	-2.3863e-002	-5.6347e-001	-4.9772e-002	-1.5948e+001	1.8032e+001	-1.9404e+002
	55	2.3863e-002	5.6347e-001	4.9772e-002	1.5948e+001	1.9325e+001	-2.2888e+002
142	53	3.8394e-003	-3.5795e-001	3.1905e-002	-2.4534e+002	-2.2123e+001	-1.4202e+002
	54	-3.8394e-003	3.5795e-001	-3.1905e-002	2.4534e+002	-3.6063e+000	-1.4664e+002
143	52	4.0091e-003	-2.6554e-001	-2.8854e-002	4.6375e+002	2.9100e+001	-9.8409e+001
	53	-4.0091e-003	2.6554e-001	2.8854e-002	-4.6375e+002	-5.6898e+000	-1.1703e+002
144	51	8.2340e-003	-3.8012e-001	-1.9301e-001	2.8142e+001	7.9068e+001	-1.7847e+002
	52	-8.2340e-003	3.8012e-001	1.9301e-001	-2.8142e+001	7.6604e+001	-1.2812e+002
145	30	1.6962e-002	5.0342e-001	-1.8244e-002	1.1783e+002	1.1585e+001	1.6733e+002
	49	-1.6962e-002	-5.0342e-001	1.8244e-002	-1.1783e+002	1.8323e+000	2.0290e+002
146	56	-3.3721e-003	3.2255e-001	-8.2177e-002	1.2431e+002	3.7263e+001	1.2843e+002
	30	3.3721e-003	-3.2255e-001	8.2177e-002	-1.2431e+002	2.7690e+001	1.2651e+002
147	29	-2.8311e-004	3.0399e-001	-1.4431e-001	1.0005e+002	6.1222e+001	1.1805e+002
	56	2.8311e-004	-3.0399e-001	1.4431e-001	-1.0005e+002	5.3565e+001	1.2374e+002
148	50	-1.3274e-002	2.9810e-001	-2.0346e-001	-2.0341e+000	8.0329e+001	1.1919e+002
	29	1.3274e-002	-2.9810e-001	2.0346e-001	2.0341e+000	8.0511e+001	1.1647e+002
159	21	8.8431e+003	2.0275e+003	-5.3435e-001	-9.1948e+001	-6.9617e+002	2.5133e+005
	41	-8.8431e+003	-2.0275e+003	5.3435e-001	9.1948e+001	9.0991e+002	5.5967e+005
161	20	1.8081e+004	7.9674e+002	-7.6818e+000	-9.1948e+001	1.5266e+003	1.0716e+005
	38	-1.8081e+004	-7.9674e+002	7.6818e+000	9.1948e+001	1.5461e+003	2.1154e+005
164	19	1.5803e+004	1.2348e+002	-5.1582e+000	-9.1948e+001	9.2081e+002	2.1691e+004
	35	-1.5803e+004	-1.2348e+002	5.1582e+000	9.1948e+001	1.1425e+003	2.7703e+004
167	18	6.9124e+003	1.0718e+003	8.8627e+000	-9.1948e+001	-1.0889e+003	1.4206e+005
	32	-6.9124e+003	-1.0718e+003	-8.8627e+000	9.1948e+001	-2.4562e+003	2.8667e+005
88	48	1.4540e+002	-3.0444e+002	-1.6424e+002	-1.4824e+002	4.5442e+004	-8.3865e+004
	84	-1.4540e+002	3.0444e+002	1.6424e+002	1.4824e+002	1.6149e+004	-3.0299e+004
89	47	1.6662e+002	-2.3009e+002	-1.9815e+002	-1.4824e+002	5.1242e+004	-6.1034e+004
	83	-1.6662e+002	2.3009e+002	1.9815e+002	1.4824e+002	2.3064e+004	-2.5249e+004
90	46	-1.2008e+002	-5.1845e+002	-2.5074e+002	-1.4253e+002	7.2592e+004	-1.5008e+005
	82	1.2008e+002	5.1845e+002	2.5074e+002	1.4253e+002	2.5198e+004	-5.2112e+004

91	45	-1.4197e+002	-5.5460e+002	-3.8651e+002	-1.4253e+002	1.1008e+005	-1.6105e+005
	81	1.4197e+002	5.5460e+002	3.8651e+002	1.4253e+002	4.0653e+004	-5.5244e+004
92	44	-7.5145e+001	6.3802e+001	3.4418e+001	-1.3726e+002	-8.5359e+003	1.5293e+004
	80	7.5145e+001	-6.3802e+001	-3.4418e+001	1.3726e+002	-5.4033e+003	1.0547e+004
93	43	-8.8374e+001	1.2080e+002	6.6711e+001	-1.3726e+002	-1.8057e+004	3.4330e+004
	79	8.8374e+001	-1.2080e+002	-6.6711e+001	1.3726e+002	-8.9613e+003	1.4594e+004
94	42	-7.5607e+000	3.6944e+002	2.0088e+002	-1.3110e+002	-5.8990e+004	1.0987e+005
	78	7.5607e+000	-3.6944e+002	-2.0088e+002	1.3110e+002	-2.6181e+004	4.6776e+004
96	40	3.0182e+001	3.2988e+002	2.3013e+002	-1.3110e+002	-7.0681e+004	9.8886e+004
	76	-3.0182e+001	-3.2988e+002	-2.3013e+002	1.3110e+002	-2.6894e+004	4.0982e+004
97	39	5.4886e+001	1.1533e+002	4.9571e+001	-1.2634e+002	-1.3603e+004	3.3077e+004
	75	-5.4886e+001	-1.1533e+002	-4.9571e+001	1.2634e+002	-8.2085e+003	1.7670e+004
99	37	1.3971e+001	-8.0211e+001	-6.9158e+001	-1.2634e+002	2.7577e+004	-3.2758e+004
	73	-1.3971e+001	8.0211e+001	6.9158e+001	1.2634e+002	2.8530e+003	-2.5346e+003
100	36	-8.1871e+001	-9.0094e+001	-4.7891e+001	-1.2084e+002	2.0342e+004	-3.9389e+004
	72	8.1871e+001	9.0094e+001	4.7891e+001	1.2084e+002	1.6877e+003	-2.0544e+003
102	34	-1.3805e+002	2.7374e+002	2.1809e+002	-1.2084e+002	-7.0371e+004	8.7588e+004
	70	1.3805e+002	-2.7374e+002	-2.1809e+002	1.2084e+002	-2.9952e+004	3.8333e+004
103	33	1.4920e+002	1.5848e+002	1.2557e+002	-1.1827e+002	-3.9049e+004	4.9978e+004
	69	-1.4920e+002	-1.5848e+002	-1.2557e+002	1.1827e+002	-1.9969e+004	2.4506e+004
105	31	8.0752e+001	2.7845e+002	1.3730e+002	-1.1827e+002	-4.9500e+004	9.7504e+004
	67	-8.0752e+001	-2.7845e+002	-1.3730e+002	1.1827e+002	-1.5032e+004	3.3367e+004
106	60	9.3027e+003	-3.0909e+002	-1.6586e+002	-1.4777e+002	1.2279e+004	-3.1959e+004
	39	-9.3027e+003	3.0909e+002	1.6586e+002	1.4777e+002	-3.9855e+003	1.6505e+004
107	13	9.2957e+003	1.4818e+002	5.6188e+001	-7.6775e+001	-8.3313e+003	2.1998e+004
	60	-9.2957e+003	-1.4818e+002	-5.6188e+001	7.6775e+001	-1.1334e+004	2.9867e+004
108	61	1.2354e+004	1.4570e+003	7.6934e+002	-1.6430e+003	4.7284e+004	-8.9860e+004
	42	-1.2354e+004	-1.4570e+003	-7.6934e+002	1.6430e+003	-8.5751e+004	1.6271e+005
109	14	1.2356e+004	4.0138e+002	2.0876e+002	1.3683e+002	-2.8590e+004	5.6360e+004
	61	-1.2356e+004	-4.0138e+002	-2.0876e+002	-1.3683e+002	-4.4475e+004	8.4122e+004
110	62	1.6089e+004	3.3092e+002	1.5571e+002	6.2045e+002	2.8179e+003	-3.9782e+003
	44	-1.6089e+004	-3.3092e+002	-1.5571e+002	-6.2045e+002	-1.0604e+004	2.0524e+004
111	15	1.6103e+004	3.6539e+001	1.7193e+001	-1.8652e+002	-2.5671e+003	7.5614e+003
	62	-1.6103e+004	-3.6539e+001	-1.7193e+001	1.8652e+002	-3.4503e+003	5.2271e+003
112	63	1.2292e+004	-1.4601e+003	-7.3321e+002	9.0446e+002	-6.2229e+004	1.2919e+005
	46	-1.2292e+004	1.4601e+003	7.3321e+002	-9.0446e+002	9.8889e+004	-2.0219e+005
113	16	1.2283e+004	-5.6328e+002	-2.7791e+002	-2.2709e+002	3.7303e+004	-7.2611e+004
	63	-1.2283e+004	5.6328e+002	2.7791e+002	2.2709e+002	5.9966e+004	-1.2454e+005
114	64	6.0995e-001	-5.7288e+000	1.4270e+001	-1.0366e+003	-7.3911e+002	-3.9189e+001
	55	-6.0995e-001	5.7288e+000	-1.4270e+001	1.0366e+003	-4.5739e+001	-2.7590e+002
115	10	7.9143e-001	-9.6020e-001	-4.0056e+000	8.0432e+001	6.3997e+002	-2.7838e+002
	64	-7.9143e-001	9.6020e-001	4.0056e+000	-8.0432e+001	7.6199e+002	-5.7691e+001
116	59	-2.0446e-001	-3.0386e+000	1.7451e+000	5.8162e+002	1.7685e+001	1.3635e+002
	54	2.0446e-001	3.0386e+000	-1.7451e+000	-5.8162e+002	-1.5729e+002	-3.7943e+002
117	9	-3.2301e-001	-1.8375e+000	7.3216e-001	-2.1540e+002	-2.4491e+002	-4.4183e+002
	59	3.2301e-001	1.8375e+000	-7.3216e-001	2.1540e+002	-1.1344e+001	-2.0128e+002
118	57	1.1464e-001	-1.2391e+000	4.4584e+000	-1.8180e+002	-1.9402e+002	1.4756e+002
	52	-1.1464e-001	1.2391e+000	-4.4584e+000	1.8180e+002	-3.8558e+002	-3.0865e+002
119	7	6.7905e-002	-1.8008e+000	1.8510e+000	-1.4933e+001	-8.1669e+002	-5.1407e+002
	57	-6.7905e-002	1.8008e+000	-1.8510e+000	1.4933e+001	1.6883e+002	-1.1620e+002
120	58	-9.2366e-002	5.3460e+000	-3.0167e+001	6.3278e+002	2.4160e+003	6.7393e+002

	53	9.2366e-002	-5.3460e+000	3.0167e+001	-6.3278e+002	7.5150e+002	-1.1260e+002
121	8	-1.0857e-001	-4.0870e+000	1.3483e+001	-2.7229e+002	-2.3113e+003	-8.1082e+002
	58	1.0857e-001	4.0870e+000	-1.3483e+001	2.7229e+002	-2.4077e+003	-6.1963e+002
149	1	-4.5467e-001	8.6475e-001	3.5308e+000	-5.6701e+001	-1.2347e+003	2.4222e+002
	50	4.5467e-001	-8.6475e-001	-3.5308e+000	5.6701e+001	-5.6244e+002	1.9794e+002
150	5	-5.5014e-001	1.4777e+000	-9.6351e-001	-7.1262e+001	2.3589e+002	3.5034e+002
	49	5.5014e-001	-1.4777e+000	9.6351e-001	7.1262e+001	1.5433e+002	2.4815e+002
151	4	1.8007e-001	1.4918e+000	4.6603e-001	-6.7119e+001	-2.0561e+002	3.4763e+002
	30	-1.8007e-001	-1.4918e+000	-4.6603e-001	6.7119e+001	5.2207e+000	2.9383e+002
152	2	5.4629e-003	1.0684e+000	1.9406e+000	-6.0127e+001	-8.2459e+002	2.7833e+002
	29	-5.4629e-003	-1.0684e+000	-1.9406e+000	6.0127e+001	-1.0691e+002	2.3451e+002
153	3	1.8646e-002	1.2253e+000	1.2345e+000	-6.3431e+001	-5.3458e+002	3.0535e+002
	56	-1.8646e-002	-1.2253e+000	-1.2345e+000	6.3431e+001	-2.7110e+001	2.5218e+002
154	6	3.7288e-001	-1.4676e+000	3.4847e+000	-5.6701e+001	-1.2269e+003	-4.8562e+002
	51	-3.7288e-001	1.4676e+000	-3.4847e+000	5.6701e+001	-5.4682e+002	-2.6137e+002
155	17	3.5932e+003	-3.2858e+002	-1.8461e+002	-8.5649e+001	2.4927e+004	-4.0904e+004
	48	-3.5932e+003	3.2858e+002	1.8461e+002	8.5649e+001	4.8919e+004	-9.0527e+004
156	28	3.2611e+003	-2.3406e+002	-1.9610e+002	-8.5649e+001	2.6711e+004	-2.8632e+004
	47	-3.2611e+003	2.3406e+002	1.9610e+002	8.5649e+001	5.1731e+004	-6.4992e+004
157	27	1.2172e+004	-6.5620e+002	-4.4702e+002	-8.5649e+001	5.9988e+004	-8.5061e+004
	45	-1.2172e+004	6.5620e+002	4.4702e+002	8.5649e+001	1.1882e+005	-1.7742e+005
158	26	1.5960e+004	1.3200e+002	6.0330e+001	-8.5649e+001	-7.9669e+003	1.9804e+004
	43	-1.5960e+004	-1.3200e+002	-6.0330e+001	8.5649e+001	-1.6165e+004	3.2994e+004
160	25	1.2356e+004	4.1160e+002	2.9623e+002	-8.5649e+001	-3.9693e+004	5.6876e+004
	40	-1.2356e+004	-4.1160e+002	-2.9623e+002	8.5649e+001	-7.8797e+004	1.0776e+005
162	24	9.5388e+003	-1.7668e+002	-1.4949e+002	-8.5649e+001	1.9463e+004	-2.1770e+004
	37	-9.5388e+003	1.7668e+002	1.4949e+002	8.5649e+001	4.0335e+004	-4.8903e+004
163	12	6.1792e+003	-2.2110e+002	-1.1388e+002	-8.5649e+001	1.3957e+004	-2.7321e+004
	36	-6.1792e+003	2.2110e+002	1.1388e+002	8.5649e+001	3.1597e+004	-6.1120e+004
165	23	8.3014e+003	3.9024e+002	3.1472e+002	-8.5649e+001	-4.2730e+004	5.3590e+004
	34	-8.3014e+003	-3.9024e+002	-3.1472e+002	8.5649e+001	-8.3158e+004	1.0251e+005
166	22	2.5855e+003	2.1839e+002	1.6812e+002	-8.5649e+001	-2.3363e+004	3.0542e+004
	33	-2.5855e+003	-2.1839e+002	-1.6812e+002	8.5649e+001	-4.3883e+004	5.6815e+004
168	11	3.8826e+003	4.7453e+002	2.4627e+002	-8.5649e+001	-3.4271e+004	6.5330e+004
	31	-3.8826e+003	-4.7453e+002	-2.4627e+002	8.5649e+001	-6.4239e+004	1.2448e+005

SFORZI "Acc_150" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	-2.6919e+001	1.4320e+003	7.0661e-001	1.3849e+003	-2.9012e+002	0.0000e+000
	124	2.6919e+001	1.4320e+003	-7.0661e-001	-1.3849e+003	-2.4954e+002	0.0000e+000
2	125	-3.3541e+002	-6.2069e+002	-1.7811e+001	-1.3408e+003	7.1118e+002	-2.0509e+005
	122	3.3541e+002	6.2069e+002	1.7811e+001	1.3408e+003	4.0527e+003	3.9077e+004
3	121	-3.4115e+002	8.1131e+002	5.7174e+000	6.7724e+002	-1.0696e+003	5.0959e+003
	125	3.4115e+002	-8.1131e+002	-5.7174e+000	-6.7724e+002	-4.2106e+002	2.0644e+005
4	124	-8.6424e+002	-8.4473e+002	1.3041e+001	1.3520e+001	-1.0582e+003	-1.6645e+005
	120	8.6424e+002	8.4473e+002	-1.3041e+001	-1.3520e+001	-2.2027e+003	-4.4770e+004
5	119	-8.6520e+002	5.8727e+002	-1.2498e+001	-2.3679e+002	1.8420e+003	-1.7070e+004
	124	8.6520e+002	-5.8727e+002	1.2498e+001	2.3679e+002	1.3077e+003	1.6507e+005
8	122	8.3079e+001	1.3095e+003	-1.6082e-002	-2.6231e+003	1.6619e+002	0.0000e+000
	120	-8.3079e+001	1.3095e+003	1.6082e-002	2.6231e+003	-1.5496e+002	0.0000e+000

9	121	4.5441e+001	1.5563e+003	6.2634e-001	1.8174e+003	-3.1820e+002	0.0000e+000
	119	-4.5441e+001	1.5563e+003	-6.2634e-001	-1.8174e+003	-2.0168e+002	0.0000e+000
10	122	-3.5469e+002	-1.9302e+003	5.8669e+001	-2.2581e+002	-4.2189e+003	-4.1641e+004
	63	3.5469e+002	1.9302e+003	-5.8669e+001	2.2581e+002	-7.1157e+003	-3.3127e+005
11	62	-3.2976e+002	2.3676e+003	-3.4823e+001	1.1573e+003	4.0948e+003	3.7608e+005
	121	3.2976e+002	-2.3676e+003	3.4823e+001	-1.1573e+003	1.3878e+003	-3.3225e+003
12	120	-8.6613e+002	-2.1543e+003	-7.0017e+001	7.2475e+001	2.3576e+003	4.7392e+004
	64	8.6613e+002	2.1543e+003	7.0017e+001	-7.2475e+001	4.6454e+003	-2.6286e+005
13	59	-8.6555e+002	2.1436e+003	2.9235e+001	-1.5502e+002	-2.6886e+003	3.0214e+005
	119	8.6555e+002	-2.1436e+003	-2.9235e+001	1.5502e+002	-1.6404e+003	1.5254e+004
14	118	6.6937e+001	1.6680e+003	3.1013e-001	1.2160e+002	-6.7258e+001	0.0000e+000
	117	-6.6937e+001	1.6680e+003	-3.1013e-001	-1.2160e+002	-2.0864e+002	0.0000e+000
15	118	1.0938e+002	-2.9752e+003	5.4199e+001	2.8268e+003	-1.5216e+003	1.0571e+005
	62	-1.0938e+002	2.9752e+003	-5.4199e+001	-2.8268e+003	-3.8387e+003	-3.9995e+005
16	116	1.2471e+002	-1.3072e+003	-7.6327e+000	-1.6368e+001	3.0573e+002	-2.1883e+005
	118	-1.2471e+002	1.3072e+003	7.6327e+000	1.6368e+001	1.5888e+003	-1.0563e+005
17	117	9.9559e+001	-2.9421e+003	-5.9519e+001	6.0409e+002	1.8078e+003	1.0066e+005
	59	-9.9559e+001	2.9421e+003	5.9519e+001	-6.0409e+002	4.0287e+003	-3.8916e+005
18	115	9.9228e+001	-1.2740e+003	7.2419e+000	7.8333e+002	-2.2733e+002	-2.2055e+005
	117	-9.9228e+001	1.2740e+003	-7.2419e+000	-7.8333e+002	-1.5992e+003	-1.0078e+005
19	116	-8.3016e+000	1.7838e+003	2.4013e-001	-1.6540e+002	-1.2368e+002	0.0000e+000
	115	8.3016e+000	1.7838e+003	-2.4013e-001	1.6540e+002	-1.0477e+002	0.0000e+000
20	114	2.8156e+000	1.9107e+003	2.5509e-001	-2.0017e+002	-1.2840e+002	0.0000e+000
	113	-2.8156e+000	1.9107e+003	-2.5509e-001	2.0017e+002	-1.3155e+002	0.0000e+000
21	114	1.2299e+002	4.7659e+002	5.4925e-001	4.5745e+001	3.8354e+001	-9.3984e+004
	116	-1.2299e+002	-4.7659e+002	-5.4925e-001	-4.5745e+001	-1.8206e+002	2.1867e+005
22	113	9.8859e+001	5.0973e+002	-2.0513e+000	-1.4415e+003	1.9048e+002	-9.0853e+004
	115	-9.8859e+001	-5.0973e+002	2.0513e+000	1.4415e+003	3.3210e+002	2.2071e+005
23	61	1.2391e+002	2.3873e+003	-1.6141e+000	3.8708e+002	2.3767e+002	3.9092e+005
	114	-1.2391e+002	-2.3873e+003	1.6141e+000	-3.8708e+002	9.0049e+001	9.3789e+004
24	58	9.8665e+001	2.4204e+003	1.4382e+000	-8.2929e+002	-2.3017e+002	3.9549e+005
	113	-9.8665e+001	-2.4204e+003	-1.4382e+000	8.2929e+002	-5.8931e+001	9.1061e+004
25	112	-1.5573e+001	2.0268e+003	1.1954e-001	3.4073e+002	-6.5690e+001	0.0000e+000
	111	1.5573e+001	2.0268e+003	-1.1954e-001	-3.4073e+002	-6.3526e+001	0.0000e+000
26	112	1.1428e+002	-4.0168e+003	-1.5574e+001	1.1614e+004	5.5300e+002	2.7378e+005
	61	-1.1428e+002	4.0168e+003	1.5574e+001	-1.1614e+004	1.7913e+002	-4.6261e+005
27	110	1.1135e+002	-1.9900e+003	4.0591e+000	1.0605e+003	-5.4744e+002	-2.3359e+005
	112	-1.1135e+002	1.9900e+003	-4.0591e+000	-1.0605e+003	-4.8731e+002	-2.7369e+005
28	111	7.5031e+002	-4.0065e+003	1.7555e+001	2.5591e+003	5.9278e+002	2.6493e+005
	58	-7.5031e+002	4.0065e+003	-1.7555e+001	-2.5591e+003	-1.4535e+003	-4.6137e+005
29	109	7.4990e+002	-1.9796e+003	4.1766e+000	1.7908e+003	-5.2090e+002	-2.3248e+005
	111	-7.4990e+002	1.9796e+003	-4.1766e+000	-1.7908e+003	-5.2926e+002	-2.6528e+005
30	110	6.7583e+000	2.1436e+003	7.5827e-002	1.6141e+002	-4.6669e+001	0.0000e+000
	109	-6.7583e+000	2.1436e+003	-7.5827e-002	-1.6141e+002	-4.0021e+001	0.0000e+000
31	108	1.1292e+002	1.5364e+002	-3.7665e+000	-1.5101e+003	3.3589e+002	-1.9581e+005
	110	-1.1292e+002	-1.5364e+002	3.7665e+000	1.5101e+003	5.9411e+002	2.3375e+005
32	107	7.5003e+002	1.6397e+002	-1.3468e+000	-2.0107e+003	-2.2204e+002	-1.9106e+005
	109	-7.5003e+002	-1.6397e+002	1.3468e+000	2.0107e+003	5.6092e+002	2.3231e+005
33	108	-4.2502e+000	2.2598e+003	1.9023e-001	-1.6224e+002	-1.0110e+002	0.0000e+000
	107	4.2502e+000	2.2598e+003	-1.9023e-001	1.6224e+002	-1.2817e+002	0.0000e+000
34	60	1.1222e+002	2.4134e+003	9.3475e-001	-6.6542e+002	-8.9460e+000	4.3366e+005

	108	-1.1222e+002	-2.4134e+003	-9.3475e-001	6.6542e+002	-2.3480e+002	1.9566e+005
35	57	7.4966e+002	2.4237e+003	-3.7663e+000	-1.5539e+003	6.2481e+002	4.3622e+005
	107	-7.4966e+002	-2.4237e+003	3.7663e+000	1.5539e+003	3.5020e+002	1.9122e+005
36	60	-1.6566e+002	2.3830e+003	8.1388e-002	1.1202e+002	-3.7602e+001	0.0000e+000
	57	1.6566e+002	2.3830e+003	-8.1388e-002	-1.1202e+002	-6.5835e+001	0.0000e+000
37	65	6.5087e-001	-2.5135e+003	-3.0544e+000	-5.2887e+000	6.8812e+001	2.3095e+001
	60	-6.5087e-001	2.5135e+003	3.0544e+000	5.2887e+000	7.1388e+002	-6.4411e+005
38	66	2.0052e-001	-2.5135e+003	3.1165e+000	-1.1626e+000	-5.3334e+000	-2.3664e+001
	57	-2.0052e-001	2.5135e+003	-3.1165e+000	1.1626e+000	-7.8190e+002	-6.3488e+005
68	65	-3.1226e+000	2.5135e+003	4.7354e-002	2.3693e+001	-6.8812e+001	0.0000e+000
	66	3.1226e+000	2.5135e+003	-4.7354e-002	-2.3693e+001	5.3334e+000	0.0000e+000
6	53	2.0215e+000	-1.5117e-002	-1.5800e-001	-3.3715e-001	4.5090e+001	-8.6279e+000
	105	-2.0215e+000	1.5117e-002	1.5800e-001	3.3715e-001	4.5085e+001	-4.5460e-013
7	106	2.4390e+002	3.1817e+000	1.5777e+001	1.0488e+001	-8.0399e+002	-1.8193e-012
	77	-2.4390e+002	-3.1817e+000	-1.5777e+001	-1.0488e+001	-8.0430e+002	3.2434e+002
39	89	1.4552e-011	-1.8190e-012	0.0000e+000	2.9104e-011	-2.9104e-011	1.3388e-009
	91	-1.4552e-011	1.8190e-012	0.0000e+000	-2.9104e-011	-2.9104e-011	1.6298e-009
40	88	-1.4552e-011	-7.2760e-012	4.5475e-013	2.9104e-010	7.2760e-012	-1.1569e-009
	90	1.4552e-011	7.2760e-012	-4.5475e-013	-2.9104e-010	1.0914e-011	1.1642e-010
41	89	-9.0949e-013	6.2735e+000	-6.6613e-016	2.8831e+003	4.5475e-013	-1.6952e+003
	88	9.0949e-013	-6.2735e+000	6.6613e-016	-2.8831e+003	5.6843e-013	7.3252e+003
42	83	-3.5588e+003	2.6354e+003	3.2811e+000	-1.7776e+003	-5.8223e+002	4.3116e+005
	89	3.5188e+003	4.6213e+001	-3.2811e+000	1.7776e+003	-5.1771e+002	2.8380e+003
43	84	-3.2509e+003	2.5782e+003	1.0333e+001	7.7326e+003	-1.5579e+003	4.1662e+005
	88	3.2109e+003	5.5050e+001	-1.0333e+001	-7.7326e+003	-1.8437e+003	-1.3256e+003
44	87	0.0000e+000	0.0000e+000	0.0000e+000	7.2760e-012	-4.3656e-011	3.6380e-012
	69	0.0000e+000	0.0000e+000	0.0000e+000	-7.2760e-012	-2.9104e-011	1.4552e-011
45	67	7.2760e-012	0.0000e+000	9.0949e-013	2.9104e-011	0.0000e+000	-2.5466e-011
	86	-7.2760e-012	0.0000e+000	-9.0949e-013	-2.9104e-011	0.0000e+000	-2.9104e-011
46	99	0.0000e+000	-1.7420e+001	-8.3267e-017	2.0538e+002	7.1054e-015	-1.7975e+004
	98	0.0000e+000	1.7420e+001	8.3267e-017	-2.0538e+002	5.6843e-014	-7.8942e+003
47	98	0.0000e+000	-1.0516e-012	0.0000e+000	1.1642e-010	1.4552e-011	-2.3579e-010
	85	0.0000e+000	1.0516e-012	0.0000e+000	-1.1642e-010	2.9104e-011	2.0009e-010
48	104	0.0000e+000	-6.8212e-012	1.8190e-012	-5.8208e-011	-5.8208e-011	-2.1828e-011
	99	0.0000e+000	6.8212e-012	-1.8190e-012	5.8208e-011	5.8208e-011	-1.1642e-010
49	103	0.0000e+000	-2.7285e-012	4.5475e-013	2.9104e-011	-5.8208e-011	-2.1191e-010
	100	0.0000e+000	2.7285e-012	-4.5475e-013	-2.9104e-011	-4.3656e-011	-3.4925e-010
50	101	0.0000e+000	-2.1032e-012	0.0000e+000	-1.4552e-011	1.4552e-011	-2.6171e-010
	102	0.0000e+000	2.1032e-012	0.0000e+000	1.4552e-011	2.9104e-011	-2.9104e-011
51	100	0.0000e+000	4.0710e+001	-9.9920e-016	-2.6532e+003	-2.2737e-013	1.8834e+004
	101	0.0000e+000	-4.0710e+001	9.9920e-016	2.6532e+003	9.9476e-014	1.4141e+004
52	49	3.1011e+003	1.1914e+003	-3.6818e+001	1.4220e+004	3.1968e+003	8.5806e+004
	101	-3.1411e+003	-7.1446e+001	3.6818e+001	-1.4220e+004	1.9610e+003	2.6532e+003
53	55	3.9214e+003	1.3245e+003	8.2849e+000	1.7824e+004	1.6385e+002	1.1425e+005
	100	-3.9614e+003	-1.7907e+002	-8.2849e+000	-1.7824e+004	-1.3508e+003	-6.5406e+003
54	99	-3.2700e+003	-2.8256e+001	-1.6739e+001	1.7522e+004	8.9701e+002	3.9670e+003
	51	3.2580e+003	8.8733e+002	1.6739e+001	-1.7522e+004	3.0142e+002	-3.6743e+004
55	98	-3.2414e+003	-6.3727e+001	-5.6396e+000	7.8903e+003	3.3455e+002	-2.0538e+002
	50	3.2294e+003	9.0373e+002	5.6396e+000	-7.8903e+003	6.0261e+001	-3.3659e+004
56	97	-2.2737e-013	1.7056e+000	1.7764e-015	-7.3627e+002	-1.3642e-012	6.7239e+002
	96	2.2737e-013	-1.7056e+000	-1.7764e-015	7.3627e+002	-6.8212e-013	0.0000e+000

57	95	9.0949e-013	1.7056e+000	-2.6645e-014	-7.0488e+002	-9.0949e-013	0.0000e+000
	97	-9.0949e-013	-1.7056e+000	2.6645e-014	7.0488e+002	-5.6843e-013	4.4562e+002
58	93	3.4106e-013	3.0084e-015	0.0000e+000	1.1184e+003	-4.5475e-013	0.0000e+000
	97	-3.4106e-013	-3.0084e-015	0.0000e+000	-1.1184e+003	-4.5475e-013	0.0000e+000
59	93	0.0000e+000	-1.4534e+000	1.7764e-015	-4.2266e+002	0.0000e+000	-5.5450e+002
	36	0.0000e+000	1.4534e+000	-1.7764e-015	4.2266e+002	9.0949e-013	0.0000e+000
60	92	0.0000e+000	-1.4534e+000	1.7764e-015	-6.9982e+002	-6.8212e-013	-2.5438e+001
	93	0.0000e+000	1.4534e+000	-1.7764e-015	6.9982e+002	0.0000e+000	-5.2906e+002
61	96	4.5475e-013	5.0634e+001	0.0000e+000	1.5966e+002	-1.8190e-012	-8.9982e+003
	39	-4.5475e-013	-5.0634e+001	0.0000e+000	-1.5966e+002	0.0000e+000	2.3808e+004
62	36	-2.2737e-013	4.8929e+001	0.0000e+000	4.0308e+001	-1.8190e-012	1.9174e+004
	96	2.2737e-013	-4.8929e+001	0.0000e+000	-4.0308e+001	-9.0949e-013	9.7357e+003
63	95	1.7053e-013	-1.6455e+000	1.7764e-015	4.5816e+002	4.5475e-013	-7.1322e+002
	94	-1.7053e-013	1.6455e+000	-1.7764e-015	-4.5816e+002	0.0000e+000	0.0000e+000
64	92	1.7053e-013	6.0172e-002	-3.5527e-015	3.0099e+002	0.0000e+000	0.0000e+000
	95	-1.7053e-013	-6.0172e-002	3.5527e-015	-3.0099e+002	4.5475e-013	2.6081e+001
65	94	-1.1369e-013	1.5785e-001	0.0000e+000	1.9331e+003	4.5475e-013	9.1814e+001
	39	1.1369e-013	-1.5785e-001	0.0000e+000	-1.9331e+003	1.1369e-013	0.0000e+000
66	38	0.0000e+000	1.8033e+000	1.7764e-014	1.9337e+003	-9.0949e-013	0.0000e+000
	94	0.0000e+000	-1.8033e+000	-1.7764e-014	-1.9337e+003	-1.1369e-012	3.6504e+002
67	35	0.0000e+000	-1.3932e+000	-3.5527e-015	-7.0003e+002	0.0000e+000	0.0000e+000
	92	0.0000e+000	1.3932e+000	3.5527e-015	7.0003e+002	6.8212e-013	-2.7310e+002
69	77	-8.5265e-014	4.5309e+001	-4.4409e-016	-2.7150e+004	-2.2737e-013	1.1541e+004
	78	8.5265e-014	-4.5309e+001	4.4409e-016	2.7150e+004	-4.5475e-013	1.6734e+004
70	76	-3.6948e-013	-2.2687e+001	4.4409e-016	1.9416e+004	-5.6843e-014	-7.5468e+003
	77	3.6948e-013	2.2687e+001	-4.4409e-016	-1.9416e+004	1.1369e-013	-1.0014e+004
71	68	0.0000e+000	6.8503e+000	-4.4409e-016	-3.1382e+002	2.2737e-013	2.0657e+003
	67	0.0000e+000	-6.8503e+000	4.4409e-016	3.1382e+002	3.4106e-013	5.2372e+003
72	69	0.0000e+000	5.1477e+000	-4.4409e-016	-1.6925e+003	-1.1369e-013	2.2301e+003
	68	0.0000e+000	-5.1477e+000	4.4409e-016	1.6925e+003	-1.1369e-013	1.7749e+003
73	81	2.8947e+001	2.4562e+003	3.9601e+000	-5.6417e+003	-1.2382e+003	3.3183e+005
	83	-1.6395e+002	2.2806e+003	-3.9601e+000	5.6417e+003	-8.4691e+002	-2.8559e+005
74	79	-2.8007e+001	4.5730e+003	5.4146e-001	2.9428e+003	-1.7827e+002	6.7749e+005
	81	-1.2199e+002	4.2572e+003	-5.4146e-001	-2.9428e+003	-2.9992e+002	-5.3805e+005
75	76	-1.6245e+002	4.1749e+003	5.9867e-002	5.2353e+002	-8.4340e+000	4.9671e+005
	79	-4.6553e+001	4.5373e+003	-5.9867e-002	-5.2353e+002	-3.8996e+001	-6.4026e+005
76	73	-8.2286e+001	2.7363e+003	-5.6262e-002	5.7362e+001	2.3695e+001	3.7868e+005
	76	-2.9714e+001	2.8078e+003	5.6262e-002	-5.7362e+001	2.0875e+001	-4.0701e+005
77	70	-8.3280e+001	2.9695e+003	5.8490e-002	-4.9542e+002	-3.9255e+001	3.8211e+005
	73	-5.6720e+001	3.0932e+003	-5.8490e-002	4.9542e+002	-1.1416e+001	-4.3571e+005
78	69	-1.8462e+002	1.3312e+003	3.0977e-001	1.2176e+003	-5.1646e+001	4.5216e+004
	70	1.1462e+002	2.2948e+003	-3.0977e-001	-1.2176e+003	-1.0885e+002	-2.9482e+005
79	74	3.9174e+001	4.5890e+003	2.3241e-001	1.6198e+003	-5.1738e+001	6.4723e+005
	77	-2.1517e+002	4.0900e+003	-2.3241e-001	-1.6198e+003	-1.3167e+002	-4.5032e+005
80	71	-1.2981e+002	5.1244e+003	-1.0736e-001	2.8771e+002	5.4631e+001	6.9278e+005
	74	-1.1019e+002	5.2799e+003	1.0736e-001	-2.8771e+002	3.8481e+001	-7.6019e+005
81	68	-2.6795e+002	3.1037e+003	-1.7303e-001	-1.0508e+003	2.0012e+001	1.8511e+005
	71	1.2795e+002	4.1348e+003	1.7303e-001	1.0508e+003	6.9469e+001	-4.5172e+005
82	82	6.4690e+001	2.6012e+003	4.3070e+000	2.7257e+003	-1.1102e+003	3.4076e+005
	84	-1.9969e+002	2.4100e+003	-4.3070e+000	-2.7257e+003	-1.2888e+003	-2.8750e+005
83	80	-1.9187e-001	4.5534e+003	7.0338e-001	1.0759e+003	-2.8677e+002	6.7955e+005

	82	-1.4981e+002	4.2348e+003	-7.0338e-001	-1.0759e+003	-3.3146e+002	-5.3950e+005
84	78	-1.5699e+002	4.2868e+003	1.0592e+000	-8.2630e+002	-4.5356e+002	5.1504e+005
	80	-5.2012e+001	4.6424e+003	-1.0592e+000	8.2630e+002	-4.0650e+002	-6.5940e+005
85	75	-6.5919e+001	2.3833e+003	7.1146e-001	2.1293e+003	-2.3684e+002	3.4537e+005
	78	-3.0081e+001	2.4741e+003	-7.1146e-001	-2.1293e+003	-3.3925e+002	-3.8215e+005
86	72	-1.3486e+002	3.0864e+003	1.9839e-001	7.8638e+002	-6.5978e+001	4.2375e+005
	75	-5.1372e+000	3.0969e+003	-1.9839e-001	-7.8638e+002	-1.0931e+002	-4.2838e+005
87	67	-1.9512e+002	1.8776e+003	2.3065e-001	-4.2624e+002	-7.0701e+001	7.8128e+004
	72	1.0512e+002	2.8722e+003	-2.3065e-001	4.2624e+002	-5.1048e+001	-3.4064e+005
95	41	4.1615e+003	1.2861e+003	9.9552e-002	-5.4514e+002	-4.9683e+002	1.4178e+005
	77	-4.1615e+003	-1.2861e+003	-9.9552e-002	5.4514e+002	4.5462e+002	4.0353e+005
98	38	9.8683e+003	-3.8126e+002	-5.4841e+000	-5.2532e+002	4.1093e+002	-5.4805e+004
	74	-9.8683e+003	3.8126e+002	5.4841e+000	5.2532e+002	2.0021e+003	-1.1295e+005
101	35	9.2576e+003	6.8215e+002	-2.3569e-001	-5.0248e+002	-1.6315e+002	7.2731e+004
	71	-9.2576e+003	-6.8215e+002	2.3569e-001	5.0248e+002	2.7157e+002	2.4106e+005
104	32	3.1100e+003	5.0047e+002	1.3655e+001	-4.9178e+002	-2.6676e+003	5.1493e+004
	68	-3.1100e+003	-5.0047e+002	-1.3655e+001	4.9178e+002	-3.7500e+003	1.8373e+005
122	47	0.0000e+000	-2.2786e+001	0.0000e+000	-5.2330e+002	2.1316e-014	-1.0902e+004
	48	0.0000e+000	2.2786e+001	0.0000e+000	5.2330e+002	2.8422e-014	-1.0882e+004
123	41	-5.6843e-014	9.6737e+000	1.3323e-015	5.0864e+003	1.1369e-013	4.1050e+003
	42	5.6843e-014	-9.6737e+000	-1.3323e-015	-5.0864e+003	1.7053e-013	1.9318e+003
124	40	2.8422e-014	-1.8244e+001	-6.6613e-016	-2.8059e+003	-1.7053e-013	-7.2311e+003
	41	-2.8422e-014	1.8244e+001	6.6613e-016	2.8059e+003	-2.8422e-013	-6.8902e+003
125	32	2.2737e-013	2.5105e+000	-2.2204e-016	3.9417e+001	5.6843e-014	1.1671e+003
	31	-2.2737e-013	-2.5105e+000	2.2204e-016	-3.9417e+001	2.8422e-014	1.5092e+003
126	33	0.0000e+000	8.2528e+000	5.5511e-016	9.1858e+002	5.6843e-014	3.3715e+003
	32	0.0000e+000	-8.2528e+000	-5.5511e-016	-9.1858e+002	-1.1369e-013	3.0493e+003
127	45	-2.2737e-013	-1.5256e+001	-7.1054e-015	9.3942e+002	-3.6380e-012	-2.2125e+004
	47	2.2737e-013	1.5256e+001	7.1054e-015	-9.3942e+002	-3.6380e-012	1.4096e+004
128	43	1.1369e-013	-2.9754e+001	0.0000e+000	4.0129e+002	-1.3642e-012	-6.3630e+003
	45	-1.1369e-013	2.9754e+001	0.0000e+000	-4.0129e+002	0.0000e+000	-1.9910e+004
129	40	3.4106e-013	3.3238e+001	8.8818e-016	1.4313e+003	-4.5475e-013	1.3421e+004
	43	-3.4106e-013	-3.3238e+001	-8.8818e-016	-1.4313e+003	2.2737e-013	1.2905e+004
130	37	3.4106e-013	3.2016e+000	-6.6613e-016	4.8083e+002	3.6948e-013	-2.6355e+003
	40	-3.4106e-013	-3.2016e+000	6.6613e-016	-4.8083e+002	4.5475e-013	5.1712e+003
131	34	-1.1369e-013	2.2396e+000	0.0000e+000	1.0144e+003	-4.5475e-013	4.6787e+003
	37	1.1369e-013	-2.2396e+000	0.0000e+000	-1.0144e+003	0.0000e+000	-2.7390e+003
132	33	-4.5475e-013	9.0170e+001	-7.1054e-015	2.5183e+002	3.6380e-012	2.1556e+004
	34	4.5475e-013	-9.0170e+001	7.1054e-015	-2.5183e+002	3.6380e-012	2.5153e+004
133	38	7.1054e-014	-5.1300e+001	-8.8818e-016	2.8688e+002	-8.5265e-014	-1.5851e+004
	41	-7.1054e-014	5.1300e+001	8.8818e-016	-2.8688e+002	0.0000e+000	-2.4625e+004
134	35	1.9895e-013	2.1702e+001	1.7764e-015	7.6256e+002	-9.0949e-013	1.2919e+004
	38	-1.9895e-013	-2.1702e+001	-1.7764e-015	-7.6256e+002	-9.0949e-013	5.8970e+003
135	32	-5.6843e-014	1.6620e+002	0.0000e+000	3.4959e+002	1.8190e-012	4.2249e+004
	35	5.6843e-014	-1.6620e+002	0.0000e+000	-3.4959e+002	0.0000e+000	4.3680e+004
136	46	-2.2737e-013	1.1373e+002	1.4211e-014	-7.5445e+002	-3.6380e-012	3.0568e+004
	48	2.2737e-013	-1.1373e+002	-1.4211e-014	7.5445e+002	-1.8190e-012	3.2757e+004
137	44	-1.1369e-013	3.2318e+001	0.0000e+000	3.4763e+002	0.0000e+000	1.2647e+004
	46	1.1369e-013	-3.2318e+001	0.0000e+000	-3.4763e+002	0.0000e+000	1.5754e+004
138	42	1.1369e-013	6.1598e+001	4.4409e-016	1.2419e+003	-2.2737e-013	2.7548e+004
	44	-1.1369e-013	-6.1598e+001	-4.4409e-016	-1.2419e+003	-7.9581e-013	2.2454e+004

139	39	5.6843e-013	6.9553e+001	4.4409e-016	1.9946e+003	-3.4106e-013	2.7051e+004
	42	-5.6843e-013	-6.9553e+001	-4.4409e-016	-1.9946e+003	-2.2737e-013	2.9257e+004
140	31	-4.5475e-013	1.1594e+002	-7.1054e-015	6.2992e+002	0.0000e+000	3.2577e+004
	36	4.5475e-013	-1.1594e+002	7.1054e-015	-6.2992e+002	0.0000e+000	2.8610e+004
141	54	3.4234e+001	3.4310e+003	-1.2339e+000	8.7143e+002	4.9838e+002	5.0477e+005
	55	-2.3423e+002	2.5702e+003	1.2339e+000	-8.7143e+002	4.2771e+002	-1.8174e+005
142	53	-6.6912e+001	3.7714e+003	-5.6864e-001	-2.3904e+003	1.3907e+002	5.4280e+005
	54	-1.5809e+002	3.4829e+003	5.6864e-001	2.3904e+003	3.1949e+002	-4.2649e+005
143	52	-6.1090e+001	4.2502e+003	8.6368e-001	-2.8392e+003	-4.5686e+002	6.3803e+005
	53	-1.8891e+002	3.8592e+003	-8.6368e-001	2.8392e+003	-2.4387e+002	-4.7945e+005
144	51	-4.1341e+002	4.4626e+003	1.0388e+000	2.8419e+003	-2.9454e+002	4.0579e+005
	52	6.5411e+001	5.2099e+003	-1.0388e+000	-2.8419e+003	-5.4334e+002	-7.0718e+005
145	30	-2.0962e+001	3.2572e+003	-2.6939e+000	-3.0638e+001	9.8930e+002	4.4883e+005
	49	-1.7904e+002	2.6228e+003	2.6939e+000	3.0638e+001	9.9184e+002	-2.1552e+005
146	56	-8.9085e+001	3.6233e+003	-1.6519e+000	-1.7846e+003	5.8411e+002	4.9296e+005
	30	-1.3592e+002	3.4867e+003	1.6519e+000	1.7846e+003	7.2153e+002	-4.3896e+005
147	29	-7.3332e+001	4.1511e+003	-6.4767e-001	-1.6458e+003	1.9460e+002	6.1447e+005
	56	-1.7667e+002	3.7989e+003	6.4767e-001	1.6458e+003	3.2055e+002	-4.7437e+005
148	50	-2.7545e+002	4.3618e+003	-1.4378e-001	-2.0260e+002	4.7782e+001	3.8049e+005
	29	-7.2550e+001	5.1182e+003	1.4378e-001	2.0260e+002	6.5880e+001	-6.7944e+005
159	21	4.2407e+003	-4.5171e+002	1.8107e+001	-4.6587e+002	-4.6050e+003	-7.1412e+004
	41	-4.2407e+003	4.5171e+002	-1.8107e+001	4.6587e+002	-2.6377e+003	-1.0927e+005
161	20	9.7971e+003	2.0873e+002	-3.7575e+000	-4.6587e+002	1.4384e+003	4.0569e+004
	38	-9.7971e+003	-2.0873e+002	3.7575e+000	4.6587e+002	6.4549e+001	4.2921e+004
164	19	9.1117e+003	-5.0452e+000	3.8432e+000	-4.6587e+002	-9.5726e+002	1.3414e+004
	35	-9.1117e+003	5.0452e+000	-3.8432e+000	4.6587e+002	-5.8003e+002	-1.5432e+004
167	18	3.2705e+003	2.0767e+001	1.2662e+001	-4.6587e+002	-2.9496e+003	1.6676e+004
	32	-3.2705e+003	-2.0767e+001	-1.2662e+001	4.6587e+002	-2.1150e+003	-8.3695e+003
88	48	5.0417e+003	4.0822e+002	2.1158e+002	-5.7414e+002	-1.6617e+004	4.0067e+004
	84	-5.0417e+003	-4.0822e+002	-2.1158e+002	5.7414e+002	-6.2724e+004	1.1302e+005
89	47	4.9725e+003	4.1662e+002	2.6727e+002	-5.7414e+002	-1.9100e+004	3.5159e+004
	83	-4.9725e+003	-4.1662e+002	-2.6727e+002	5.7414e+002	-8.1127e+004	1.2107e+005
90	46	6.8352e+003	-7.3026e+002	-3.4730e+002	-5.5206e+002	5.0484e+004	-1.0511e+005
	82	-6.8352e+003	7.3026e+002	3.4730e+002	5.5206e+002	8.4963e+004	-1.7969e+005
91	45	6.7130e+003	-6.0945e+002	-4.2626e+002	-5.5206e+002	4.7613e+004	-6.8872e+004
	81	-6.7130e+003	6.0945e+002	4.2626e+002	5.5206e+002	1.1863e+005	-1.6881e+005
92	44	9.1951e+003	3.9823e+001	3.4577e+001	-5.3161e+002	-2.9805e+003	-9.1630e+002
	80	-9.1951e+003	-3.9823e+001	-3.4577e+001	5.3161e+002	-1.1023e+004	1.7045e+004
93	43	9.1099e+003	9.8890e+001	4.8872e+001	-5.3161e+002	-3.0665e+003	6.0172e+003
	79	-9.1099e+003	-9.8890e+001	-4.8872e+001	5.3161e+002	-1.6726e+004	3.4033e+004
94	42	6.7182e+003	2.7065e+002	1.7131e+002	-5.0779e+002	-1.8540e+004	2.6603e+004
	78	-6.7182e+003	-2.7065e+002	-1.7131e+002	5.0779e+002	-5.4094e+004	8.8154e+004
96	40	6.9628e+003	1.9031e+002	1.1299e+002	-5.0779e+002	-1.0963e+004	2.0474e+004
	76	-6.9628e+003	-1.9031e+002	-1.1299e+002	5.0779e+002	-3.6943e+004	6.0218e+004
97	39	5.4803e+003	-2.7943e+002	-1.4804e+002	-4.8933e+002	2.8946e+004	-4.8258e+004
	75	-5.4803e+003	2.7943e+002	1.4804e+002	4.8933e+002	3.6191e+004	-7.4693e+004
99	37	5.8311e+003	-1.4467e+002	-1.1927e+002	-4.8933e+002	1.5782e+004	-1.9926e+004
	73	-5.8311e+003	1.4467e+002	1.1927e+002	4.8933e+002	3.6696e+004	-4.3730e+004
100	36	5.9584e+003	2.3465e+002	1.1313e+002	-4.6805e+002	-1.4711e+004	3.3678e+004
	72	-5.9584e+003	-2.3465e+002	-1.1313e+002	4.6805e+002	-3.7328e+004	7.4261e+004
102	34	5.2627e+003	1.9962e+002	1.6652e+002	-4.6805e+002	-2.0576e+004	2.4777e+004

	70	-5.2627e+003	-1.9962e+002	-1.6652e+002	4.6805e+002	-5.6022e+004	6.7048e+004
103	33	1.3397e+003	1.0112e+002	8.9880e+001	-4.5809e+002	-1.1410e+004	1.2028e+004
	69	-1.3397e+003	-1.0112e+002	-8.9880e+001	4.5809e+002	-3.0834e+004	3.5499e+004
105	31	1.8741e+003	1.9784e+002	1.0754e+002	-4.5809e+002	-1.2921e+004	2.5924e+004
	67	-1.8741e+003	-1.9784e+002	-1.0754e+002	4.5809e+002	-3.7624e+004	6.7062e+004
106	60	5.4991e+003	-4.1904e+002	-6.7436e+001	-1.0179e+003	5.7433e+004	-1.1567e+005
	39	-5.4991e+003	4.1904e+002	6.7436e+001	1.0179e+003	-5.4061e+004	9.4715e+004
107	13	1.2809e+004	-2.7753e+002	-1.8363e+002	-3.5054e+002	1.9951e+004	-2.8197e+004
	60	-1.2809e+004	2.7753e+002	1.8363e+002	3.5054e+002	4.4319e+004	-6.8937e+004
108	61	6.7006e+003	-1.3243e+002	-4.2377e+001	-7.9866e+002	1.2223e+004	-3.4351e+004
	42	-6.7006e+003	1.3243e+002	4.2377e+001	7.9866e+002	-1.0104e+004	2.7730e+004
109	14	1.3105e+004	-1.2031e+002	-4.6439e+001	-3.8186e+002	4.5096e+003	-8.2505e+003
	61	-1.3105e+004	1.2031e+002	4.6439e+001	3.8186e+002	1.1744e+004	-3.3859e+004
110	62	9.1658e+003	4.1589e+002	1.1126e+002	-6.5804e+002	6.0128e+003	-1.2075e+004
	44	-9.1658e+003	-4.1589e+002	-1.1126e+002	6.5804e+002	-1.1576e+004	3.2869e+004
111	15	1.4509e+004	-1.8570e+001	4.2197e+000	-4.0195e+002	-3.6758e+002	5.5235e+003
	62	-1.4509e+004	1.8570e+001	-4.2197e+000	4.0195e+002	-1.1093e+003	-1.2023e+004
112	63	6.9166e+003	-7.4916e+002	-4.6049e+002	5.7923e+003	9.2871e+004	-1.8466e+005
	46	-6.9166e+003	7.4916e+002	4.6049e+002	-5.7923e+003	-6.9847e+004	1.4721e+005
113	16	8.8469e+003	-4.5766e+002	-2.5007e+002	-1.3234e+003	3.3134e+004	-4.8104e+004
	63	-8.8469e+003	4.5766e+002	2.5007e+002	1.3234e+003	5.4390e+004	-1.1208e+005
114	64	3.7634e+003	-1.8111e+003	-2.1547e+002	-2.9988e+003	1.6032e+004	-2.9691e+004
	55	-3.7634e+003	1.8111e+003	2.1547e+002	2.9988e+003	-4.1812e+003	-6.9920e+004
115	10	5.9177e+003	-9.4847e+002	-1.1088e+002	1.6466e+003	2.2072e+003	-1.0412e+005
	64	-5.9177e+003	9.4847e+002	1.1088e+002	-1.6466e+003	3.6601e+004	-2.2785e+005
116	59	6.9141e+003	7.1264e+002	2.3401e+002	-1.3410e+002	7.7439e+002	-1.8905e+004
	54	-6.9141e+003	-7.1264e+002	-2.3401e+002	1.3410e+002	-1.9495e+004	7.5916e+004
117	9	1.2000e+004	-2.1436e+002	-4.8554e+001	1.2060e+003	-1.1300e+003	-8.9803e+003
	59	-1.2000e+004	2.1436e+002	4.8554e+001	-1.2060e+003	1.8124e+004	-6.6045e+004
118	57	9.4542e+003	-1.1430e+003	-3.6106e+002	1.0196e+003	2.6848e+004	-8.2100e+004
	52	-9.4542e+003	1.1430e+003	3.6106e+002	-1.0196e+003	2.0090e+004	-6.6487e+004
119	7	1.6774e+004	-4.4814e+002	-4.8594e+001	7.9668e+002	5.9716e+003	-4.4052e+004
	57	-1.6774e+004	4.4814e+002	4.8594e+001	-7.9668e+002	1.1036e+004	-1.1280e+005
120	58	7.6349e+003	4.8428e+002	7.4600e+001	2.1993e+003	5.7471e+003	-1.1045e+004
	53	-7.6349e+003	-4.8428e+002	-7.4600e+001	-2.1993e+003	-1.3580e+004	6.1895e+004
121	8	1.4062e+004	-1.5686e+002	-4.3021e+001	5.1560e+002	2.0849e+003	-2.5444e+003
	58	-1.4062e+004	1.5686e+002	4.3021e+001	-5.1560e+002	1.2972e+004	-5.2357e+004
149	1	5.2265e+003	1.0504e+003	-3.1290e+001	8.0822e+002	7.8372e+003	1.8785e+005
	50	-5.2265e+003	-1.0504e+003	3.1290e+001	-8.0822e+002	8.0893e+003	3.4683e+005
150	5	3.7073e+003	-4.2413e+002	9.7095e+001	1.0158e+003	-2.4934e+004	-4.2061e+004
	49	-3.7073e+003	4.2413e+002	-9.7095e+001	-1.0158e+003	-1.4389e+004	-1.2971e+005
151	4	6.7453e+003	8.1434e+001	3.1339e+001	9.5671e+002	-1.1666e+004	2.5153e+004
	30	-6.7453e+003	-8.1434e+001	-3.1339e+001	-9.5671e+002	-1.8095e+003	9.8638e+003
152	2	9.2688e+003	-1.6920e+002	-4.4257e+000	8.5705e+002	6.9036e+002	-1.6254e+004
	29	-9.2688e+003	1.6920e+002	4.4257e+000	-8.5705e+002	1.4340e+003	-6.4964e+004
153	3	7.4269e+003	1.0099e+002	1.0265e+001	9.0414e+002	-4.7806e+003	2.7356e+004
	56	-7.4269e+003	-1.0099e+002	-1.0265e+001	-9.0414e+002	1.1013e+002	1.8593e+004
154	6	5.3163e+003	1.1176e+003	1.6494e+002	8.0822e+002	-2.5456e+004	2.0398e+005
	51	-5.3163e+003	-1.1176e+003	-1.6494e+002	-8.0822e+002	-5.8496e+004	3.6489e+005
155	17	4.9508e+003	1.5369e+001	-5.1119e+001	-4.3396e+002	9.9539e+003	1.0945e+004
	48	-4.9508e+003	-1.5369e+001	5.1119e+001	4.3396e+002	1.0494e+004	-4.7977e+003

156	28	4.9650e+003	-3.5009e+001	-8.9089e+001	-4.3396e+002	1.6293e+004	2.5560e+003
	47	-4.9650e+003	3.5009e+001	8.9089e+001	4.3396e+002	1.9343e+004	-1.6559e+004
157	27	6.7275e+003	1.5665e+002	7.0497e+001	-4.3396e+002	-5.8876e+003	2.7385e+004
	45	-6.7275e+003	-1.5665e+002	-7.0497e+001	4.3396e+002	-2.2311e+004	3.5276e+004
158	26	9.0469e+003	1.9136e+001	-6.7289e+000	-4.3396e+002	2.8470e+003	7.8939e+003
	43	-9.0469e+003	-1.9136e+001	6.7289e+000	4.3396e+002	-1.5544e+002	-2.3967e+002
160	25	6.9746e+003	1.7419e+001	-1.3292e+001	-4.3396e+002	2.3359e+003	6.6089e+003
	40	-6.9746e+003	-1.7419e+001	1.3292e+001	4.3396e+002	2.9811e+003	3.5873e+002
162	24	5.8321e+003	7.2086e+001	4.8417e+001	-4.3396e+002	-7.2782e+003	1.2842e+004
	37	-5.8321e+003	-7.2086e+001	-4.8417e+001	4.3396e+002	-1.2088e+004	1.5993e+004
163	12	5.8928e+003	5.4008e+001	3.7152e+001	-4.3396e+002	-9.6158e+003	1.2313e+004
	36	-5.8928e+003	-5.4008e+001	-3.7152e+001	4.3396e+002	-5.2448e+003	9.2906e+003
165	23	5.1748e+003	2.5057e+000	1.0126e+000	-4.3396e+002	-2.4649e+003	2.3981e+003
	34	-5.1748e+003	-2.5057e+000	-1.0126e+000	4.3396e+002	2.0599e+003	-1.3958e+003
166	22	1.4381e+003	1.3889e+001	2.6501e+001	-4.3396e+002	-6.7765e+003	3.2338e+003
	33	-1.4381e+003	-1.3889e+001	-2.6501e+001	4.3396e+002	-3.8239e+003	2.3220e+003
168	11	1.9875e+003	2.5643e+001	3.2891e+001	-4.3396e+002	-1.0093e+004	8.0245e+003
	31	-1.9875e+003	-2.5643e+001	-3.2891e+001	4.3396e+002	-3.0634e+003	2.2328e+003

SFORZI "Perma g2" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	-1.7631e+001	5.7280e+002	-6.1667e-002	5.4961e+002	3.5319e+000	0.0000e+000
	124	1.7631e+001	5.7280e+002	6.1667e-002	-5.4961e+002	4.3565e+001	0.0000e+000
2	125	-1.1295e+003	-2.4098e+002	-6.8357e+000	-5.3768e+002	1.0460e+001	-8.3162e+004
	122	1.1295e+003	2.4098e+002	6.8357e+000	5.3768e+002	1.8178e+003	1.8709e+004
3	121	-1.1338e+003	3.3182e+002	9.9691e-001	2.7768e+002	-2.4593e+002	2.8203e+003
	125	1.1338e+003	-3.3182e+002	-9.9691e-001	-2.7768e+002	-1.3992e+001	8.3696e+004
4	124	-9.8146e+002	-3.2680e+002	9.4307e+000	5.2668e+001	-8.2328e+002	-6.7770e+004
	120	9.8146e+002	3.2680e+002	-9.4307e+000	-5.2668e+001	-1.5349e+003	-1.3946e+004
5	119	-9.8156e+002	2.4600e+002	-6.6425e+000	-4.9386e+001	8.9426e+002	-5.2253e+003
	124	9.8156e+002	-2.4600e+002	6.6425e+000	4.9386e+001	7.7971e+002	6.7220e+004
8	122	5.1691e+001	5.2381e+002	-4.7397e-001	-1.0299e+003	2.4606e+002	0.0000e+000
	120	-5.1691e+001	5.2381e+002	4.7397e-001	1.0299e+003	8.4968e+001	0.0000e+000
9	121	2.5508e+001	6.2251e+002	-4.8046e-002	7.4313e+002	-1.0123e+001	0.0000e+000
	119	-2.5508e+001	6.2251e+002	4.8046e-002	-7.4313e+002	5.0002e+001	0.0000e+000
10	122	-1.1410e+003	-7.6479e+002	2.9133e+001	-5.7049e+001	-2.0639e+003	-1.9715e+004
	63	1.1410e+003	7.6479e+002	-2.9133e+001	5.7049e+001	-3.5645e+003	-1.2804e+005
11	62	-1.1277e+003	9.5434e+002	-1.2260e+001	4.8149e+002	1.6742e+003	1.5235e+005
	121	1.1277e+003	-9.5434e+002	1.2260e+001	-4.8149e+002	2.5606e+002	-2.0951e+003
12	120	-9.8310e+002	-8.5061e+002	-4.2236e+001	7.5814e+001	1.4499e+003	1.4976e+004
	64	9.8310e+002	8.5061e+002	4.2236e+001	-7.5814e+001	2.7746e+003	-1.0005e+005
13	59	-9.8136e+002	8.6851e+002	1.4657e+001	-2.3474e+001	-1.2260e+003	1.2412e+005
	119	9.8136e+002	-8.6851e+002	-1.4657e+001	2.3474e+001	-9.4427e+002	4.4823e+003
14	118	2.1164e+001	6.6721e+002	-2.7431e-001	5.5798e+001	1.5035e+002	0.0000e+000
	117	-2.1164e+001	6.6721e+002	2.7431e-001	-5.5798e+001	9.3675e+001	0.0000e+000
15	118	-5.3524e+002	-1.1947e+003	3.2313e+001	1.1387e+003	-8.9481e+002	4.2951e+004
	62	5.3524e+002	1.1947e+003	-3.2313e+001	-1.1387e+003	-2.3009e+003	-1.6110e+005
16	116	-5.3096e+002	-5.2746e+002	-2.8174e+000	-1.4996e+001	-4.5148e+001	-8.8010e+004
	118	5.3096e+002	5.2746e+002	2.8174e+000	1.4996e+001	7.4446e+002	-4.2912e+004
17	117	-2.1746e+001	-1.1740e+003	-1.7713e+001	2.7649e+002	5.6429e+002	3.9265e+004

	59	2.1746e+001	1.1740e+003	1.7713e+001	-2.7649e+002	1.1727e+003	-1.5439e+005
18	115	-2.1476e+001	-5.0679e+002	3.4890e+000	3.4642e+002	-2.2200e+002	-8.8498e+004
	117	2.1476e+001	5.0679e+002	-3.4890e+000	-3.4642e+002	-6.5797e+002	-3.9320e+004
19	116	-3.3139e+000	7.1351e+002	-1.9851e-001	-9.3250e+001	8.6134e+001	0.0000e+000
	115	3.3139e+000	7.1351e+002	1.9851e-001	9.3250e+001	1.0271e+002	0.0000e+000
20	114	-2.7938e+000	7.6427e+002	-2.0756e-001	-4.8141e+001	1.0973e+002	0.0000e+000
	113	2.7938e+000	7.6427e+002	2.0756e-001	4.8141e+001	1.0177e+002	0.0000e+000
21	114	-5.3193e+002	1.8606e+002	1.1108e-001	3.6848e+000	1.1924e+001	-3.9241e+004
	116	5.3193e+002	-1.8606e+002	-1.1108e-001	-3.6848e+000	-4.0986e+001	8.7919e+004
22	113	-2.1320e+001	2.0672e+002	3.8750e-001	-5.4695e+002	-2.1801e+002	-3.5927e+004
	115	2.1320e+001	-2.0672e+002	-3.8750e-001	5.4695e+002	1.1929e+002	8.8590e+004
23	61	-5.3280e+002	9.5033e+002	5.7103e-001	1.5468e+002	5.7186e+000	1.5376e+005
	114	5.3280e+002	-9.5033e+002	-5.7103e-001	-1.5468e+002	-1.2166e+002	3.9194e+004
24	58	-2.1163e+001	9.7099e+002	-2.5539e+000	-3.0434e+002	3.9715e+002	1.5921e+005
	113	2.1163e+001	-9.7099e+002	2.5539e+000	3.0434e+002	1.1624e+002	3.5978e+004
25	112	-2.4582e+001	8.1073e+002	-3.2086e-001	2.5921e+002	1.5998e+002	0.0000e+000
	111	2.4582e+001	8.1073e+002	3.2086e-001	-2.5921e+002	1.8686e+002	0.0000e+000
26	112	5.6350e+002	-1.6129e+003	-3.8871e+001	4.7775e+003	8.1092e+002	1.1242e+005
	61	-5.6350e+002	1.6129e+003	3.8871e+001	-4.7775e+003	1.0164e+003	-1.8824e+005
27	110	5.5865e+002	-8.0213e+002	6.8795e+000	4.7119e+002	-7.8284e+002	-9.2214e+004
	112	-5.5865e+002	8.0213e+002	-6.8795e+000	-4.7119e+002	-9.7090e+002	-1.1227e+005
28	111	6.3961e+002	-1.6019e+003	2.7033e+001	1.0720e+003	1.8239e+002	1.0550e+005
	58	-6.3961e+002	1.6019e+003	-2.7033e+001	-1.0720e+003	-1.5078e+003	-1.8404e+005
29	109	6.3947e+002	-7.9121e+002	4.3165e+000	7.6800e+002	-7.1608e+002	-9.3178e+004
	111	-6.3947e+002	7.9121e+002	-4.3165e+000	-7.6800e+002	-3.6925e+002	-1.0576e+005
30	110	3.6429e+000	8.5745e+002	-2.4530e-001	6.0401e+001	1.4535e+002	0.0000e+000
	109	-3.6429e+000	8.5745e+002	2.4530e-001	-6.0401e+001	1.3509e+002	0.0000e+000
31	108	5.5923e+002	5.5312e+001	-2.9618e+000	-5.4430e+002	9.3808e+001	-7.8615e+004
	110	-5.5923e+002	-5.5312e+001	2.9618e+000	5.4430e+002	6.3748e+002	9.2272e+004
32	107	6.3983e+002	6.6236e+001	-2.5233e+000	-7.5581e+002	5.3924e+001	-7.6452e+004
	109	-6.3983e+002	-6.6236e+001	2.5233e+000	7.5581e+002	5.8099e+002	9.3118e+004
33	108	1.3900e-002	9.0391e+002	-5.3410e-002	-9.6193e+001	3.6851e+001	0.0000e+000
	107	-1.3900e-002	9.0391e+002	5.3410e-002	9.6193e+001	2.7520e+001	0.0000e+000
34	60	5.5919e+002	9.5922e+002	-4.7637e-001	-2.1173e+002	2.5488e+002	1.7160e+005
	108	-5.5919e+002	-9.5922e+002	4.7637e-001	2.1173e+002	-1.3066e+002	7.8523e+004
35	57	6.3988e+002	9.7015e+002	-9.5962e-001	-5.7430e+002	3.2986e+002	1.7460e+005
	107	-6.3988e+002	-9.7015e+002	9.5962e-001	5.7430e+002	-8.1443e+001	7.6549e+004
36	60	-1.1689e+001	9.5319e+002	-2.0102e-001	7.5816e+001	1.3235e+002	0.0000e+000
	57	1.1689e+001	9.5319e+002	2.0102e-001	-7.5816e+001	1.2313e+002	0.0000e+000
37	65	2.3193e-001	-1.0054e+003	-4.6596e-001	-7.9943e+000	-7.7839e+001	3.4910e+001
	60	-2.3193e-001	1.0054e+003	4.6596e-001	7.9943e+000	1.9724e+002	-2.5767e+005
38	66	-9.7087e-002	-1.0054e+003	5.1136e-001	-1.7574e+000	-8.5787e+001	-3.5770e+001
	57	9.7087e-002	1.0054e+003	-5.1136e-001	1.7574e+000	-4.3383e+001	-2.5393e+005
68	65	-5.0598e-001	1.0054e+003	-1.2206e-001	3.5813e+001	7.7839e+001	0.0000e+000
	66	5.0598e-001	1.0054e+003	1.2206e-001	-3.5813e+001	8.5787e+001	0.0000e+000
6	53	-8.1708e-001	6.1103e-003	-1.6522e-001	-3.5256e-001	4.7151e+001	3.4873e+000
	105	8.1708e-001	-6.1103e-003	1.6522e-001	3.5256e-001	4.7145e+001	-4.5474e-013
7	106	3.3353e+002	4.3510e+000	2.1109e+001	1.4033e+001	-1.0757e+003	-3.6382e-012
	77	-3.3353e+002	-4.3510e+000	-2.1109e+001	-1.4033e+001	-1.0761e+003	4.4354e+002
39	89	7.2760e-012	-4.3656e-011	-4.5475e-013	1.1642e-010	0.0000e+000	-2.1537e-009
	91	-7.2760e-012	4.3656e-011	4.5475e-013	-1.1642e-010	0.0000e+000	-3.4925e-009

40	88	0.0000e+000	-2.5466e-011	5.6843e-013	-3.4925e-010	7.2760e-012	1.9354e-009
	90	0.0000e+000	2.5466e-011	-5.6843e-013	3.4925e-010	1.0914e-011	1.3970e-009
41	89	4.5475e-013	1.9582e+001	-7.7716e-016	4.3185e+003	4.2633e-013	1.3161e+003
	88	-4.5475e-013	-1.9582e+001	7.7716e-016	-4.3185e+003	4.5475e-013	1.6257e+004
42	83	-5.8788e+003	4.2905e+003	3.6726e+000	1.1940e+003	-5.9393e+002	7.0357e+005
	89	5.8138e+003	6.7136e+001	-3.6726e+000	-1.1940e+003	-6.3727e+002	4.3513e+003
43	84	-5.4667e+003	4.1773e+003	1.5595e+001	1.6755e+004	-2.2571e+003	6.7174e+005
	88	5.4017e+003	1.0164e+002	-1.5595e+001	-1.6755e+004	-2.8765e+003	-9.0562e+002
44	87	0.0000e+000	9.0949e-013	0.0000e+000	7.2760e-012	-5.8208e-011	1.8190e-011
	69	0.0000e+000	-9.0949e-013	0.0000e+000	-7.2760e-012	-5.8208e-011	2.9104e-011
45	67	7.2760e-012	2.2737e-012	4.5475e-013	1.4552e-011	-1.4552e-011	1.5280e-010
	86	-7.2760e-012	-2.2737e-012	-4.5475e-013	-1.4552e-011	-1.4552e-011	2.9104e-011
46	99	1.4211e-014	-2.0013e+001	4.9440e-017	7.3287e+002	-1.2879e-014	-2.2181e+004
	98	-1.4211e-014	2.0013e+001	-4.9440e-017	-7.3287e+002	-3.5527e-014	-7.5377e+003
47	98	-6.8212e-013	-1.1369e-011	1.7053e-013	0.0000e+000	1.2733e-011	-6.9303e-010
	85	6.8212e-013	1.1369e-011	-1.7053e-013	0.0000e+000	-3.6380e-012	4.3656e-011
48	104	-6.8212e-013	-9.0949e-012	-4.2633e-013	0.0000e+000	-1.8190e-012	-1.8190e-011
	99	6.8212e-013	9.0949e-012	4.2633e-013	0.0000e+000	1.0914e-011	-4.6566e-010
49	103	4.5475e-013	-4.0927e-012	4.1211e-013	5.8208e-011	4.5475e-013	5.1841e-011
	100	-4.5475e-013	4.0927e-012	-4.1211e-013	-5.8208e-011	1.2278e-011	-3.4925e-010
50	101	4.5475e-013	-4.0359e-012	1.7053e-013	-2.9104e-011	1.2733e-011	-4.0757e-010
	102	-4.5475e-013	4.0359e-012	-1.7053e-013	2.9104e-011	-3.6380e-012	2.2737e-011
51	100	8.5265e-014	2.0799e+001	4.0939e-016	-8.8009e+001	-1.9185e-013	1.1519e+004
	101	-8.5265e-014	-2.0799e+001	-4.0939e-016	8.8009e+001	-4.6185e-014	5.3280e+003
52	49	4.2693e+003	1.9540e+003	-2.2698e+000	5.3288e+003	3.9054e+002	1.4616e+005
	101	-4.3343e+003	-1.3398e+002	2.2698e+000	-5.3288e+003	-7.2569e+001	8.8009e+001
53	55	4.2653e+003	2.0333e+003	3.2184e+001	1.1155e+004	-1.8315e+003	1.6048e+005
	100	-4.3303e+003	-1.7203e+002	-3.2184e+001	-1.1155e+004	-2.7794e+003	-2.4996e+003
54	99	-5.3363e+003	-5.4526e+001	-8.0079e+001	2.1492e+004	3.2319e+003	5.3642e+003
	51	5.3173e+003	1.4147e+003	8.0079e+001	-2.1492e+004	2.5014e+003	-5.7960e+004
55	98	-5.2503e+003	-9.5019e+001	-3.1469e+001	7.5208e+003	1.2323e+003	-7.3287e+002
	50	5.2313e+003	1.4250e+003	3.1469e+001	-7.5208e+003	9.7082e+002	-5.2474e+004
56	97	0.0000e+000	-4.4940e+002	-1.7764e-015	-4.0299e+004	6.8212e-013	-4.1027e+005
	96	0.0000e+000	1.6320e+003	1.7764e-015	4.0299e+004	0.0000e+000	0.0000e+000
57	95	4.5475e-013	1.6016e+003	0.0000e+000	-4.2944e+004	1.5916e-012	0.0000e+000
	97	-4.5475e-013	-8.1777e+002	0.0000e+000	4.2944e+004	1.8190e-012	3.1604e+005
58	93	-8.5265e-014	1.2672e+003	0.0000e+000	-9.4269e+004	0.0000e+000	0.0000e+000
	97	8.5265e-014	1.2672e+003	0.0000e+000	9.4269e+004	-4.5475e-013	0.0000e+000
59	93	2.2737e-013	-1.8404e+003	-3.5527e-015	-1.2233e+004	0.0000e+000	-8.4773e+005
	36	-2.2737e-013	2.6035e+003	3.5527e-015	1.2233e+004	2.2737e-013	0.0000e+000
60	92	2.2737e-013	1.8980e+002	8.8818e-016	1.1128e+004	2.2737e-013	-1.0122e+006
	93	-2.2737e-013	5.7325e+002	-8.8818e-016	-1.1128e+004	-3.4106e-013	9.3906e+005
61	96	2.2737e-013	-1.6858e+003	1.4211e-014	1.9956e+003	0.0000e+000	-2.9039e+005
	39	-2.2737e-013	5.1956e+003	-1.4211e-014	-1.9956e+003	1.8190e-012	-7.1595e+005
62	36	2.2737e-013	2.9005e+003	1.7764e-015	-1.6360e+003	-1.8190e-012	5.1032e+005
	96	-2.2737e-013	5.3792e+001	-1.7764e-015	1.6360e+003	0.0000e+000	3.3068e+005
63	95	-2.8422e-013	-6.3235e+002	1.7764e-015	-9.3525e+004	4.5475e-013	-1.4013e+006
	94	2.8422e-013	5.8337e+003	-1.7764e-015	9.3525e+004	2.2737e-013	0.0000e+000
64	92	-2.8422e-013	5.3037e+003	0.0000e+000	-1.0310e+005	9.0949e-013	0.0000e+000
	95	2.8422e-013	-9.6921e+002	0.0000e+000	1.0310e+005	4.5475e-013	1.3595e+006
65	94	0.0000e+000	-1.6253e+003	-6.6613e-016	1.8130e+003	-1.1369e-013	-9.4540e+005

	39	0.0000e+000	1.6253e+003	6.6613e-016	-1.8130e+003	-5.6843e-014	0.0000e+000
66	38	0.0000e+000	4.2083e+003	1.5987e-014	2.3146e+003	-1.8190e-012	0.0000e+000
	94	0.0000e+000	-4.2083e+003	-1.5987e-014	-2.3146e+003	-1.5916e-012	8.5188e+005
67	35	0.0000e+000	5.8855e+003	-1.4211e-014	1.4784e+004	2.5011e-012	0.0000e+000
	92	0.0000e+000	-5.4934e+003	1.4211e-014	-1.4784e+004	2.0464e-012	1.1153e+006
69	77	-8.5265e-014	7.7882e+001	0.0000e+000	-3.5615e+004	-4.5475e-013	2.1471e+004
	78	8.5265e-014	-7.7882e+001	0.0000e+000	3.5615e+004	2.2737e-013	2.7131e+004
70	76	-1.4211e-013	-4.3139e+001	2.2204e-016	2.5468e+004	-1.1369e-013	-1.4755e+004
	77	1.4211e-013	4.3139e+001	-2.2204e-016	-2.5468e+004	1.1369e-013	-1.8635e+004
71	68	0.0000e+000	7.3029e+000	-4.4409e-016	-5.4420e+002	3.4106e-013	1.6812e+003
	67	0.0000e+000	-7.3029e+000	4.4409e-016	5.4420e+002	2.2737e-013	6.1043e+003
72	69	0.0000e+000	9.4982e+000	-2.2204e-016	-2.2778e+002	0.0000e+000	3.9119e+003
	68	0.0000e+000	-9.4982e+000	2.2204e-016	2.2778e+002	0.0000e+000	3.4779e+003
73	81	3.0731e+002	3.6043e+003	3.4974e+000	-7.7781e+003	-1.1904e+003	4.5934e+005
	83	-5.1731e+002	3.7640e+003	-3.4974e+000	7.7781e+003	-6.5100e+002	-5.0138e+005
74	79	2.7326e-001	7.2998e+003	4.4730e-001	2.9387e+003	-1.3678e+002	1.0850e+006
	81	-2.4027e+002	6.8285e+003	-4.4730e-001	-2.9387e+003	-2.5825e+002	-8.7682e+005
75	76	-3.0753e+002	6.9228e+003	-2.1346e-001	9.8242e+002	1.1323e+002	8.5090e+005
	79	-3.4474e+001	7.3336e+003	2.1346e-001	-9.8242e+002	5.5884e+001	-1.0137e+006
76	73	-1.6612e+002	4.7233e+003	-2.4954e-001	-6.0280e+002	8.4026e+001	6.4993e+005
	76	-2.5882e+001	4.7810e+003	2.4954e-001	6.0280e+002	1.1366e+002	-6.7281e+005
77	70	-1.6641e+002	5.0948e+003	7.0786e-002	-8.7400e+002	-5.5218e+001	6.6472e+005
	73	-7.3595e+001	5.2984e+003	-7.0786e-002	8.7400e+002	-6.1054e+000	-7.5292e+005
78	69	-4.4166e+002	2.4555e+003	6.1834e-001	1.3235e+003	-1.2909e+002	1.1837e+005
	70	3.2166e+002	3.7605e+003	-6.1834e-001	-1.3235e+003	-1.9127e+002	-4.5642e+005
79	74	1.9356e+002	7.8492e+003	2.0393e-001	1.9428e+003	-3.2530e+001	1.1032e+006
	77	-4.9756e+002	7.1418e+003	-2.0393e-001	-1.9428e+003	-1.2840e+002	-8.2404e+005
80	71	-2.4489e+002	8.9890e+003	-1.3247e-001	6.4463e+001	5.9253e+001	1.2160e+006
	74	-1.7511e+002	9.2185e+003	1.3247e-001	-6.4463e+001	5.5635e+001	-1.3155e+006
81	68	-6.5738e+002	5.0195e+003	-7.7230e-002	-1.4938e+003	-1.5185e+001	3.4436e+005
	71	4.3738e+002	6.3553e+003	7.7230e-002	1.4938e+003	5.5123e+001	-6.8974e+005
82	82	2.8219e+002	3.8705e+003	5.3319e+000	4.5905e+003	-1.3345e+003	4.8853e+005
	84	-4.9219e+002	3.9247e+003	-5.3319e+000	-4.5905e+003	-1.6354e+003	-5.0364e+005
83	80	1.1733e+001	7.2782e+003	7.8305e-001	1.1508e+003	-3.2023e+002	1.0881e+006
	82	-2.5173e+002	6.7829e+003	-7.8305e-001	-1.1508e+003	-3.6803e+002	-8.7042e+005
84	78	-3.0783e+002	7.0990e+003	1.3182e+000	-1.5377e+003	-5.7897e+002	8.8325e+005
	80	-3.4172e+001	7.5124e+003	-1.3182e+000	1.5377e+003	-4.9138e+002	-1.0511e+006
85	75	-1.3946e+002	4.4786e+003	8.7842e-001	3.2022e+003	-2.7864e+002	6.6684e+005
	78	-3.6543e+001	4.4267e+003	-8.7842e-001	-3.2022e+003	-4.3264e+002	-6.4582e+005
86	72	-1.7216e+002	5.6923e+003	2.1322e-001	6.9162e+002	-7.5142e+001	7.6281e+005
	75	-8.7843e+001	5.7908e+003	-2.1322e-001	-6.9162e+002	-1.1325e+002	-8.0630e+005
87	67	-4.5206e+002	3.1655e+003	2.2625e-001	-1.1278e+002	-6.2313e+001	1.6449e+005
	72	3.0206e+002	4.7508e+003	-2.2625e-001	1.1278e+002	-5.7113e+001	-5.8288e+005
95	41	7.2715e+003	3.3631e+003	-6.0252e+000	-4.9730e+002	9.3227e+002	6.6329e+005
	77	-7.2715e+003	-3.3631e+003	6.0252e+000	4.9730e+002	1.6224e+003	7.6266e+005
98	38	1.7064e+004	-5.6627e+002	-1.5546e+001	-4.7922e+002	2.9496e+003	-3.6817e+004
	74	-1.7064e+004	5.6627e+002	1.5546e+001	4.7922e+002	3.8906e+003	-2.1234e+005
101	35	1.5338e+004	1.7965e+003	-2.5779e+000	-4.5838e+002	6.1470e+002	3.0011e+005
	71	-1.5338e+004	-1.7965e+003	2.5779e+000	4.5838e+002	5.7111e+002	5.2627e+005
104	32	5.0291e+003	1.3934e+003	2.2412e+001	-4.4863e+002	-5.0873e+003	3.1021e+005
	68	-5.0291e+003	-1.3934e+003	-2.2412e+001	4.4863e+002	-5.4462e+003	3.4467e+005

122	47	0.0000e+000	-3.1077e+001	-2.7756e-017	9.4433e+002	7.1054e-015	-1.2404e+004
	48	0.0000e+000	3.1077e+001	2.7756e-017	-9.4433e+002	0.0000e+000	-1.7306e+004
123	41	-2.8422e-014	6.3581e+001	2.2204e-016	-2.4308e+004	-1.1369e-013	1.6945e+004
	42	2.8422e-014	-6.3581e+001	-2.2204e-016	2.4308e+004	5.6843e-014	2.2732e+004
124	40	-4.2633e-014	-3.5688e+001	1.1102e-016	2.0416e+004	0.0000e+000	-1.3113e+004
	41	4.2633e-014	3.5688e+001	-1.1102e-016	-2.0416e+004	-5.6843e-014	-1.4510e+004
125	32	2.2737e-013	1.2580e+001	1.1102e-016	-2.8109e+003	2.8422e-014	3.9107e+003
	31	-2.2737e-013	-1.2580e+001	-1.1102e-016	2.8109e+003	8.5265e-014	9.5006e+003
126	33	0.0000e+000	9.7072e+000	2.2204e-016	7.3626e+001	1.7053e-013	4.2946e+003
	32	0.0000e+000	-9.7072e+000	-2.2204e-016	-7.3626e+001	0.0000e+000	3.2577e+003
127	45	-2.2737e-013	5.6723e+003	0.0000e+000	-3.8141e+003	0.0000e+000	6.7200e+005
	47	2.2737e-013	3.8013e+003	0.0000e+000	3.8141e+003	0.0000e+000	-1.7964e+005
128	43	2.2737e-013	9.2080e+003	8.8818e-016	3.0201e+003	-4.5475e-013	1.3636e+006
	45	-2.2737e-013	8.8939e+003	-8.8818e-016	-3.0201e+003	-2.2737e-013	-1.2250e+006
129	40	1.1369e-013	8.9209e+003	8.8818e-016	3.2683e+002	2.2737e-013	1.1137e+006
	43	-1.1369e-013	9.2957e+003	-8.8818e-016	-3.2683e+002	-1.1369e-013	-1.2621e+006
130	37	1.1369e-013	5.6770e+003	-6.6613e-016	3.5126e+002	0.0000e+000	7.6396e+005
	40	-1.1369e-013	5.8073e+003	6.6613e-016	-3.5126e+002	-2.2737e-013	-8.1554e+005
131	34	0.0000e+000	6.1884e+003	0.0000e+000	-6.0215e+001	-2.2737e-013	8.3337e+005
	37	0.0000e+000	6.3701e+003	0.0000e+000	6.0215e+001	2.2737e-013	-9.1206e+005
132	33	3.4106e-013	3.1925e+003	-3.5527e-015	1.4218e+003	1.8190e-012	1.9584e+005
	34	-3.4106e-013	4.3186e+003	3.5527e-015	-1.4218e+003	1.8190e-012	-4.8750e+005
133	38	-4.9738e-014	8.9807e+003	1.1102e-016	1.0895e+003	1.7053e-013	1.1753e+006
	41	4.9738e-014	8.7718e+003	-1.1102e-016	-1.0895e+003	0.0000e+000	-1.0929e+006
134	35	-7.1054e-015	7.3044e+003	4.4409e-016	3.8903e+002	-4.5475e-013	1.0375e+006
	38	7.1054e-015	7.4350e+003	-4.4409e-016	-3.8903e+002	-6.8212e-013	-1.0941e+006
135	32	2.8422e-014	6.8492e+003	7.1054e-015	-9.3389e+002	0.0000e+000	5.5313e+005
	35	-2.8422e-014	7.1108e+003	-7.1054e-015	9.3389e+002	0.0000e+000	-6.2076e+005
136	46	3.4106e-013	5.8970e+003	3.5527e-015	-2.1261e+003	-9.0949e-013	7.1575e+005
	48	-3.4106e-013	4.1253e+003	-3.5527e-015	2.1261e+003	-9.0949e-013	-2.2251e+005
137	44	-2.2737e-013	9.1934e+003	0.0000e+000	2.6529e+002	0.0000e+000	1.3685e+006
	46	2.2737e-013	8.8224e+003	0.0000e+000	-2.6529e+002	0.0000e+000	-1.2055e+006
138	42	3.4106e-013	9.2092e+003	4.4409e-016	-1.4366e+002	-2.2737e-013	1.1943e+006
	44	-3.4106e-013	9.4609e+003	-4.4409e-016	1.4366e+002	-4.5475e-013	-1.2964e+006
139	39	2.2737e-013	5.3264e+003	-2.2204e-016	2.9602e+003	-3.4106e-013	6.9868e+005
	42	-2.2737e-013	5.6028e+003	2.2204e-016	-2.9602e+003	-2.2737e-013	-8.1058e+005
140	31	1.1369e-013	4.5421e+003	-3.5527e-015	-1.1019e+003	-9.0949e-013	3.2054e+005
	36	-1.1369e-013	4.9575e+003	3.5527e-015	1.1019e+003	-1.8190e-012	-4.3014e+005
141	54	-1.5409e+001	5.3613e+003	1.1135e-001	1.4644e+003	1.7594e+001	7.5574e+005
	55	-3.0959e+002	4.3906e+003	-1.1135e-001	-1.4644e+003	-1.0117e+002	-3.9147e+005
142	53	-1.3083e+002	6.2010e+003	-2.3168e-001	-2.4040e+002	8.4345e+001	8.7144e+005
	54	-2.4417e+002	5.8896e+003	2.3168e-001	2.4040e+002	1.0249e+002	-7.4587e+005
143	52	-1.3416e+002	7.1161e+003	-3.7429e-001	7.5297e+002	1.8008e+002	1.0363e+006
	53	-2.9084e+002	6.6699e+003	3.7429e-001	-7.5297e+002	1.2359e+002	-8.5531e+005
144	51	-5.0507e+002	6.9645e+003	-1.7510e+000	3.3713e+003	8.5371e+002	6.0564e+005
	52	-4.5934e+001	8.3503e+003	1.7510e+000	-3.3713e+003	5.5855e+002	-1.1645e+006
145	30	-3.4236e+001	5.2275e+003	-6.4210e-001	5.8237e+002	2.6021e+002	7.1072e+005
	49	-2.9076e+002	4.3275e+003	6.4210e-001	-5.8237e+002	2.1201e+002	-3.7980e+005
146	56	-1.4042e+002	6.0217e+003	-6.6250e-001	-4.1799e+001	2.6021e+002	8.1567e+005
	30	-2.3458e+002	5.8283e+003	6.6250e-001	4.1799e+001	2.6343e+002	-7.3924e+005
147	29	-1.3729e+002	6.9777e+003	-6.5037e-001	4.2129e+001	2.6026e+002	1.0037e+006

	56	-2.8771e+002	6.5373e+003	6.5037e-001	-4.2129e+001	2.5704e+002	-8.2856e+005
148	50	-4.5158e+002	6.8309e+003	-1.1436e+000	1.0800e+003	5.0026e+002	5.7777e+005
	29	-9.9420e+001	8.1791e+003	1.1436e+000	-1.0800e+003	4.0379e+002	-1.1107e+006
159	21	1.6143e+004	1.3765e+003	2.2645e+000	-3.1062e+002	-1.6625e+003	1.6563e+005
	41	-1.6143e+004	-1.3765e+003	-2.2645e+000	3.1062e+002	7.5671e+002	3.8496e+005
161	20	3.7688e+004	4.5718e+002	-6.3071e+000	-3.1062e+002	1.3441e+003	6.7125e+004
	38	-3.7688e+004	-4.5718e+002	6.3071e+000	3.1062e+002	1.1788e+003	1.1575e+005
164	19	3.5638e+004	4.0614e+002	6.0436e-001	-3.1062e+002	-4.9628e+002	6.0633e+004
	35	-3.5638e+004	-4.0614e+002	-6.0436e-001	3.1062e+002	2.5454e+002	1.0182e+005
167	18	1.1881e+004	9.3334e+002	1.8599e+001	-3.1062e+002	-3.4207e+003	1.2754e+005
	32	-1.1881e+004	-9.3334e+002	-1.8599e+001	3.1062e+002	-4.0187e+003	2.4579e+005
88	48	8.1964e+003	2.6037e+002	1.5697e+002	-5.2376e+002	2.8313e+004	-4.6771e+004
	84	-8.1964e+003	-2.6037e+002	-1.5697e+002	5.2376e+002	-8.7178e+004	1.4441e+005
89	47	8.1549e+003	4.0544e+002	2.2939e+002	-5.2376e+002	2.6390e+004	-1.6424e+004
	83	-8.1549e+003	-4.0544e+002	-2.2939e+002	5.2376e+002	-1.1241e+005	1.6846e+005
90	46	1.0648e+004	-1.6600e+003	-7.9805e+002	-5.0362e+002	1.4793e+005	-3.0216e+005
	82	-1.0648e+004	1.6600e+003	7.9805e+002	5.0362e+002	1.6331e+005	-3.4525e+005
91	45	1.0426e+004	-1.6377e+003	-1.1528e+003	-5.0362e+002	2.0784e+005	-2.9818e+005
	81	-1.0426e+004	1.6377e+003	1.1528e+003	5.0362e+002	2.4175e+005	-3.4054e+005
92	44	1.4788e+004	1.3347e+002	7.8747e+001	-4.8496e+002	-1.2476e+004	2.2328e+004
	80	-1.4788e+004	-1.3347e+002	-7.8747e+001	4.8496e+002	-1.9416e+004	3.1726e+004
93	43	1.4631e+004	2.9382e+002	1.4519e+002	-4.8496e+002	-2.6485e+004	5.4082e+004
	79	-1.4631e+004	-2.9382e+002	-1.4519e+002	4.8496e+002	-3.2316e+004	6.4914e+004
94	42	1.1453e+004	7.5894e+002	4.4950e+002	-4.6323e+002	-8.7983e+004	1.5254e+005
	78	-1.1453e+004	-7.5894e+002	-4.4950e+002	4.6323e+002	-1.0261e+005	1.6925e+005
96	40	1.1666e+004	6.1056e+002	3.9753e+002	-4.6323e+002	-8.6547e+004	1.2946e+005
	76	-1.1666e+004	-6.1056e+002	-3.9753e+002	4.6323e+002	-8.2008e+004	1.2942e+005
97	39	1.0272e+004	-4.0684e+002	-2.1124e+002	-4.4639e+002	3.2065e+004	-5.3548e+004
	75	-1.0272e+004	4.0684e+002	2.1124e+002	4.4639e+002	6.0880e+004	-1.2546e+005
99	37	1.0024e+004	-3.4432e+002	-2.8989e+002	-4.4639e+002	6.0904e+004	-7.2813e+004
	73	-1.0024e+004	3.4432e+002	2.8989e+002	4.4639e+002	6.6647e+004	-7.8688e+004
100	36	1.0439e+004	5.0542e+002	2.3997e+002	-4.2698e+002	-3.1212e+004	7.0916e+004
	72	-1.0439e+004	-5.0542e+002	-2.3997e+002	4.2698e+002	-7.9174e+004	1.6158e+005
102	34	8.8508e+003	6.8152e+002	5.5419e+002	-4.2698e+002	-1.2306e+005	1.5210e+005
	70	-8.8508e+003	-6.8152e+002	-5.5419e+002	4.2698e+002	-1.3187e+005	1.6140e+005
103	33	2.4731e+003	3.7587e+002	3.0427e+002	-4.1789e+002	-6.7854e+004	8.4796e+004
	69	-2.4731e+003	-3.7587e+002	-3.0427e+002	4.1789e+002	-7.5154e+004	9.1864e+004
105	31	3.1662e+003	6.2605e+002	3.2562e+002	-4.1789e+002	-7.6951e+004	1.5030e+005
	67	-3.1662e+003	-6.2605e+002	-3.2562e+002	4.1789e+002	-7.6091e+004	1.4395e+005
106	60	2.2419e+004	-5.1448e+002	-2.6624e+002	-8.0075e+002	3.1205e+004	-6.8980e+004
	39	-2.2419e+004	5.1448e+002	2.6624e+002	8.0075e+002	-1.7893e+004	4.3256e+004
107	13	2.5337e+004	-8.1685e+000	-3.5406e+001	-2.1628e+002	2.1244e+003	3.7593e+003
	60	-2.5337e+004	8.1685e+000	3.5406e+001	2.1628e+002	1.0268e+004	-6.6183e+003
108	61	2.6201e+004	1.2864e+003	6.8147e+002	-1.1837e+003	5.0220e+004	-9.4434e+004
	42	-2.6201e+004	-1.2864e+003	-6.8147e+002	1.1837e+003	-8.4293e+004	1.5875e+005
109	14	2.8764e+004	3.0930e+002	1.8148e+002	-1.6157e+002	-2.5456e+004	4.6315e+004
	61	-2.8764e+004	-3.0930e+002	-1.8148e+002	1.6157e+002	-3.8064e+004	6.1941e+004
110	62	3.3442e+004	5.8817e+002	2.5305e+002	2.5904e+002	7.7789e+003	-1.2366e+004
	44	-3.3442e+004	-5.8817e+002	-2.5305e+002	-2.5904e+002	-2.0431e+004	4.1774e+004
111	15	3.5591e+004	3.9439e+001	2.8336e+001	-3.6768e+002	-3.7280e+003	1.0374e+004
	62	-3.5591e+004	-3.9439e+001	-2.8336e+001	3.6768e+002	-6.1895e+003	3.4292e+003

112	63	2.5367e+004	-1.7401e+003	-9.0214e+002	2.8296e+003	-2.2277e+004	5.0696e+004
	46	-2.5367e+004	1.7401e+003	9.0214e+002	-2.8296e+003	6.7383e+004	-1.3770e+005
113	16	2.6132e+004	-7.3130e+002	-3.6814e+002	-7.3491e+002	4.9627e+004	-9.0579e+004
	63	-2.6132e+004	7.3130e+002	3.6814e+002	7.3491e+002	7.9221e+004	-1.6538e+005
114	64	6.2818e+003	-1.9568e+003	-3.1715e+002	-2.3416e+003	-1.7811e+004	1.2106e+005
	55	-6.2818e+003	1.9568e+003	3.1715e+002	2.3416e+003	3.5254e+004	-2.2868e+005
115	10	7.1324e+003	-9.8509e+002	-1.6195e+002	4.3301e+002	1.8791e+004	-1.2571e+005
	64	-7.1324e+003	9.8509e+002	1.6195e+002	-4.3301e+002	3.7892e+004	-2.1908e+005
116	59	1.1253e+004	6.2612e+002	1.6578e+002	9.6321e+001	-8.5273e+003	4.0980e+004
	54	-1.1253e+004	-6.2612e+002	-1.6578e+002	-9.6321e+001	-4.7350e+003	9.1092e+003
117	9	1.3296e+004	-3.0701e+002	-6.0308e+001	4.3030e+001	5.9460e+003	-3.6936e+004
	59	-1.3296e+004	3.0701e+002	6.0308e+001	-4.3030e+001	1.5162e+004	-7.0517e+004
118	57	1.5463e+004	-9.7963e+002	-2.1268e+002	-2.5125e+002	-1.5766e+003	-2.4967e+003
	52	-1.5463e+004	9.7963e+002	2.1268e+002	2.5125e+002	2.9225e+004	-1.2486e+005
119	7	1.8392e+004	-3.5455e+002	-7.6220e+001	1.5837e+002	1.0027e+004	-4.8782e+004
	57	-1.8392e+004	3.5455e+002	7.6220e+001	-1.5837e+002	1.6650e+004	-7.5309e+004
120	58	1.2878e+004	4.2391e+002	6.4113e+001	9.0441e+002	-3.4666e+003	2.8710e+004
	53	-1.2878e+004	-4.2391e+002	-6.4113e+001	-9.0441e+002	-3.2653e+003	1.5801e+004
121	8	1.5451e+004	-2.2902e+002	-4.1582e+001	-2.0628e+002	3.8839e+003	-2.7580e+004
	58	-1.5451e+004	2.2902e+002	4.1582e+001	2.0628e+002	1.0670e+004	-5.2577e+004
149	1	8.1930e+003	1.5584e+003	-1.5380e+001	4.4727e+001	1.4201e+003	2.6793e+005
	50	-8.1930e+003	-1.5584e+003	1.5380e+001	-4.4727e+001	6.4086e+003	5.2529e+005
150	5	6.1353e+003	-8.4471e+002	2.7847e+001	5.6212e+001	-6.5137e+003	-1.0847e+005
	49	-6.1353e+003	8.4471e+002	-2.7847e+001	-5.6212e+001	-4.7645e+003	-2.3364e+005
151	4	1.1058e+004	-8.2261e+001	1.0119e+001	5.2944e+001	-3.7102e+003	-6.8531e+003
	30	-1.1058e+004	8.2261e+001	-1.0119e+001	-5.2944e+001	-6.4099e+002	-2.8519e+004
152	2	1.5156e+004	-3.2176e+002	1.5055e+000	4.7429e+001	-1.7368e+003	-4.7519e+004
	29	-1.5156e+004	3.2176e+002	-1.5055e+000	-4.7429e+001	1.0141e+003	-1.0692e+005
153	3	1.2566e+004	-2.7957e+001	5.8501e+000	5.0035e+001	-2.7294e+003	1.6979e+002
	56	-1.2566e+004	2.7957e+001	-5.8501e+000	-5.0035e+001	6.7577e+001	-1.2890e+004
154	6	8.3184e+003	1.6047e+003	2.6999e+002	4.4727e+001	-4.6998e+004	2.7604e+005
	51	-8.3184e+003	-1.6047e+003	-2.6999e+002	-4.4727e+001	-9.0428e+004	5.4073e+005
155	17	1.2353e+004	-5.1364e+002	-3.1086e+002	-2.8934e+002	4.3474e+004	-6.2727e+004
	48	-1.2353e+004	5.1364e+002	3.1086e+002	2.8934e+002	8.0871e+004	-1.4273e+005
156	28	1.1925e+004	-4.2935e+002	-3.6220e+002	-2.8934e+002	5.1170e+004	-5.2604e+004
	47	-1.1925e+004	4.2935e+002	3.6220e+002	2.8934e+002	9.3710e+004	-1.1914e+005
157	27	2.4992e+004	-5.8097e+002	-4.0045e+002	-2.8934e+002	5.5668e+004	-7.3305e+004
	45	-2.4992e+004	5.8097e+002	4.0045e+002	2.8934e+002	1.0451e+005	-1.5908e+005
158	26	3.3135e+004	1.5092e+002	7.6193e+001	-2.8934e+002	-8.9253e+003	2.3510e+004
	43	-3.3135e+004	-1.5092e+002	-7.6193e+001	2.8934e+002	-2.1552e+004	3.6856e+004
160	25	2.6358e+004	3.8291e+002	2.6616e+002	-2.8934e+002	-3.5178e+004	5.3739e+004
	40	-2.6358e+004	-3.8291e+002	-2.6616e+002	2.8934e+002	-7.1285e+004	9.9425e+004
162	24	2.2071e+004	-1.4672e+002	-1.2482e+002	-2.8934e+002	1.6027e+004	-1.7583e+004
	37	-2.2071e+004	1.4672e+002	1.2482e+002	2.8934e+002	3.3899e+004	-4.1106e+004
163	12	2.0900e+004	-1.4815e+001	-1.1977e+001	-2.8934e+002	-1.5778e+003	1.2589e+003
	36	-2.0900e+004	1.4815e+001	1.1977e+001	2.8934e+002	6.3687e+003	-7.1849e+003
165	23	1.9358e+004	4.4451e+002	3.5850e+002	-2.8934e+002	-4.9420e+004	6.0471e+004
	34	-1.9358e+004	-4.4451e+002	-3.5850e+002	2.8934e+002	-9.3980e+004	1.1733e+005
166	22	5.6753e+003	2.6006e+002	2.1035e+002	-2.8934e+002	-3.0276e+004	3.5422e+004
	33	-5.6753e+003	-2.6006e+002	-2.1035e+002	2.8934e+002	-5.3866e+004	6.8601e+004
168	11	7.6958e+003	5.0084e+002	2.6790e+002	-2.8934e+002	-3.9591e+004	6.9676e+004

	31	-7.6958e+003	-5.0084e+002	-2.6790e+002	2.8934e+002	-6.7567e+004	1.3066e+005

SFORZI "Perma" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	-5.1809e+001	1.8418e+002	2.3171e-001	3.3347e+002	-1.5943e+002	0.0000e+000
	124	5.1809e+001	1.8418e+002	-2.3171e-001	-3.3347e+002	-1.7537e+001	0.0000e+000
2	125	-1.6689e+003	-5.0067e+001	-3.4483e+001	-4.1929e+002	6.3703e+002	-5.6827e+004
	122	1.6689e+003	2.8992e+002	3.4483e+001	4.1929e+002	8.5860e+003	1.1360e+004
3	121	-1.6810e+003	3.6793e+002	2.1456e+000	1.2758e+002	-8.1831e+001	8.2963e+003
	125	1.6810e+003	-1.3411e+002	-2.1456e+000	-1.2758e+002	-4.7761e+002	5.7152e+004
4	124	-1.0941e+003	-1.0040e+002	3.0515e+001	1.0223e+003	-2.5431e+003	-4.5143e+004
	120	1.0941e+003	3.2464e+002	-3.0515e+001	-1.0223e+003	-5.0872e+003	-7.9971e+003
5	119	-1.0948e+003	3.0978e+002	-1.9553e+001	9.5402e+002	2.3668e+003	4.7792e+003
	124	1.0948e+003	-8.3779e+001	1.9553e+001	-9.5402e+002	2.5607e+003	4.4811e+004
8	122	1.9137e+002	1.6842e+002	-1.6603e+000	-7.5234e+002	9.3005e+002	0.0000e+000
	120	-1.9137e+002	1.6842e+002	1.6603e+000	7.5234e+002	2.2953e+002	0.0000e+000
9	121	4.8687e+001	2.0016e+002	4.0062e-002	5.6834e+002	-6.2089e+001	0.0000e+000
	119	-4.8687e+001	2.0016e+002	-4.0062e-002	-5.6834e+002	2.8837e+001	0.0000e+000
10	122	-1.7118e+003	-4.5835e+002	1.3065e+002	-9.7571e+001	-9.5160e+003	-1.2095e+004
	63	1.7118e+003	6.3160e+002	-1.3065e+002	9.7571e+001	-1.5725e+004	-9.3192e+004
11	62	-1.6694e+003	7.0928e+002	-2.8044e+001	3.4596e+002	4.2713e+003	1.0830e+005
	121	1.6694e+003	-5.6809e+002	2.8044e+001	-3.4596e+002	1.4392e+002	-7.7422e+003
12	120	-1.1001e+003	-4.9306e+002	-1.6077e+002	1.0392e+003	4.8577e+003	8.7493e+003
	64	1.1001e+003	5.8276e+002	1.6077e+002	-1.0392e+003	1.1222e+004	-6.2551e+004
13	59	-1.0945e+003	6.4273e+002	2.4440e+001	9.3620e+002	-1.2232e+003	9.0690e+004
	119	1.0945e+003	-5.0994e+002	-2.4440e+001	-9.3620e+002	-2.3957e+003	-5.3516e+003
14	118	2.8561e+001	2.1453e+002	-7.5027e-001	7.4241e+001	3.8025e+002	0.0000e+000
	117	-2.8561e+001	2.1453e+002	7.5027e-001	-7.4241e+001	2.8720e+002	0.0000e+000
15	118	-1.0147e+003	-6.8445e+002	5.0858e+001	1.1878e+003	-1.6307e+003	3.5176e+004
	62	1.0147e+003	7.7315e+002	-5.0858e+001	-1.1878e+003	-3.3991e+003	-1.0725e+005
16	116	-1.0094e+003	-2.4733e+002	-4.5905e+000	2.4991e+002	-1.1100e+002	-5.3893e+004
	118	1.0094e+003	4.6992e+002	4.5905e+000	-2.4991e+002	1.2504e+003	-3.5123e+004
17	117	-2.4554e+002	-6.5776e+002	-2.3712e+001	1.6323e+002	7.5301e+002	2.8982e+004
	59	2.4554e+002	7.4570e+002	2.3712e+001	-1.6323e+002	1.5722e+003	-9.7794e+004
18	115	-2.4479e+002	-2.1705e+002	5.2843e+000	2.1489e+002	-2.9255e+002	-5.4209e+004
	117	2.4479e+002	4.4323e+002	-5.2843e+000	-2.1489e+002	-1.0402e+003	-2.9056e+004
19	116	-5.1673e+000	2.2942e+002	-5.6042e-001	-1.1334e+002	2.5022e+002	0.0000e+000
	115	5.1673e+000	2.2942e+002	5.6042e-001	1.1334e+002	2.8294e+002	0.0000e+000
20	114	-8.3617e+000	3.6093e+002	-6.2634e-001	2.7896e+001	3.3574e+002	0.0000e+000
	113	8.3617e+000	3.6093e+002	6.2634e-001	-2.7896e+001	3.0253e+002	0.0000e+000
21	114	-1.0111e+003	2.1671e+002	-1.6711e-001	2.4810e+002	1.8294e+002	-2.7776e+004
	116	1.0111e+003	1.7910e+001	1.6711e-001	-2.4810e+002	-1.3922e+002	5.3783e+004
22	113	-2.4429e+002	2.4083e+002	2.5699e+000	-3.3367e+002	-6.6430e+002	-2.2069e+004
	115	2.4429e+002	-1.2370e+001	-2.5699e+000	3.3367e+002	9.6105e+000	5.4321e+004
23	61	-1.0137e+003	7.5973e+002	3.6142e+000	3.6981e+002	-2.1513e+002	1.0797e+005
	114	1.0137e+003	-5.7765e+002	-3.6142e+000	-3.6981e+002	-5.1868e+002	2.7802e+004
24	58	-2.4382e+002	7.8204e+002	-7.4567e+000	-1.8364e+002	1.1372e+003	1.1704e+005
	113	2.4382e+002	-6.0176e+002	7.4567e+000	1.8364e+002	3.6177e+002	2.2043e+004
25	112	-9.3074e+001	3.8287e+002	-9.4633e-001	3.8464e+002	4.6713e+002	0.0000e+000
	111	9.3074e+001	3.8287e+002	9.4633e-001	-3.8464e+002	5.5584e+002	0.0000e+000

26	112	6.4959e+002	-1.0936e+003	-1.0089e+002	3.6457e+003	2.0182e+003	9.0576e+004
	61	-6.4959e+002	1.1357e+003	1.0089e+002	-3.6457e+003	2.7249e+003	-1.4298e+005
27	110	6.3078e+002	-4.8207e+002	1.4772e+001	2.1651e+002	-1.2805e+003	-6.1755e+004
	112	-6.3078e+002	7.1068e+002	-1.4772e+001	-2.1651e+002	-2.4853e+003	-9.0275e+004
28	111	1.5181e+003	-1.0717e+003	1.0010e+002	6.7795e+002	6.2893e+002	7.9971e+004
	58	-1.5181e+003	1.1156e+003	-1.0010e+002	-6.7795e+002	-5.5369e+003	-1.3359e+005
29	109	1.5173e+003	-4.6330e+002	1.1456e+001	4.5041e+002	-1.6956e+003	-6.4479e+004
	111	-1.5173e+003	6.8878e+002	-1.1456e+001	-4.5041e+002	-1.1848e+003	-8.0358e+004
30	110	6.1630e+000	4.0493e+002	-9.6339e-001	4.0078e+001	5.6627e+002	0.0000e+000
	109	-6.1630e+000	4.0493e+002	9.6339e-001	-4.0078e+001	5.3513e+002	0.0000e+000
31	108	6.3129e+002	1.4429e+002	1.5107e+000	-4.6362e+002	-1.0872e+003	-5.3502e+004
	110	-6.3129e+002	7.7138e+001	-1.5107e+000	4.6362e+002	7.1421e+002	6.1792e+004
32	107	1.5185e+003	1.6729e+002	-7.2663e+000	-6.0411e+002	6.6785e+002	-5.0734e+004
	109	-1.5185e+003	5.8362e+001	7.2663e+000	6.0411e+002	1.1605e+003	6.4438e+004
33	108	1.3322e+001	4.2688e+002	-5.2264e-001	-1.0654e+002	2.8954e+002	0.0000e+000
	107	-1.3322e+001	4.2688e+002	5.2264e-001	1.0654e+002	3.4036e+002	0.0000e+000
34	60	6.3358e+002	8.0501e+002	-8.7869e+000	-2.4597e+002	1.4936e+003	1.2602e+005
	108	-6.3358e+002	-5.7117e+002	8.7869e+000	2.4597e+002	7.9767e+002	5.3400e+004
35	57	1.5196e+003	8.2632e+002	9.7059e+000	-4.8541e+002	-1.5044e+003	1.3302e+005
	107	-1.5196e+003	-5.9417e+002	-9.7059e+000	4.8541e+002	-1.0082e+003	5.0842e+004
36	60	3.4678e+002	5.8743e+002	-6.4205e-001	1.9595e+002	4.2375e+002	0.0000e+000
	57	-3.4678e+002	5.8743e+002	6.4205e-001	-1.9595e+002	3.9224e+002	0.0000e+000
37	65	-2.6473e-001	-6.1959e+002	2.8800e+000	-3.1074e+001	-3.1608e+002	1.3569e+002
	60	2.6473e-001	8.4940e+002	-2.8800e+000	3.1074e+001	-4.2194e+002	-1.8835e+005
38	66	-5.2503e-001	-6.1959e+002	-2.8441e+000	-6.8309e+000	-1.9979e+002	-1.3904e+002
	57	5.2503e-001	8.4612e+002	2.8441e+000	6.8309e+000	9.1822e+002	-1.8498e+005
68	65	2.8665e+000	6.1959e+002	-3.8483e-001	1.3921e+002	3.1608e+002	0.0000e+000
	66	-2.8665e+000	6.1959e+002	3.8483e-001	-1.3921e+002	1.9979e+002	0.0000e+000
6	53	4.8549e+001	-3.6306e-001	-2.8731e-001	-6.1307e-001	8.1991e+001	-2.0720e+002
	105	-4.8549e+001	3.6306e-001	2.8731e-001	6.1307e-001	8.1981e+001	4.5482e-013
7	106	9.2960e+002	1.2127e+001	4.7045e+001	3.1275e+001	-2.3974e+003	7.2746e-012
	77	-9.2960e+002	-1.2127e+001	-4.7045e+001	-3.1275e+001	-2.3983e+003	1.2362e+003
39	89	0.0000e+000	6.3750e+002	0.0000e+000	0.0000e+000	-1.7462e-010	2.3906e+004
	91	0.0000e+000	1.6007e-010	0.0000e+000	0.0000e+000	-1.1642e-010	1.8626e-009
40	88	-2.9104e-011	5.8149e+002	9.0949e-013	4.6566e-009	0.0000e+000	1.9890e+004
	90	2.9104e-011	-1.4552e-010	-9.0949e-013	-4.6566e-009	4.3656e-011	9.3132e-010
41	89	-3.6380e-012	3.9756e+003	-5.3291e-015	2.5655e+004	2.5011e-012	3.9751e+005
	88	3.6380e-012	3.6524e+003	5.3291e-015	-2.5655e+004	3.1832e-012	-2.5247e+005
42	83	-3.4470e+004	1.7594e+004	1.5530e+002	3.7236e+005	-1.9273e+004	3.6009e+006
	89	3.4269e+004	-4.1025e+003	-1.5530e+002	-3.7236e+005	-3.2789e+004	3.5888e+004
43	84	-3.3242e+004	1.6981e+004	-3.9180e+001	-2.2228e+005	2.3405e+003	3.4820e+006
	88	3.3041e+004	-3.7325e+003	3.9180e+001	2.2228e+005	1.0557e+004	-7.2720e+004
44	87	2.9104e-011	1.8190e-012	-1.8190e-012	-5.8208e-011	-2.9104e-010	6.9122e-011
	69	-2.9104e-011	5.9869e+002	1.8190e-012	5.8208e-011	-1.7462e-010	-2.1084e+004
45	67	5.8208e-011	6.4264e+002	0.0000e+000	0.0000e+000	-1.1642e-010	2.4293e+004
	86	-5.8208e-011	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	-2.3283e-010
46	99	0.0000e+000	6.2682e+003	0.0000e+000	-2.0514e+003	3.1974e-014	1.2575e+006
	98	0.0000e+000	6.3543e+003	0.0000e+000	2.0514e+003	1.4211e-014	-1.3214e+006
47	98	0.0000e+000	5.9500e+002	2.2737e-013	0.0000e+000	0.0000e+000	2.0825e+004
	85	0.0000e+000	-1.4552e-011	-2.2737e-013	0.0000e+000	7.2760e-012	2.7940e-009
48	104	0.0000e+000	-5.8208e-011	4.5475e-013	-2.3283e-010	7.2760e-012	2.4447e-009

	99	0.0000e+000	5.9500e+002	-4.5475e-013	2.3283e-010	0.0000e+000	-2.0825e+004
49	103	0.0000e+000	-1.0914e-011	-5.6843e-014	7.2760e-012	1.8190e-012	1.1642e-010
	100	0.0000e+000	5.9500e+002	5.6843e-014	-7.2760e-012	3.6380e-012	-2.0825e+004
50	101	0.0000e+000	5.9500e+002	2.2737e-013	-3.6380e-012	0.0000e+000	2.0825e+004
	102	0.0000e+000	-7.2760e-012	-2.2737e-013	3.6380e-012	7.2760e-012	4.6566e-010
51	100	0.0000e+000	3.4347e+003	-1.1102e-016	-1.5165e+003	0.0000e+000	3.2643e+005
	101	0.0000e+000	3.4503e+003	1.1102e-016	1.5165e+003	-2.1316e-014	-3.3277e+005
52	49	2.3293e+003	9.6331e+003	-1.0985e+003	-3.0892e+005	6.3522e+004	9.6308e+005
	101	-2.5256e+003	-4.1381e+003	1.0985e+003	3.0892e+005	9.0370e+004	1.5165e+003
53	55	1.0757e+003	9.6963e+003	1.0081e+003	2.9573e+005	-5.9650e+004	1.0521e+006
	100	-1.2719e+003	-4.0765e+003	-1.0081e+003	-2.9573e+005	-8.4780e+004	-6.5516e+004
54	99	-1.3504e+004	-7.0525e+003	3.2906e+003	-1.2070e+006	-1.3831e+005	-2.6113e+005
	51	1.3451e+004	1.0865e+004	-3.2906e+003	1.2070e+006	-9.7284e+004	-3.8027e+005
55	98	-1.1207e+004	-7.1101e+003	-3.6576e+003	1.2986e+006	1.5060e+005	2.0514e+003
	50	1.1154e+004	1.0838e+004	3.6576e+003	-1.2986e+006	1.0546e+005	-6.3028e+005
56	97	0.0000e+000	-1.5192e+003	-3.5527e-015	-7.8121e+004	-9.0949e-013	-1.0263e+006
	96	0.0000e+000	3.6874e+003	3.5527e-015	7.8121e+004	-4.5475e-013	0.0000e+000
57	95	9.0949e-013	3.8459e+003	-1.4211e-014	-8.3994e+004	1.3642e-012	0.0000e+000
	97	-9.0949e-013	-2.4090e+003	1.4211e-014	8.3994e+004	1.8190e-012	8.1709e+005
58	93	3.4106e-013	3.9282e+003	0.0000e+000	-2.0927e+005	-2.7285e-012	0.0000e+000
	97	-3.4106e-013	3.9282e+003	0.0000e+000	2.0927e+005	-1.8190e-012	0.0000e+000
59	93	0.0000e+000	-4.5448e+003	7.1054e-015	-2.6620e+004	-9.0949e-013	-2.1343e+006
	36	0.0000e+000	6.6432e+003	-7.1054e-015	2.6620e+004	0.0000e+000	0.0000e+000
60	92	0.0000e+000	1.4818e+003	1.0658e-014	2.5239e+004	9.0949e-013	-2.1720e+006
	93	0.0000e+000	6.1661e+002	-1.0658e-014	-2.5239e+004	9.0949e-013	2.3370e+006
61	96	0.0000e+000	-3.3605e+003	5.6843e-014	7.8196e+003	0.0000e+000	-5.9072e+005
	39	0.0000e+000	1.1038e+004	-5.6843e-014	-7.8196e+003	-7.2760e-012	-1.5149e+006
62	36	0.0000e+000	5.2015e+003	-7.1054e-015	3.8040e+002	-7.2760e-012	9.6437e+005
	96	0.0000e+000	-3.2691e+002	7.1054e-015	-3.8040e+002	-3.6380e-012	6.6888e+005
63	95	0.0000e+000	-5.0037e+002	7.1054e-015	-1.7830e+005	9.0949e-013	-2.9880e+006
	94	0.0000e+000	1.3287e+004	-7.1054e-015	1.7830e+005	-9.0949e-013	0.0000e+000
64	92	0.0000e+000	1.0064e+004	0.0000e+000	-1.9703e+005	1.8190e-012	0.0000e+000
	95	0.0000e+000	-3.3456e+003	0.0000e+000	1.9703e+005	1.8190e-012	2.9061e+006
65	94	0.0000e+000	-2.6147e+003	8.8818e-016	5.5431e+003	4.5475e-013	-2.4513e+006
	39	0.0000e+000	5.8139e+003	-8.8818e-016	-5.5431e+003	4.5475e-013	0.0000e+000
66	38	-9.0949e-013	1.1786e+004	1.4211e-014	6.9403e+003	-9.0949e-013	0.0000e+000
	94	9.0949e-013	-1.0672e+004	-1.4211e-014	-6.9403e+003	-9.0949e-013	2.2730e+006
67	35	0.0000e+000	1.2624e+004	7.1054e-015	3.3059e+004	-3.6380e-012	0.0000e+000
	92	0.0000e+000	-1.1546e+004	-7.1054e-015	-3.3059e+004	-2.7285e-012	2.3689e+006
69	77	2.2737e-013	2.1006e+003	0.0000e+000	-9.3283e+004	0.0000e+000	2.8696e+005
	78	-2.2737e-013	1.3316e+003	0.0000e+000	9.3283e+004	1.3642e-012	-4.6999e+004
70	76	-4.5475e-013	1.9599e+003	-8.8818e-016	6.9469e+004	-9.0949e-013	1.9064e+005
	77	4.5475e-013	2.2973e+003	8.8818e-016	-6.9469e+004	-1.8190e-012	-3.2124e+005
71	68	0.0000e+000	4.7187e+003	-3.5527e-015	1.9236e+003	1.8190e-012	8.3057e+005
	67	0.0000e+000	4.3429e+003	3.5527e-015	-1.9236e+003	1.3642e-012	-6.3025e+005
72	69	0.0000e+000	3.0027e+003	-4.4409e-015	-3.7584e+002	6.8212e-013	3.1703e+005
	68	0.0000e+000	3.6104e+003	4.4409e-015	3.7584e+002	9.0949e-013	-5.5343e+005
73	81	1.2554e+001	9.0093e+003	2.2122e+001	-8.7938e+002	-5.8543e+003	1.1450e+006
	83	-6.4630e+002	1.3227e+004	-2.2122e+001	8.7938e+002	-5.7933e+003	-2.2554e+006
74	79	-8.0050e+000	2.1159e+004	1.8235e+000	8.7473e+003	-6.2444e+002	3.1264e+006
	81	-6.8575e+002	1.9681e+004	-1.8235e+000	-8.7473e+003	-9.8603e+002	-2.4740e+006

75	76	-7.3015e+002	1.9533e+004	4.8634e+000	-1.8739e+004	-2.4735e+003	2.3634e+006
	79	-2.4360e+002	2.1058e+004	-4.8634e+000	1.8739e+004	-1.3796e+003	-2.9676e+006
76	73	-5.0764e+002	1.3833e+004	3.1639e+000	2.3821e+004	-6.6771e+002	1.8919e+006
	76	-5.6356e+001	1.4085e+004	-3.1639e+000	-2.3821e+004	-1.8387e+003	-1.9917e+006
77	70	-4.6215e+002	1.4905e+004	-3.3797e-001	-3.7728e+003	4.0395e+001	1.9245e+006
	73	-2.4285e+002	1.5625e+004	3.3797e-001	3.7728e+003	2.5240e+002	-2.2363e+006
78	69	-1.0246e+003	6.8829e+003	1.3053e+001	-4.1204e+004	-4.3492e+003	2.6332e+005
	70	6.7207e+002	1.1377e+004	-1.3053e+001	4.1204e+004	-2.4135e+003	-1.4274e+006
79	74	3.3193e+002	2.1118e+004	-2.6364e+000	2.8395e+002	1.0473e+003	2.9526e+006
	77	-1.1519e+003	1.9318e+004	2.6364e+000	-2.8395e+002	1.0333e+003	-2.2422e+006
80	71	-6.6457e+002	2.4008e+004	-1.0744e+000	-7.3094e+003	2.6074e+002	3.2293e+006
	74	-4.6043e+002	2.4762e+004	1.0744e+000	7.3094e+003	6.7103e+002	-3.5566e+006
81	68	-1.2821e+003	1.3526e+004	1.5661e+001	-5.7793e+004	-5.4093e+003	8.3192e+005
	71	6.6958e+002	1.8142e+004	-1.5661e+001	5.7793e+004	-2.6893e+003	-2.0256e+006
82	82	3.3913e+001	1.0089e+004	1.8983e+001	4.8981e+003	-5.1262e+003	1.2591e+006
	84	-6.6766e+002	1.3436e+004	-1.8983e+001	-4.8981e+003	-5.4473e+003	-2.1915e+006
83	80	-6.2577e+000	2.1116e+004	3.1238e+000	8.9940e+003	-1.1861e+003	3.1462e+006
	82	-6.8749e+002	1.9530e+004	-3.1238e+000	-8.9940e+003	-1.5596e+003	-2.4492e+006
84	78	-7.5347e+002	2.0101e+004	6.2754e-001	1.1406e+004	7.0067e+001	2.4827e+006
	80	-2.2028e+002	2.1501e+004	-6.2754e-001	-1.1406e+004	-5.7961e+002	-3.0512e+006
85	75	-4.1339e+002	1.3462e+004	-1.9658e+000	3.5906e+003	8.8223e+002	1.9648e+006
	78	-1.1861e+002	1.3456e+004	1.9658e+000	-3.5906e+003	7.0955e+002	-1.9621e+006
86	72	-4.5365e+002	1.6246e+004	-5.4743e+000	1.6553e+004	2.8744e+003	2.1679e+006
	75	-2.9135e+002	1.6658e+004	5.4743e+000	-1.6553e+004	1.9624e+003	-2.3500e+006
87	67	-9.8444e+002	8.4765e+003	-4.6369e+001	1.0521e+005	1.4663e+004	3.2406e+005
	72	5.6194e+002	1.3821e+004	4.6369e+001	-1.0521e+005	9.8123e+003	-1.7347e+006
95	41	2.7127e+004	8.8983e+003	1.4486e+002	-3.4095e+003	-2.8866e+004	1.6940e+006
	77	-2.3735e+004	-8.8983e+003	-1.4486e+002	3.4095e+003	-3.2555e+004	2.0789e+006
98	38	4.9394e+004	-1.5556e+003	-2.5608e+001	-3.2855e+003	3.2982e+003	-8.0457e+004
	74	-4.5874e+004	1.5556e+003	2.5608e+001	3.2855e+003	7.9693e+003	-6.0400e+005
101	35	4.5823e+004	3.7182e+003	1.6116e+002	-3.1427e+003	-3.0679e+004	5.0699e+005
	71	-4.2143e+004	-3.7182e+003	-1.6116e+002	3.1427e+003	-4.3453e+004	1.2034e+006
104	32	2.5637e+004	3.1286e+003	8.6632e+002	-3.0758e+003	-1.8365e+005	6.4604e+005
	68	-2.1877e+004	-3.1286e+003	-8.6632e+002	3.0758e+003	-2.2352e+005	8.2442e+005
122	47	0.0000e+000	6.3604e+003	-3.3307e-016	3.0993e+003	1.1369e-013	9.1257e+005
	48	0.0000e+000	6.5460e+003	3.3307e-016	-3.0993e+003	1.1369e-013	-1.0013e+006
123	41	-1.1369e-013	1.9781e+003	8.8818e-016	-4.6744e+004	-9.0949e-013	2.5253e+005
	42	1.1369e-013	1.4541e+003	-8.8818e-016	4.6744e+004	-6.8212e-013	-8.9055e+004
124	40	-5.6843e-014	2.0304e+003	2.2204e-016	4.0249e+004	-1.7053e-013	2.2478e+005
	41	5.6843e-014	2.2268e+003	-2.2204e-016	-4.0249e+004	0.0000e+000	-3.0082e+005
125	32	9.0949e-013	4.0969e+003	0.0000e+000	-4.0631e+003	1.1369e-013	7.2795e+005
	31	-9.0949e-013	3.8987e+003	0.0000e+000	4.0631e+003	1.1369e-013	-6.2231e+005
126	33	0.0000e+000	2.8094e+003	1.1102e-015	-6.2542e+001	0.0000e+000	3.3959e+005
	32	0.0000e+000	3.0257e+003	-1.1102e-015	6.2542e+001	0.0000e+000	-4.2372e+005
127	45	4.5475e-013	1.1899e+004	0.0000e+000	8.8152e+004	-7.2760e-012	1.3629e+006
	47	-4.5475e-013	7.7064e+003	0.0000e+000	-8.8152e+004	-7.2760e-012	-2.5974e+005
128	43	4.5475e-013	1.8822e+004	0.0000e+000	1.4047e+004	-1.8190e-012	2.7592e+006
	45	-4.5475e-013	1.8485e+004	0.0000e+000	-1.4047e+004	-1.8190e-012	-2.6103e+006
129	40	0.0000e+000	1.8305e+004	1.7764e-015	-1.0191e+004	0.0000e+000	2.2821e+006
	43	0.0000e+000	1.9118e+004	-1.7764e-015	1.0191e+004	-9.0949e-013	-2.6044e+006
130	37	0.0000e+000	1.2202e+004	-1.3323e-015	1.6546e+004	5.6843e-014	1.6221e+006

	40	0.0000e+000	1.2549e+004	1.3323e-015	-1.6546e+004	4.5475e-013	-1.7598e+006
131	34	0.0000e+000	1.3279e+004	0.0000e+000	1.3139e+003	0.0000e+000	1.7780e+006
	37	0.0000e+000	1.3786e+004	0.0000e+000	-1.3139e+003	-9.0949e-013	-1.9976e+006
132	33	0.0000e+000	6.7890e+003	-1.4211e-014	-2.4658e+004	0.0000e+000	3.9404e+005
	34	0.0000e+000	9.3985e+003	1.4211e-014	2.4658e+004	7.2760e-012	-1.0699e+006
133	38	1.4211e-013	2.0269e+004	-1.3323e-015	-3.0966e+002	4.5475e-013	2.5960e+006
	41	-1.4211e-013	2.0168e+004	1.3323e-015	3.0966e+002	4.5475e-013	-2.5562e+006
134	35	-2.2737e-013	1.4207e+004	1.7764e-015	9.4785e+002	-2.7285e-012	2.0160e+006
	38	2.2737e-013	1.4622e+004	-1.7764e-015	-9.4785e+002	-9.0949e-013	-2.1960e+006
135	32	-4.5475e-013	1.5223e+004	0.0000e+000	-3.3287e+004	-3.6380e-012	1.2037e+006
	35	4.5475e-013	1.5928e+004	0.0000e+000	3.3287e+004	-3.6380e-012	-1.3860e+006
136	46	9.0949e-013	1.2236e+004	1.4211e-014	-9.3819e+004	-1.0914e-011	1.4370e+006
	48	-9.0949e-013	8.5044e+003	-1.4211e-014	9.3819e+004	-1.0914e-011	-3.9806e+005
137	44	-4.5475e-013	1.8798e+004	0.0000e+000	-3.1919e+003	0.0000e+000	2.7713e+006
	46	4.5475e-013	1.8333e+004	0.0000e+000	3.1919e+003	-9.0949e-013	-2.5669e+006
138	42	4.5475e-013	1.8901e+004	-1.7764e-015	8.4050e+003	-9.0949e-013	2.4492e+006
	44	-4.5475e-013	1.9454e+004	1.7764e-015	-8.4050e+003	-9.0949e-013	-2.6737e+006
139	39	4.5475e-013	1.1463e+004	-8.8818e-016	-1.6201e+003	-6.8212e-013	1.4662e+006
	42	-4.5475e-013	1.2217e+004	8.8818e-016	1.6201e+003	-9.0949e-013	-1.7715e+006
140	31	4.5475e-013	9.3527e+003	0.0000e+000	5.1313e+004	0.0000e+000	6.2637e+005
	36	-4.5475e-013	1.0306e+004	0.0000e+000	-5.1313e+004	0.0000e+000	-8.7794e+005
141	54	-2.1650e+002	1.5588e+004	1.7942e+001	3.9491e+004	-5.1321e+003	2.1220e+006
	55	-7.6475e+002	1.3856e+004	-1.7942e+001	-3.9491e+004	-8.3348e+003	-1.4720e+006
142	53	-4.1345e+002	1.8174e+004	4.2407e+000	1.5335e+002	-1.7041e+003	2.5175e+006
	54	-6.9280e+002	1.7493e+004	-4.2407e+000	-1.5335e+002	-1.7157e+003	-2.2430e+006
143	52	-4.1408e+002	2.0069e+004	1.0557e+001	-2.3535e+004	-5.1652e+003	2.8912e+006
	53	-7.9217e+002	1.9059e+004	-1.0557e+001	2.3535e+004	-3.3996e+003	-2.4811e+006
144	51	-1.1030e+003	1.9627e+004	8.2409e+001	-1.9384e+005	-4.1719e+004	1.7763e+006
	52	-4.4125e+002	2.3294e+004	-8.2409e+001	1.9384e+005	-2.4748e+004	-3.2552e+006
145	30	-2.2463e+002	1.5302e+004	-1.9849e+001	-4.3369e+004	5.5039e+003	2.0372e+006
	49	-7.5662e+002	1.3547e+004	1.9849e+001	4.3369e+004	9.0935e+003	-1.3918e+006
146	56	-4.2279e+002	1.7720e+004	-3.7388e+000	-2.2527e+003	1.3908e+003	2.3763e+006
	30	-6.8346e+002	1.7237e+004	3.7388e+000	2.2527e+003	1.5643e+003	-2.1852e+006
147	29	-4.2080e+002	1.9645e+004	-1.1561e+001	2.9953e+004	5.7436e+003	2.7806e+006
	56	-7.8545e+002	1.8714e+004	1.1561e+001	-2.9953e+004	3.4515e+003	-2.4106e+006
148	50	-1.0462e+003	1.9463e+004	-9.3029e+001	2.0725e+005	4.6027e+004	1.8162e+006
	29	-4.9806e+002	2.2605e+004	9.3029e+001	-2.0725e+005	2.7515e+004	-3.0583e+006
159	21	5.4700e+004	2.8231e+003	6.5878e+001	-1.1843e+003	-7.9054e+003	3.5379e+005
	41	-5.1500e+004	-2.8231e+003	-6.5878e+001	1.1843e+003	-1.8446e+004	7.7546e+005
161	20	9.9270e+004	1.7510e+003	-1.3660e+001	-1.1843e+003	-2.2179e+003	2.2682e+005
	38	-9.6070e+004	-1.7510e+003	1.3660e+001	1.1843e+003	7.6818e+003	4.7359e+005
164	19	9.1781e+004	3.4528e+002	2.0924e+001	-1.1843e+003	-1.0336e+004	4.8391e+004
	35	-8.8581e+004	-3.4528e+002	-2.0924e+001	1.1843e+003	1.9669e+003	8.9721e+004
167	18	5.1183e+004	2.0567e+003	3.8479e+002	-1.1843e+003	-6.0394e+004	2.6563e+005
	32	-4.7983e+004	-2.0567e+003	-3.8479e+002	1.1843e+003	-9.3522e+004	5.5705e+005
88	48	3.3464e+004	4.4799e+003	1.4008e+002	-3.5909e+003	3.2401e+005	4.2635e+005
	84	-3.0933e+004	-4.4799e+003	-1.4008e+002	3.5909e+003	-3.7653e+005	1.2536e+006
89	47	3.3878e+004	2.2088e+003	3.9970e+003	-3.5909e+003	-4.6543e+005	-8.2029e+004
	83	-3.1347e+004	-2.2088e+003	-3.9970e+003	3.5909e+003	-1.0334e+006	9.1032e+005
90	46	3.2255e+004	-4.6375e+003	-2.4204e+003	-3.4528e+003	4.2117e+005	-7.3951e+005
	82	-2.9623e+004	4.6375e+003	2.4204e+003	3.4528e+003	5.2277e+005	-1.0691e+006

91	45	3.1328e+004	-4.8591e+003	-3.3033e+003	-3.4528e+003	5.2743e+005	-8.0366e+005
	81	-2.8695e+004	4.8591e+003	3.3033e+003	3.4528e+003	7.6085e+005	-1.0914e+006
92	44	4.5347e+004	2.9555e+002	1.0795e+002	-3.3249e+003	-1.9733e+003	3.4316e+004
	80	-4.2613e+004	-2.9555e+002	-1.0795e+002	3.3249e+003	-4.1745e+004	8.5381e+004
93	43	4.4947e+004	5.0849e+002	2.8106e+002	-3.3249e+003	-3.1626e+004	6.9181e+004
	79	-4.2214e+004	-5.0849e+002	-2.8106e+002	3.3249e+003	-8.2205e+004	1.3676e+005
94	42	3.7762e+004	1.7475e+003	5.9622e+002	-3.1759e+003	-1.0237e+005	3.2634e+005
	78	-3.4900e+004	-1.7475e+003	-5.9622e+002	3.1759e+003	-1.5043e+005	4.1461e+005
96	40	3.8450e+004	6.5109e+002	1.3075e+003	-3.1759e+003	-2.5374e+005	1.2551e+005
	76	-3.5588e+004	-6.5109e+002	-1.3075e+003	3.1759e+003	-3.0063e+005	1.5055e+005
97	39	3.3098e+004	-1.0794e+003	-6.0700e+002	-3.0604e+003	8.0690e+004	-1.3729e+005
	75	-3.0128e+004	1.0794e+003	6.0700e+002	3.0604e+003	1.8639e+005	-3.3764e+005
99	37	3.2437e+004	-1.1681e+003	-8.3482e+002	-3.0604e+003	1.6728e+005	-2.3333e+005
	73	-2.9467e+004	1.1681e+003	8.3482e+002	3.0604e+003	2.0004e+005	-2.8062e+005
100	36	3.3165e+004	1.2344e+003	2.7252e+002	-2.9274e+003	-1.6003e+004	1.3945e+005
	72	-3.0060e+004	-1.2344e+003	-2.7252e+002	2.9274e+003	-1.0935e+005	4.2839e+005
102	34	2.9378e+004	1.4031e+003	1.3784e+003	-2.9274e+003	-2.8065e+005	2.8922e+005
	70	-2.6273e+004	-1.4031e+003	-1.3784e+003	2.9274e+003	-3.5343e+005	3.5620e+005
103	33	1.3675e+004	2.0127e+002	1.3865e+003	-2.8651e+003	-2.9074e+005	3.6978e+004
	69	-1.0503e+004	-2.0127e+002	-1.3865e+003	2.8651e+003	-3.6092e+005	5.7618e+004
105	31	1.6652e+004	2.4255e+003	-8.2889e+002	-2.8651e+003	1.4663e+005	5.2329e+005
	67	-1.3479e+004	-2.4255e+003	8.2889e+002	2.8651e+003	2.4295e+005	6.1671e+005
106	60	6.1750e+004	-1.7473e+002	-4.5180e+002	-2.4116e+003	5.8743e+004	-1.1963e+005
	39	-6.1413e+004	1.7473e+002	4.5180e+002	2.4116e+003	-3.6153e+004	1.1089e+005
107	13	6.6355e+004	3.0892e+002	1.7021e+002	-9.1623e+002	-3.0985e+004	4.3336e+004
	60	-6.3992e+004	-3.0892e+002	-1.7021e+002	9.1623e+002	-2.8588e+004	6.4787e+004
108	61	7.0671e+004	2.1736e+003	1.0467e+003	-3.2992e+003	6.0459e+004	-1.8295e+005
	42	-7.0334e+004	-2.1736e+003	-1.0467e+003	3.2992e+003	-1.1279e+005	2.9163e+005
109	14	7.4929e+004	7.1317e+002	2.3926e+002	-7.8944e+002	-3.6211e+004	9.9354e+004
	61	-7.2567e+004	-7.1317e+002	-2.3926e+002	7.8944e+002	-4.7529e+004	1.5026e+005
110	62	8.3936e+004	7.3787e+002	3.1248e+002	-1.8663e+003	1.6739e+004	-2.0586e+004
	44	-8.3598e+004	-7.3787e+002	-3.1248e+002	1.8663e+003	-3.2363e+004	5.7479e+004
111	15	8.7781e+004	1.2238e+002	8.3683e+001	-9.9413e+002	-1.1008e+004	2.1829e+004
	62	-8.5418e+004	-1.2238e+002	-8.3683e+001	9.9413e+002	-1.8281e+004	2.1002e+004
112	63	6.3161e+004	-2.3708e+003	-1.4567e+003	1.2657e+004	-7.9590e+004	1.1911e+005
	46	-6.2824e+004	2.3708e+003	1.4567e+003	-1.2657e+004	1.5243e+005	-2.3766e+005
113	16	6.6156e+004	-8.9619e+002	-5.7772e+002	-3.0688e+003	8.1216e+004	-1.1106e+005
	63	-6.3793e+004	8.9619e+002	5.7772e+002	3.0688e+003	1.2099e+005	-2.0261e+005
114	64	2.3898e+004	-2.8334e+003	5.5135e+002	-9.2042e+003	1.4379e+005	3.1120e+005
	55	-2.3526e+004	2.8334e+003	-5.5135e+002	9.2042e+003	-1.7412e+005	-4.6704e+005
115	10	2.6843e+004	-1.7234e+003	6.1380e+002	2.0179e+003	-8.4562e+004	-2.3091e+005
	64	-2.4480e+004	1.7234e+003	-6.1380e+002	-2.0179e+003	-1.3027e+005	-3.7228e+005
116	59	3.3633e+004	1.3200e+002	2.1523e+002	1.8106e+002	1.4865e+002	1.3766e+005
	54	-3.3093e+004	-1.3200e+002	-2.1523e+002	-1.8106e+002	-1.7367e+004	-1.2710e+005
117	9	3.7384e+004	-6.8965e+002	-3.5963e+000	5.3015e+002	5.9297e+002	-9.6631e+004
	59	-3.5021e+004	6.8965e+002	3.5963e+000	-5.3015e+002	6.6574e+002	-1.4475e+005
118	57	4.4245e+004	-2.3116e+003	2.7685e+002	5.5816e+002	5.4064e+004	8.9130e+004
	52	-4.3368e+004	2.3116e+003	-2.7685e+002	-5.5816e+002	-9.0054e+004	-3.8963e+005
119	7	4.8868e+004	-7.3520e+002	2.2129e+002	3.6421e+002	-3.3270e+004	-1.1738e+005
	57	-4.6505e+004	7.3520e+002	-2.2129e+002	-3.6421e+002	-4.4182e+004	-1.3994e+005
120	58	3.7961e+004	1.2082e+003	2.5481e+002	3.8241e+003	6.2878e+003	9.6457e+004

	53	-3.7252e+004	-1.2082e+003	-2.5481e+002	-3.8241e+003	-3.3043e+004	3.0409e+004
121	8	4.2221e+004	-5.3880e+002	1.9717e+000	-5.7569e+002	7.9698e+002	-7.6216e+004
	58	-3.9858e+004	5.3880e+002	-1.9717e+000	5.7569e+002	-1.4871e+003	-1.1236e+005
149	1	3.3601e+004	3.4930e+003	-3.2183e+003	3.9300e+002	5.4997e+005	5.9196e+005
	50	-3.0165e+004	-3.4930e+003	3.2183e+003	-3.9300e+002	1.0881e+006	1.1860e+006
150	5	2.5842e+004	-1.5917e+003	-9.6789e+002	4.9392e+002	1.2919e+005	-2.1596e+005
	49	-2.3108e+004	1.5917e+003	9.6789e+002	-4.9392e+002	2.6280e+005	-4.2868e+005
151	4	3.5453e+004	-5.1979e+002	-1.4359e+002	4.6520e+002	2.0889e+004	-7.5461e+004
	30	-3.2551e+004	5.1979e+002	1.4359e+002	-4.6520e+002	4.0856e+004	-1.4805e+005
152	2	4.5496e+004	-8.7027e+002	-5.5942e+002	4.1674e+002	9.2546e+004	-1.4001e+005
	29	-4.2256e+004	8.7027e+002	5.5942e+002	-4.1674e+002	1.7598e+005	-2.7772e+005
153	3	3.9526e+004	-1.1579e+002	-1.1163e+002	4.3964e+002	1.8753e+004	-1.8417e+004
	56	-3.6455e+004	1.1579e+002	1.1163e+002	-4.3964e+002	3.2037e+004	-3.4269e+004
154	6	3.3766e+004	3.4093e+003	3.7026e+003	3.9300e+002	-6.2427e+005	5.8006e+005
	51	-3.0330e+004	-3.4093e+003	-3.7026e+003	-3.9300e+002	-1.2604e+006	1.1553e+006
155	17	5.1215e+004	-7.7350e+002	-2.1315e+003	-1.1032e+003	2.9161e+005	-9.4251e+004
	48	-4.8515e+004	7.7350e+002	2.1315e+003	1.1032e+003	5.6101e+005	-2.1515e+005
156	28	5.0645e+004	-2.3119e+003	5.9862e+001	-1.1032e+003	2.6636e+003	-3.0362e+005
	47	-4.7945e+004	2.3119e+003	-5.9862e+001	1.1032e+003	-2.6608e+004	-6.2114e+005
157	27	6.4411e+004	-1.0410e+003	-4.5352e+002	-1.1032e+003	6.8822e+004	-1.3601e+005
	45	-6.1711e+004	1.0410e+003	4.5352e+002	1.1032e+003	1.1259e+005	-2.8038e+005
158	26	8.5588e+004	2.3650e+002	1.7059e+002	-1.1032e+003	-1.8365e+004	3.1382e+004
	43	-8.2888e+004	-2.3650e+002	-1.7059e+002	1.1032e+003	-4.9872e+004	6.3218e+004
160	25	7.4035e+004	5.0586e+002	7.3077e+002	-1.1032e+003	-9.6579e+004	6.4612e+004
	40	-7.1335e+004	-5.0586e+002	-7.3077e+002	1.1032e+003	-1.9573e+005	1.3773e+005
162	24	6.1125e+004	-2.6663e+002	-2.1492e+002	-1.1032e+003	2.5989e+004	-4.1072e+004
	37	-5.8425e+004	2.6663e+002	2.1492e+002	1.1032e+003	5.9979e+004	-6.5582e+004
163	12	5.8016e+004	-2.2253e+002	-1.2020e+002	-1.1032e+003	3.5986e+003	-3.0409e+004
	36	-5.5316e+004	2.2253e+002	1.2020e+002	1.1032e+003	4.4481e+004	-5.8603e+004
165	23	5.4756e+004	8.8415e+002	7.2887e+002	-1.1032e+003	-1.0368e+005	1.0940e+005
	34	-5.2056e+004	-8.8415e+002	-7.2887e+002	1.1032e+003	-1.8787e+005	2.4426e+005
166	22	2.5974e+004	2.9306e+002	7.6801e+002	-1.1032e+003	-1.1122e+005	2.8856e+004
	33	-2.3274e+004	-2.9306e+002	-7.6801e+002	1.1032e+003	-1.9598e+005	8.8369e+004
168	11	3.2603e+004	1.4711e+003	-5.5728e+001	-1.1032e+003	-7.6543e+003	1.9412e+005
	31	-2.9903e+004	-1.4711e+003	5.5728e+001	1.1032e+003	2.9946e+004	3.9431e+005

REAZIONI "Torcente di piano SLV" (Fase 1)

Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Fx	Fy	Fz	Mx	My	Mz
1	3.1257e+002	7.0312e+002	-1.5110e+001	-2.4183e+005	8.9965e+004	-1.6241e+004
2	4.1674e+002	3.2132e+002	-9.9482e+000	-1.3171e+005	1.0821e+005	-1.7222e+004
3	4.7421e+002	9.7667e+001	1.1778e+001	-3.9799e+004	1.1814e+005	-1.8168e+004
4	5.6998e+002	-2.0013e+002	4.9068e+001	7.2345e+004	1.3345e+005	-1.9225e+004
5	6.2425e+002	-9.3658e+002	6.7139e+001	2.5078e+005	1.4261e+005	-2.0411e+004
6	-3.9060e+002	7.0909e+002	2.5103e+001	-2.4285e+005	-1.2447e+005	-1.6241e+004
7	-6.3567e+002	8.5410e+002	7.5624e+000	-2.1146e+005	-1.5296e+005	-1.7536e+004
8	-4.8032e+002	-5.5087e+001	-1.9543e+001	-1.7558e+004	-1.1880e+005	-1.7139e+004
9	-4.4713e+002	-5.1993e+002	-3.6296e+001	1.1710e+005	-1.0171e+005	-1.6587e+004
10	-3.7194e+002	-1.0925e+003	-7.9753e+001	2.7162e+005	-7.7709e+004	-1.5690e+004
11	-1.1065e+002	2.1894e+003	5.7009e+002	-6.5941e+005	-6.8965e+004	-3.1670e+004
12	5.6215e+002	1.4595e+003	-1.1538e+003	-4.8582e+005	5.7675e+004	-3.1670e+004
13	8.1732e+002	6.5120e+002	2.2121e+002	-2.5065e+005	1.5311e+005	-3.0527e+004
14	1.0155e+003	3.9681e+002	2.6922e+000	-9.8874e+004	2.3563e+005	-3.1816e+004
15	1.1350e+003	4.1279e+001	-1.0191e+002	6.5926e+004	3.0859e+005	-3.2155e+004

16	1.4096e+003	-4.8056e+002	8.9968e+002	2.6204e+005	4.0728e+005	-3.8875e+004
17	1.6919e+003	-1.5196e+003	5.3272e+001	4.8065e+005	4.8451e+005	-3.1670e+004
18	-1.1624e+003	1.7140e+003	-5.8970e+002	-4.2962e+005	-2.7905e+005	-3.3999e+004
19	-3.7622e+002	6.9018e+002	-1.9790e+002	-2.4637e+005	-1.3823e+005	-3.3999e+004
20	-6.4216e+001	2.2841e+002	3.9102e+001	-1.0421e+005	-3.4912e+004	-3.3999e+004
21	2.2422e+002	-1.5641e+002	-6.5248e+001	2.0850e+004	5.9165e+004	-3.3999e+004
22	-2.0489e+003	1.0260e+003	2.4457e+002	-3.2445e+005	-5.6265e+005	-3.1670e+004
23	-1.5363e+003	5.1747e+001	1.1873e+003	-1.2790e+005	-4.4452e+005	-3.1670e+004
24	-1.0137e+003	-3.7626e+002	-2.1118e+002	3.9164e+004	-2.8973e+005	-3.1670e+004
25	-7.1366e+002	-8.1981e+002	-8.0271e+001	1.9947e+005	-1.7265e+005	-3.1670e+004
26	-3.8609e+002	-1.1046e+003	1.9783e+002	3.3861e+005	-5.1896e+004	-3.1670e+004
27	-1.8264e+002	-1.6262e+003	-1.5213e+003	5.2217e+005	5.9536e+004	-3.1670e+004
28	6.6686e+002	-2.2460e+003	5.0553e+002	6.7065e+005	2.2579e+005	-3.1670e+004
123	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

REAZIONI "Torcente di piano SLD" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Fx	Fy	Fz	Mx	My	Mz
1	2.0122e+002	4.5262e+002	-9.7271e+000	-1.5568e+005	5.7914e+004	-1.0455e+004
2	2.6827e+002	2.0684e+002	-6.4040e+000	-8.4789e+004	6.9657e+004	-1.1086e+004
3	3.0527e+002	6.2872e+001	7.5819e+000	-2.5620e+004	7.6051e+004	-1.1696e+004
4	3.6692e+002	-1.2883e+002	3.1587e+001	4.6571e+004	8.5904e+004	-1.2376e+004
5	4.0185e+002	-6.0291e+002	4.3220e+001	1.6144e+005	9.1802e+004	-1.3140e+004
6	-2.5144e+002	4.5647e+002	1.6160e+001	-1.5633e+005	-8.0125e+004	-1.0455e+004
7	-4.0920e+002	5.4981e+002	4.8682e+000	-1.3613e+005	-9.8468e+004	-1.1289e+004
8	-3.0920e+002	-3.5461e+001	-1.2580e+001	-1.1302e+004	-7.6479e+004	-1.1033e+004
9	-2.8783e+002	-3.3469e+002	-2.3365e+001	7.5383e+004	-6.5473e+004	-1.0677e+004
10	-2.3943e+002	-7.0328e+002	-5.1340e+001	1.7485e+005	-5.0024e+004	-1.0100e+004
11	-7.1227e+001	1.4094e+003	3.6699e+002	-4.2448e+005	-4.4395e+004	-2.0387e+004
12	3.6188e+002	9.3953e+002	-7.4273e+002	-3.1274e+005	3.7127e+004	-2.0387e+004
13	5.2614e+002	4.1920e+002	1.4240e+002	-1.6135e+005	9.8560e+004	-1.9651e+004
14	6.5374e+002	2.5544e+002	1.7330e+000	-6.3649e+004	1.5169e+005	-2.0481e+004
15	7.3062e+002	2.6573e+001	-6.5602e+001	4.2439e+004	1.9865e+005	-2.0699e+004
16	9.0742e+002	-3.0935e+002	5.7916e+002	1.6868e+005	2.6218e+005	-2.5025e+004
17	1.0892e+003	-9.7822e+002	3.4293e+001	3.0941e+005	3.1190e+005	-2.0387e+004
18	-7.4829e+002	1.1033e+003	-3.7961e+002	-2.7656e+005	-1.7964e+005	-2.1887e+004
19	-2.4219e+002	4.4429e+002	-1.2740e+002	-1.5860e+005	-8.8985e+004	-2.1887e+004
20	-4.1338e+001	1.4704e+002	2.5172e+001	-6.7086e+004	-2.2474e+004	-2.1887e+004
21	1.4434e+002	-1.0069e+002	-4.2002e+001	1.3422e+004	3.8087e+004	-2.1887e+004
22	-1.3190e+003	6.6049e+002	1.5744e+002	-2.0886e+005	-3.6220e+005	-2.0387e+004
23	-9.8895e+002	3.3311e+001	7.6428e+002	-8.2335e+004	-2.8615e+005	-2.0387e+004
24	-6.5253e+002	-2.4221e+002	-1.3594e+002	2.5211e+004	-1.8651e+005	-2.0387e+004
25	-4.5941e+002	-5.2774e+002	-5.1673e+001	1.2841e+005	-1.1114e+005	-2.0387e+004
26	-2.4854e+002	-7.1108e+002	1.2735e+002	2.1798e+005	-3.3407e+004	-2.0387e+004
27	-1.1757e+002	-1.0469e+003	-9.7928e+002	3.3614e+005	3.8325e+004	-2.0387e+004
28	4.2928e+002	-1.4458e+003	3.2543e+002	4.3172e+005	1.4535e+005	-2.0387e+004
123	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

REAZIONI "Torcente di piano SLO" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Fx	Fy	Fz	Mx	My	Mz
1	2.2828e+002	5.1349e+002	-1.1035e+001	-1.7661e+005	6.5703e+004	-1.1861e+004
2	3.0435e+002	2.3466e+002	-7.2653e+000	-9.6192e+004	7.9025e+004	-1.2578e+004
3	3.4632e+002	7.1327e+001	8.6016e+000	-2.9065e+004	8.6279e+004	-1.3269e+004
4	4.1627e+002	-1.4616e+002	3.5835e+001	5.2834e+004	9.7457e+004	-1.4040e+004
5	4.5590e+002	-6.8400e+002	4.9032e+001	1.8315e+005	1.0415e+005	-1.4907e+004
6	-2.8526e+002	5.1786e+002	1.8333e+001	-1.7735e+005	-9.0902e+004	-1.1861e+004
7	-4.6423e+002	6.2376e+002	5.5229e+000	-1.5443e+005	-1.1171e+005	-1.2807e+004
8	-3.5078e+002	-4.0230e+001	-1.4272e+001	-1.2822e+004	-8.6765e+004	-1.2517e+004
9	-3.2654e+002	-3.7971e+002	-2.6507e+001	8.5521e+004	-7.4279e+004	-1.2113e+004
10	-2.7163e+002	-7.9787e+002	-5.8244e+001	1.9837e+005	-5.6752e+004	-1.1458e+004
11	-8.0806e+001	1.5989e+003	4.1634e+002	-4.8157e+005	-5.0366e+004	-2.3129e+004
12	4.1054e+002	1.0659e+003	-8.4262e+002	-3.5480e+005	4.2121e+004	-2.3129e+004

13	5.9690e+002	4.7558e+002	1.6156e+002	-1.8305e+005	1.1182e+005	-2.2294e+004
14	7.4167e+002	2.8980e+002	1.9661e+000	-7.2209e+004	1.7209e+005	-2.3236e+004
15	8.2888e+002	3.0147e+001	-7.4425e+001	4.8147e+004	2.2537e+005	-2.3483e+004
16	1.0295e+003	-3.5096e+002	6.5705e+002	1.9137e+005	2.9744e+005	-2.8391e+004
17	1.2357e+003	-1.1098e+003	3.8905e+001	3.5103e+005	3.5385e+005	-2.3129e+004
18	-8.4893e+002	1.2517e+003	-4.3067e+002	-3.1376e+005	-2.0380e+005	-2.4830e+004
19	-2.7476e+002	5.0405e+002	-1.4453e+002	-1.7993e+005	-1.0095e+005	-2.4830e+004
20	-4.6898e+001	1.6681e+002	2.8557e+001	-7.6109e+004	-2.5497e+004	-2.4830e+004
21	1.6375e+002	-1.1423e+002	-4.7651e+001	1.5227e+004	4.3209e+004	-2.4830e+004
22	-1.4964e+003	7.4932e+002	1.7861e+002	-2.3695e+005	-4.1091e+005	-2.3129e+004
23	-1.1220e+003	3.7792e+001	8.6707e+002	-9.3408e+004	-3.2464e+005	-2.3129e+004
24	-7.4029e+002	-2.7479e+002	-1.5423e+002	2.8602e+004	-2.1159e+005	-2.3129e+004
25	-5.2120e+002	-5.9872e+002	-5.8623e+001	1.4568e+005	-1.2609e+005	-2.3129e+004
26	-2.8196e+002	-8.0672e+002	1.4447e+002	2.4729e+005	-3.7900e+004	-2.3129e+004
27	-1.3338e+002	-1.1877e+003	-1.1110e+003	3.8135e+005	4.3480e+004	-2.3129e+004
28	4.8702e+002	-1.6403e+003	3.6920e+002	4.8978e+005	1.6490e+005	-2.3129e+004
123	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

REAZIONI "Acc_300" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Fx	Fy	Fz	Mx	My	Mz
1	8.6475e-001	3.5308e+000	-4.5467e-001	-1.2347e+003	2.4222e+002	-5.6701e+001
2	1.0684e+000	1.9406e+000	5.4629e-003	-8.2459e+002	2.7833e+002	-6.0127e+001
3	1.2253e+000	1.2345e+000	1.8646e-002	-5.3458e+002	3.0535e+002	-6.3431e+001
4	1.4918e+000	4.6603e-001	1.8007e-001	-2.0561e+002	3.4763e+002	-6.7119e+001
5	1.4777e+000	-9.6351e-001	-5.5014e-001	2.3589e+002	3.5034e+002	-7.1262e+001
6	-1.4676e+000	3.4847e+000	3.7288e-001	-1.2269e+003	-4.8562e+002	-5.6701e+001
7	-1.8008e+000	1.8510e+000	6.7905e-002	-8.1669e+002	-5.1407e+002	-1.4933e+001
8	-4.0870e+000	1.3483e+001	-1.0857e-001	-2.3113e+003	-8.1082e+002	-2.7229e+002
9	-1.8375e+000	7.3216e-001	-3.2301e-001	-2.4491e+002	-4.4183e+002	-2.1540e+002
10	-9.6020e-001	-4.0056e+000	7.9143e-001	6.3997e+002	-2.7838e+002	8.0432e+001
11	4.7453e+002	2.4627e+002	3.8826e+003	-3.4271e+004	6.5330e+004	-8.5649e+001
12	-2.2110e+002	-1.1388e+002	6.1792e+003	1.3957e+004	-2.7321e+004	-8.5649e+001
13	1.4818e+002	5.6188e+001	9.2957e+003	-8.3313e+003	2.1998e+004	-7.6775e+001
14	4.0138e+002	2.0876e+002	1.2356e+004	-2.8590e+004	5.6360e+004	1.3683e+002
15	3.6539e+001	1.7193e+001	1.6103e+004	-2.5671e+003	7.5614e+003	-1.8652e+002
16	-5.6328e+002	-2.7791e+002	1.2283e+004	3.7303e+004	-7.2611e+004	-2.2709e+002
17	-3.2858e+002	-1.8461e+002	3.5932e+003	2.4927e+004	-4.0904e+004	-8.5649e+001
18	8.4795e+002	6.5567e+002	6.9124e+003	-8.6836e+004	1.1244e+005	-9.1948e+001
19	1.0154e+002	7.0455e+001	1.5803e+004	-1.2364e+004	1.7845e+004	-9.1948e+001
20	6.4081e+002	4.7353e+002	1.8081e+004	-6.3292e+004	8.6481e+004	-9.1948e+001
21	-1.6192e+003	-1.2202e+003	8.8431e+003	1.5187e+005	-2.0027e+005	-9.1948e+001
22	2.1839e+002	1.6812e+002	2.5855e+003	-2.3363e+004	3.0542e+004	-8.5649e+001
23	3.9024e+002	3.1472e+002	8.3014e+003	-4.2730e+004	5.3590e+004	-8.5649e+001
24	-1.7668e+002	-1.4949e+002	9.5388e+003	1.9463e+004	-2.1770e+004	-8.5649e+001
25	4.1160e+002	2.9623e+002	1.2356e+004	-3.9693e+004	5.6876e+004	-8.5649e+001
26	1.3200e+002	6.0330e+001	1.5960e+004	-7.9669e+003	1.9804e+004	-8.5649e+001
27	-6.5620e+002	-4.4702e+002	1.2172e+004	5.9988e+004	-8.5061e+004	-8.5649e+001
28	-2.3406e+002	-1.9610e+002	3.2611e+003	2.6711e+004	-2.8632e+004	-8.5649e+001
123	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

REAZIONI "Acc_150" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Fx	Fy	Fz	Mx	My	Mz
1	1.0504e+003	-3.1290e+001	5.2265e+003	7.8372e+003	1.8785e+005	8.0822e+002
2	-1.6920e+002	-4.4257e+000	9.2688e+003	6.9036e+002	-1.6254e+004	8.5705e+002
3	1.0099e+002	1.0265e+001	7.4269e+003	-4.7806e+003	2.7356e+004	9.0414e+002
4	8.1434e+001	3.1339e+001	6.7453e+003	-1.1666e+004	2.5153e+004	9.5671e+002
5	-4.2413e+002	9.7095e+001	3.7073e+003	-2.4934e+004	-4.2061e+004	1.0158e+003
6	1.1176e+003	1.6494e+002	5.3163e+003	-2.5456e+004	2.0398e+005	8.0822e+002
7	-4.4814e+002	-4.8594e+001	1.6774e+004	5.9716e+003	-4.4052e+004	7.9668e+002
8	-1.5686e+002	-4.3021e+001	1.4062e+004	2.0849e+003	-2.5444e+003	5.1560e+002
9	-2.1436e+002	-4.8554e+001	1.2000e+004	-1.1300e+003	-8.9803e+003	1.2060e+003

10	-9.4847e+002	-1.1088e+002	5.9177e+003	2.2072e+003	-1.0412e+005	1.6466e+003
11	2.5643e+001	3.2891e+001	1.9875e+003	-1.0093e+004	8.0245e+003	-4.3396e+002
12	5.4008e+001	3.7152e+001	5.8928e+003	-9.6158e+003	1.2313e+004	-4.3396e+002
13	-2.7753e+002	-1.8363e+002	1.2809e+004	1.9951e+004	-2.8197e+004	-3.5054e+002
14	-1.2031e+002	-4.6439e+001	1.3105e+004	4.5096e+003	-8.2505e+003	-3.8186e+002
15	-1.8570e+001	4.2197e+000	1.4509e+004	-3.6758e+002	5.5235e+003	-4.0195e+002
16	-4.5766e+002	-2.5007e+002	8.8469e+003	3.3134e+004	-4.8104e+004	-1.3234e+003
17	1.5369e+001	-5.1119e+001	4.9508e+003	9.9539e+003	1.0945e+004	-4.3396e+002
18	8.8709e+000	2.2647e+001	3.2705e+003	-1.2440e+004	1.1491e+004	-4.6587e+002
19	-6.3423e+000	1.6802e-002	9.1117e+003	-8.8633e+003	1.0114e+004	-4.6587e+002
20	1.6892e+002	1.2266e+002	9.7971e+003	-2.3275e+004	3.3260e+004	-4.6587e+002
21	3.7158e+002	2.5749e+002	4.2407e+003	-3.9315e+004	5.9794e+004	-4.6587e+002
22	1.3889e+001	2.6501e+001	1.4381e+003	-6.7765e+003	3.2338e+003	-4.3396e+002
23	2.5057e+000	1.0126e+000	5.1748e+003	-2.4649e+003	2.3981e+003	-4.3396e+002
24	7.2086e+001	4.8417e+001	5.8321e+003	-7.2782e+003	1.2842e+004	-4.3396e+002
25	1.7419e+001	-1.3292e+001	6.9746e+003	2.3359e+003	6.6089e+003	-4.3396e+002
26	1.9136e+001	-6.7289e+000	9.0469e+003	2.8470e+003	7.8939e+003	-4.3396e+002
27	1.5665e+002	7.0497e+001	6.7275e+003	-5.8876e+003	2.7385e+004	-4.3396e+002
28	-3.5009e+001	-8.9089e+001	4.9650e+003	1.6293e+004	2.5560e+003	-4.3396e+002
123	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

REAZIONI "Perma g2" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Fx	Fy	Fz	Mx	My	Mz
1	1.5584e+003	-1.5380e+001	8.1930e+003	1.4201e+003	2.6793e+005	4.4727e+001
2	-3.2176e+002	1.5055e+000	1.5156e+004	-1.7368e+003	-4.7519e+004	4.7429e+001
3	-2.7957e+001	5.8501e+000	1.2566e+004	-2.7294e+003	1.6979e+002	5.0035e+001
4	-8.2261e+001	1.0119e+001	1.1058e+004	-3.7102e+003	-6.8531e+003	5.2944e+001
5	-8.4471e+002	2.7847e+001	6.1353e+003	-6.5137e+003	-1.0847e+005	5.6212e+001
6	1.6047e+003	2.6999e+002	8.3184e+003	-4.6998e+004	2.7604e+005	4.4727e+001
7	-3.5455e+002	-7.6220e+001	1.8392e+004	1.0027e+004	-4.8782e+004	1.5837e+002
8	-2.2902e+002	-4.1582e+001	1.5451e+004	3.8839e+003	-2.7580e+004	-2.0628e+002
9	-3.0701e+002	-6.0308e+001	1.3296e+004	5.9460e+003	-3.6936e+004	4.3030e+001
10	-9.8509e+002	-1.6195e+002	7.1324e+003	1.8791e+004	-1.2571e+005	4.3301e+002
11	5.0084e+002	2.6790e+002	7.6958e+003	-3.9591e+004	6.9676e+004	-2.8934e+002
12	-1.4815e+001	-1.1977e+001	2.0900e+004	-1.5778e+003	1.2589e+003	-2.8934e+002
13	-8.1685e+000	-3.5406e+001	2.5337e+004	2.1244e+003	3.7593e+003	-2.1628e+002
14	3.0930e+002	1.8148e+002	2.8764e+004	-2.5456e+004	4.6315e+004	-1.6157e+002
15	3.9439e+001	2.8336e+001	3.5591e+004	-3.7280e+003	1.0374e+004	-3.6768e+002
16	-7.3130e+002	-3.6814e+002	2.6132e+004	4.9627e+004	-9.0579e+004	-7.3491e+002
17	-5.1364e+002	-3.1086e+002	1.2353e+004	4.3474e+004	-6.2727e+004	-2.8934e+002
18	7.3179e+002	5.7961e+002	1.1881e+004	-7.9905e+004	9.9470e+004	-3.1062e+002
19	3.2336e+002	2.4573e+002	3.5638e+004	-3.7009e+004	4.8031e+004	-3.1062e+002
20	3.6884e+002	2.7020e+002	3.7688e+004	-3.9338e+004	5.4407e+004	-3.1062e+002
21	-1.0977e+003	-8.3048e+002	1.6143e+004	1.0104e+005	-1.3125e+005	-3.1062e+002
22	2.6006e+002	2.1035e+002	5.6753e+003	-3.0276e+004	3.5422e+004	-2.8934e+002
23	4.4451e+002	3.5850e+002	1.9358e+004	-4.9420e+004	6.0471e+004	-2.8934e+002
24	-1.4672e+002	-1.2482e+002	2.2071e+004	1.6027e+004	-1.7583e+004	-2.8934e+002
25	3.8291e+002	2.6616e+002	2.6358e+004	-3.5178e+004	5.3739e+004	-2.8934e+002
26	1.5092e+002	7.6193e+001	3.3135e+004	-8.9253e+003	2.3510e+004	-2.8934e+002
27	-5.8097e+002	-4.0045e+002	2.4992e+004	5.5668e+004	-7.3305e+004	-2.8934e+002
28	-4.2935e+002	-3.6220e+002	1.1925e+004	5.1170e+004	-5.2604e+004	-2.8934e+002
123	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

REAZIONI "Perma" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Fx	Fy	Fz	Mx	My	Mz
1	3.4930e+003	-3.2183e+003	3.3601e+004	5.4997e+005	5.9196e+005	3.9300e+002
2	-8.7027e+002	-5.5942e+002	4.5496e+004	9.2546e+004	-1.4001e+005	4.1674e+002
3	-1.1579e+002	-1.1163e+002	3.9526e+004	1.8753e+004	-1.8417e+004	4.3964e+002
4	-5.1979e+002	-1.4359e+002	3.5453e+004	2.0889e+004	-7.5461e+004	4.6520e+002
5	-1.5917e+003	-9.6789e+002	2.5842e+004	1.2919e+005	-2.1596e+005	4.9392e+002
6	3.4093e+003	3.7026e+003	3.3766e+004	-6.2427e+005	5.8006e+005	3.9300e+002

7	-7.3520e+002	2.2129e+002	4.8868e+004	-3.3270e+004	-1.1738e+005	3.6421e+002
8	-5.3880e+002	1.9717e+000	4.2221e+004	7.9698e+002	-7.6216e+004	-5.7569e+002
9	-6.8965e+002	-3.5963e+000	3.7384e+004	5.9297e+002	-9.6631e+004	5.3015e+002
10	-1.7234e+003	6.1380e+002	2.6843e+004	-8.4562e+004	-2.3091e+005	2.0179e+003
11	1.4711e+003	-5.5728e+001	3.2603e+004	-7.6543e+003	1.9412e+005	-1.1032e+003
12	-2.2253e+002	-1.2020e+002	5.8016e+004	3.5986e+003	-3.0409e+004	-1.1032e+003
13	3.0892e+002	1.7021e+002	6.6355e+004	-3.0985e+004	4.3336e+004	-9.1623e+002
14	7.1317e+002	2.3926e+002	7.4929e+004	-3.6211e+004	9.9354e+004	-7.8944e+002
15	1.2238e+002	8.3683e+001	8.7781e+004	-1.1008e+004	2.1829e+004	-9.9413e+002
16	-8.9619e+002	-5.7772e+002	6.6156e+004	8.1216e+004	-1.1106e+005	-3.0688e+003
17	-7.7350e+002	-2.1315e+003	5.1215e+004	2.9161e+005	-9.4251e+004	-1.1032e+003
18	1.4045e+003	1.5509e+003	5.1183e+004	-2.0883e+005	1.7493e+005	-1.1843e+003
19	2.6258e+002	2.2518e+002	9.1781e+004	-3.7460e+004	3.2330e+004	-1.1843e+003
20	1.4064e+003	1.0432e+003	9.9270e+004	-1.3832e+005	1.7977e+005	-1.1843e+003
21	-2.2145e+003	-1.7522e+003	5.4700e+004	2.1930e+005	-2.7774e+005	-1.1843e+003
22	2.9306e+002	7.6801e+002	2.5974e+004	-1.1122e+005	2.8856e+004	-1.1032e+003
23	8.8415e+002	7.2887e+002	5.4756e+004	-1.0368e+005	1.0940e+005	-1.1032e+003
24	-2.6663e+002	-2.1492e+002	6.1125e+004	2.5989e+004	-4.1072e+004	-1.1032e+003
25	5.0586e+002	7.3077e+002	7.4035e+004	-9.6579e+004	6.4612e+004	-1.1032e+003
26	2.3650e+002	1.7059e+002	8.5588e+004	-1.8365e+004	3.1382e+004	-1.1032e+003
27	-1.0410e+003	-4.5352e+002	6.4411e+004	6.8822e+004	-1.3601e+005	-1.1032e+003
28	-2.3119e+003	5.9862e+001	5.0645e+004	2.6636e+003	-3.0362e+005	-1.1032e+003
123	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000

INFORMAZIONI - ANALISI "_624" (Fase 1)

Equazioni..... 381
Semibanda..... 129
Numero blocchi..... 1
Zero algoritmico..... 9.8103e-005
Tempo totale analisi (sec)..... 6.67e-002
Metodo di combinazione modale.... SRSS

ACCELERAZIONI SISMICHE

Vect.	X	Y	Z	Spettro
1	69.89	0.00	0.00	SLDh
2	0.00	69.89	0.00	SLDh
3	161.68	0.00	0.00	SLVh
4	0.00	161.68	0.00	SLVh
5	54.50	0.00	0.00	SLOh
6	0.00	54.50	0.00	SLOh

Masse abilitate secondo: " X Y "

PERIODI PROPRI - ANALISI "_624" (Fase 1)

modo	periodo(sec)
1	7.659744e-001
2	4.526750e-001
3	3.936195e-001
4	3.432619e-001
5	3.134238e-001
6	2.697834e-001
7	1.758544e-001
8	1.419320e-001

COEFFICIENTI DI PARTECIPAZIONE MODALE - ANALISI "_624" (Fase 1)

Modo	x	y	z
1	-20.54105	33.65846	0.00000
2	31.22303	23.33732	0.00000
3	1.60457	-3.29720	0.00000
4	1.70266	12.68080	0.00000
5	22.52914	-1.29861	0.00000
6	-2.92944	9.55333	0.00000
7	-9.87250	10.06909	0.00000
8	10.82801	9.39884	0.00000

MASSA MODALE RELATIVA - ANALISI "_624" (Fase 1)

Modo	x	y	z	s
1	0.19763	0.53064	0.00000	0.36414
2	0.45663	0.25510	0.00000	0.35587
3	0.00121	0.00509	0.00000	0.00315
4	0.00136	0.07532	0.00000	0.03834
5	0.23774	0.00079	0.00000	0.11927
6	0.00402	0.04275	0.00000	0.02338
7	0.04565	0.04749	0.00000	0.04657
8	0.05492	0.04138	0.00000	0.04815
	0.99916	**0.99856**	**0.00000**	**0.99886**

SMORZAMENTO MODALE - ANALISI "_624" (Fase 1)

Modo	Smorzamento
1	0.00000
2	0.00000
3	0.00000
4	0.00000
5	0.00000
6	0.00000
7	0.00000
8	0.00000

AUTOVETTORE - ANALISI "_624" (Fase 1)

Modo 1

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-1.2987e-003	8.7935e-003	9.4648e-007	-2.9844e-005	-4.7589e-008	-1.8852e-006
30	-1.2987e-003	8.7935e-003	8.6363e-007	-2.3788e-005	-2.9267e-007	-1.8852e-006
31	-6.4262e-003	9.2045e-003	-7.2282e-005	-3.1636e-005	-1.8789e-005	3.1925e-007
32	-6.4262e-003	9.2045e-003	-1.4135e-005	-2.1566e-005	-1.3955e-005	3.1925e-007
33	-6.4262e-003	9.2045e-003	9.9481e-005	-2.9017e-005	-1.9731e-005	3.1925e-007
34	-6.4262e-003	9.2045e-003	-3.2819e-006	-3.5114e-005	-2.5022e-005	3.1925e-007
35	-6.4262e-003	9.2045e-003	-1.2856e-005	-3.4550e-005	-2.4018e-005	3.1925e-007
36	-6.4262e-003	9.2045e-003	1.1679e-005	-3.7162e-005	-2.1596e-005	3.1925e-007

37	-6.4262e-003	9.2045e-003	7.1480e-007	-3.6305e-005	-2.5836e-005	3.1925e-007
38	-6.4262e-003	9.2045e-003	2.6125e-006	-3.5931e-005	-2.4755e-005	3.1925e-007
39	-6.4262e-003	9.2045e-003	-1.1917e-006	-3.9714e-005	-2.3033e-005	3.1925e-007
40	-6.4262e-003	9.2045e-003	9.4313e-005	-3.1363e-005	-2.1934e-005	3.1925e-007
41	-6.4262e-003	9.2045e-003	2.8245e-005	-2.0384e-005	-1.2643e-005	3.1925e-007
42	-6.4262e-003	9.2045e-003	-1.3679e-004	-3.3615e-005	-1.8485e-005	3.1925e-007
43	-6.4262e-003	9.2045e-003	-3.6599e-006	-3.8513e-005	-2.6934e-005	3.1925e-007
44	-6.4262e-003	9.2045e-003	-3.1839e-006	-4.1554e-005	-2.4343e-005	3.1925e-007
45	-6.4262e-003	9.2045e-003	1.7041e-005	-3.8452e-005	-2.7971e-005	3.1925e-007
46	-6.4262e-003	9.2045e-003	-8.9270e-006	-4.1522e-005	-2.3885e-005	3.1925e-007
47	-6.4262e-003	9.2045e-003	4.4892e-005	-3.3441e-005	-2.2639e-005	3.1925e-007
48	-6.4262e-003	9.2045e-003	-4.3387e-005	-3.4363e-005	-2.1181e-005	3.1925e-007
49	-1.2987e-003	8.7935e-003	-1.3063e-005	-1.6142e-005	5.3223e-007	-1.8852e-006
50	-1.2987e-003	8.7935e-003	-1.2988e-005	-2.4904e-005	-8.9562e-007	-1.8852e-006
51	-1.2987e-003	8.7935e-003	9.4956e-006	-2.4178e-005	-6.2067e-006	-1.8852e-006
52	-1.2987e-003	8.7935e-003	7.3291e-007	-2.3499e-005	-4.9601e-006	-1.8852e-006
53	-1.2987e-003	8.7935e-003	-4.1975e-007	-2.0539e-005	-4.6746e-006	-1.8852e-006
54	-1.2987e-003	8.7935e-003	-2.7095e-006	-1.9759e-005	-4.5652e-006	-1.8852e-006
55	-1.2987e-003	8.7935e-003	1.6875e-005	-1.4785e-005	-5.3965e-006	-1.8852e-006
56	-1.2987e-003	8.7935e-003	-3.1981e-007	-2.7760e-005	-1.7451e-007	-1.8852e-006
57	-1.9033e-003	6.8840e-003	4.5648e-007	-2.6134e-005	-6.6737e-006	-1.1383e-006
58	-1.7933e-003	6.3295e-003	-3.2752e-007	-2.2890e-005	-6.0364e-006	-3.5189e-006
59	-1.6294e-003	5.4527e-003	-2.2259e-006	-2.1017e-005	-5.7765e-006	-2.3298e-006
60	-5.3623e-003	6.9589e-003	-1.1312e-006	-3.7012e-005	-2.3249e-005	1.5262e-007
61	-5.6373e-003	7.4100e-003	-1.1968e-004	-3.4223e-005	-2.1077e-005	1.3743e-006
62	-5.5292e-003	7.3380e-003	-2.7817e-006	-3.8705e-005	-2.4262e-005	5.8581e-007
63	-5.6641e-003	7.5953e-003	-7.7373e-006	-3.8711e-005	-2.4262e-005	1.6973e-006
64	-1.4603e-003	4.8016e-003	1.4640e-005	-1.7252e-005	-5.6722e-006	-2.5756e-006
65	-5.3602e-003	6.9534e-003	-9.8076e-004	-3.7077e-005	-2.2513e-005	-1.3795e-007
66	-2.0713e-003	7.7512e-003	-4.8780e-004	-2.5944e-005	-7.3436e-006	-4.6130e-006
67	-1.8261e-002	2.7269e-002	-1.0742e-004	-3.2670e-005	-1.6908e-005	-8.9192e-009
68	-1.8261e-002	2.7269e-002	-1.9980e-005	-1.6476e-005	-9.5397e-006	-8.9192e-009
69	-1.8261e-002	2.7269e-002	1.5258e-004	-2.7510e-005	-1.8820e-005	-8.9192e-009
70	-1.8261e-002	2.7269e-002	-4.4052e-006	-3.7637e-005	-2.7411e-005	-8.9192e-009
71	-1.8261e-002	2.7269e-002	-2.0646e-005	-3.4174e-005	-2.3713e-005	-8.9192e-009
72	-1.8261e-002	2.7269e-002	1.4286e-005	-4.1594e-005	-2.2259e-005	-8.9192e-009
73	-1.8261e-002	2.7269e-002	1.0848e-006	-3.9624e-005	-2.9054e-005	-8.9192e-009
74	-1.8261e-002	2.7269e-002	4.5162e-006	-3.6495e-005	-2.4915e-005	-8.9192e-009
75	-1.8261e-002	2.7269e-002	-1.1251e-006	-4.2432e-005	-2.3087e-005	-8.9192e-009
76	-1.8261e-002	2.7269e-002	1.4093e-004	-3.0880e-005	-2.2007e-005	-8.9192e-009
77	-1.8261e-002	2.7269e-002	3.9447e-005	-1.5043e-005	-7.5542e-006	-8.9192e-009
78	-1.8261e-002	2.7269e-002	-2.0211e-004	-3.1642e-005	-1.5715e-005	-8.9192e-009
79	-1.8261e-002	2.7269e-002	-5.1341e-006	-4.3010e-005	-3.0699e-005	-8.9192e-009
80	-1.8261e-002	2.7269e-002	-5.7153e-006	-4.5405e-005	-2.5225e-005	-8.9192e-009
81	-1.8261e-002	2.7269e-002	2.0574e-005	-4.4910e-005	-3.2551e-005	-8.9192e-009
82	-1.8261e-002	2.7269e-002	-8.2895e-006	-4.8268e-005	-2.6711e-005	-8.9192e-009
83	-1.8261e-002	2.7269e-002	6.0736e-005	-4.0364e-005	-3.3818e-005	-8.9192e-009
84	-1.8261e-002	2.7269e-002	-5.9516e-005	-4.7575e-005	-2.2284e-005	-8.9192e-009
85	-1.2987e-003	8.7935e-003	-1.5549e-003	-2.0920e-005	-1.1682e-006	-1.8852e-006
86	-1.8261e-002	2.7269e-002	-2.8454e-003	-3.2670e-005	-1.6908e-005	-8.9192e-009
87	-1.8261e-002	2.7269e-002	2.4937e-003	-2.7510e-005	-1.8820e-005	-8.9192e-009
88	-1.8261e-002	2.7269e-002	-2.7556e-003	-2.8521e-005	-7.6419e-007	-8.9192e-009
89	-1.8261e-002	2.7269e-002	2.5160e-003	-1.4990e-005	-2.1330e-005	-8.9192e-009
90	-1.8261e-002	2.7269e-002	-4.3279e-003	-2.8521e-005	-7.6419e-007	-8.9192e-009
91	-1.8261e-002	2.7269e-002	4.3752e-003	-1.4990e-005	-2.1330e-005	-8.9192e-009
92	-6.4262e-003	9.2045e-003	-1.0964e-005	-1.7169e-006	2.2373e-006	3.1925e-007
93	-6.4262e-003	9.2045e-003	6.6563e-008	-2.4372e-006	3.3069e-006	3.1925e-007
94	-6.4262e-003	9.2045e-003	4.9794e-006	-2.0674e-006	2.6806e-006	3.1925e-007
95	-6.4262e-003	9.2045e-003	1.4749e-005	1.9892e-008	1.1491e-008	3.1925e-007
96	-6.4262e-003	9.2045e-003	-1.1054e-004	-4.0780e-005	-1.8612e-005	3.1925e-007
97	-6.4262e-003	9.2045e-003	-4.1097e-005	-2.6029e-007	-1.8397e-008	3.1925e-007
98	-1.2987e-003	8.7935e-003	-9.0444e-005	-2.0920e-005	-1.1682e-006	-1.8852e-006
99	-1.2987e-003	8.7935e-003	-7.5988e-005	-2.0196e-005	-5.9028e-006	-1.8852e-006
100	-1.2987e-003	8.7935e-003	4.7458e-004	-8.6040e-006	-5.7333e-006	-1.8852e-006
101	-1.2987e-003	8.7935e-003	-1.5156e-004	-9.9516e-006	1.0064e-006	-1.8852e-006

102	-1.2987e-003	8.7935e-003	-8.4817e-004	-9.9516e-006	1.0064e-006	-1.8852e-006
103	-1.2987e-003	8.7935e-003	1.0769e-003	-8.6040e-006	-5.7333e-006	-1.8852e-006
104	-1.2987e-003	8.7935e-003	1.3377e-003	-2.0196e-005	-5.9028e-006	-1.8852e-006
105	-1.2987e-003	8.7935e-003	-1.1121e-002	-1.8229e-005	-4.1625e-006	-1.8852e-006
106	-1.8261e-002	2.7269e-002	1.3306e-003	-1.4896e-005	-7.5803e-006	-8.9192e-009
107	-2.0236e-003	7.4641e-003	1.0887e-004	-2.5414e-005	-4.6970e-006	2.3085e-006
108	-5.2781e-003	6.7334e-003	3.1886e-004	-3.8632e-005	-1.6852e-005	-5.4237e-007
109	-2.0571e-003	7.6093e-003	-8.1669e-006	-2.4433e-005	-4.3914e-006	-3.3029e-007
110	-5.3265e-003	6.7910e-003	-2.0345e-004	-3.7973e-005	-1.5775e-005	-3.4844e-007
111	-1.8800e-003	6.7465e-003	-5.0769e-005	-2.3160e-005	-5.6723e-006	-1.0241e-005
112	-5.5285e-003	7.1539e-003	-3.3815e-004	-3.5055e-005	-1.9728e-005	7.2448e-006
113	-1.9548e-003	7.0947e-003	9.5888e-005	-2.2707e-005	-4.4376e-006	4.2702e-006
114	-5.2034e-003	6.5422e-003	1.1206e-004	-3.7298e-005	-1.7378e-005	-4.8489e-006
115	-1.9776e-003	7.1763e-003	-1.9783e-005	-2.2222e-005	-3.8263e-006	-1.2826e-007
116	-5.0847e-003	6.3298e-003	-3.4978e-004	-3.9345e-005	-1.7093e-005	-1.1646e-006
117	-1.8391e-003	6.4719e-003	-9.1470e-005	-2.1405e-005	-4.9776e-006	-1.1772e-005
118	-5.1959e-003	6.5740e-003	-4.4734e-004	-3.9300e-005	-2.1279e-005	9.3042e-006
119	-1.7839e-003	6.2348e-003	8.2211e-005	-2.0585e-005	-4.1716e-006	5.1297e-006
120	-1.6014e-003	5.4628e-003	-1.2991e-004	-1.7974e-005	-4.5470e-006	-6.7859e-006
121	-4.8891e-003	5.9905e-003	4.4599e-004	-4.0407e-005	-2.0249e-005	-1.0644e-005
122	-4.4832e-003	5.1897e-003	-3.4807e-004	-4.0666e-005	-1.9595e-005	1.1995e-005
123	-6.4262e-003	9.2045e-003	0.0000e+000	0.0000e+000	0.0000e+000	3.1925e-007
124	-1.6874e-003	5.8220e-003	-7.6538e-005	-1.9512e-005	-3.1695e-006	-2.0159e-006
125	-4.4292e-003	5.0740e-003	5.4151e-005	-4.1566e-005	-1.7530e-005	-2.9594e-006

AUTOVETTORE - ANALISI "_624" (Fase 1)
Modo 2

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-5.4931e-004	7.4438e-003	4.5720e-007	-2.6242e-005	6.5764e-007	-2.1417e-006
30	-5.4931e-004	7.4438e-003	1.8308e-006	-1.8522e-005	5.7577e-007	-2.1417e-006
31	1.2005e-002	7.6268e-003	1.9525e-004	-1.9400e-005	2.3022e-005	-3.0823e-007
32	1.2005e-002	7.6268e-003	2.4827e-004	-2.1189e-005	3.0441e-005	-3.0823e-007
33	1.2005e-002	7.6268e-003	1.9000e-004	-1.5827e-005	2.3429e-005	-3.0823e-007
34	1.2005e-002	7.6268e-003	-1.2418e-004	-1.0351e-005	1.7816e-005	-3.0823e-007
35	1.2005e-002	7.6268e-003	-1.5425e-004	-1.7527e-005	2.7622e-005	-3.0823e-007
36	1.2005e-002	7.6268e-003	-1.2404e-004	-1.5613e-005	1.6347e-005	-3.0823e-007

37	1.2005e-002	7.6268e-003	2.2960e-005	-1.2433e-005	2.2379e-005	-3.0823e-007
38	1.2005e-002	7.6268e-003	3.5814e-005	-1.8820e-005	3.0535e-005	-3.0823e-007
39	1.2005e-002	7.6268e-003	2.6091e-005	-1.5393e-005	2.1083e-005	-3.0823e-007
40	1.2005e-002	7.6268e-003	-4.9300e-006	-1.2341e-005	2.2301e-005	-3.0823e-007
41	1.2005e-002	7.6268e-003	-1.2184e-004	-2.2904e-005	3.4207e-005	-3.0823e-007
42	1.2005e-002	7.6268e-003	7.4160e-006	-1.5563e-005	2.0699e-005	-3.0823e-007
43	1.2005e-002	7.6268e-003	-1.9538e-005	-1.2020e-005	2.4630e-005	-3.0823e-007
44	1.2005e-002	7.6268e-003	-1.5115e-005	-1.5571e-005	2.2129e-005	-3.0823e-007
45	1.2005e-002	7.6268e-003	1.5494e-004	-8.8824e-006	2.2840e-005	-3.0823e-007
46	1.2005e-002	7.6268e-003	1.3458e-004	-1.3764e-005	2.0404e-005	-3.0823e-007
47	1.2005e-002	7.6268e-003	-2.4004e-004	-1.4629e-005	2.9867e-005	-3.0823e-007
48	1.2005e-002	7.6268e-003	-2.1287e-004	-1.8341e-005	2.9045e-005	-3.0823e-007
49	-5.4931e-004	7.4438e-003	-1.2450e-005	-1.1366e-005	1.8566e-006	-2.1417e-006
50	-5.4931e-004	7.4438e-003	-9.4235e-006	-2.2513e-005	3.3650e-007	-2.1417e-006
51	-5.4931e-004	7.4438e-003	9.5462e-006	-2.3545e-005	-5.5389e-006	-2.1417e-006
52	-5.4931e-004	7.4438e-003	3.8534e-007	-3.1260e-005	-6.5330e-006	-2.1417e-006
53	-5.4931e-004	7.4438e-003	-1.7498e-008	-2.5498e-005	-5.4628e-006	-2.1417e-006
54	-5.4931e-004	7.4438e-003	-1.6493e-006	-1.8807e-005	-4.0990e-006	-2.1417e-006
55	-5.4931e-004	7.4438e-003	1.1586e-005	-1.1243e-005	-3.7476e-006	-2.1417e-006
56	-5.4931e-004	7.4438e-003	-7.6448e-008	-2.3249e-005	7.1234e-007	-2.1417e-006
57	-1.2130e-003	4.9068e-003	2.2998e-007	-2.7747e-005	-6.3060e-006	-1.2260e-006
58	-1.1574e-003	4.5724e-003	-9.8762e-009	-2.3369e-005	-5.4372e-006	-7.2489e-007
59	-1.0512e-003	3.9957e-003	-1.3561e-006	-1.8302e-005	-4.4623e-006	-1.6257e-006
60	1.0792e-002	7.0360e-003	2.3567e-005	-2.0407e-005	3.0547e-005	-2.0320e-007
61	1.0928e-002	6.8092e-003	6.4815e-006	-2.0112e-005	2.9762e-005	-6.8283e-007
62	1.0985e-002	6.5861e-003	-1.3323e-005	-1.9951e-005	3.0562e-005	-3.8731e-007
63	1.1138e-002	6.4091e-003	1.1712e-004	-1.9051e-005	3.0828e-005	-1.8452e-007
64	-8.7265e-004	3.2555e-003	1.0046e-005	-1.2545e-005	-3.7346e-006	-1.9317e-006
65	1.0576e-002	7.4814e-003	9.1440e-003	-2.0244e-005	2.8692e-005	-1.8126e-006
66	-1.1576e-003	4.6231e-003	-1.0991e-005	-2.8226e-005	-4.6180e-006	3.1259e-006
67	2.6982e-002	1.6758e-002	2.7396e-004	-1.1448e-005	1.2826e-005	-7.3193e-007
68	2.6982e-002	1.6758e-002	3.5617e-004	-1.2952e-005	1.8908e-005	-7.3193e-007
69	2.6982e-002	1.6758e-002	2.6624e-004	-8.6754e-006	1.3391e-005	-7.3193e-007
70	2.6982e-002	1.6758e-002	-1.7216e-004	-4.7497e-006	9.7316e-006	-7.3193e-007
71	2.6982e-002	1.6758e-002	-2.1806e-004	-9.8841e-006	1.6695e-005	-7.3193e-007
72	2.6982e-002	1.6758e-002	-1.7215e-004	-8.9939e-006	7.9681e-006	-7.3193e-007
73	2.6982e-002	1.6758e-002	3.2986e-005	-6.2254e-006	1.3256e-005	-7.3193e-007
74	2.6982e-002	1.6758e-002	5.3220e-005	-1.1441e-005	1.9752e-005	-7.3193e-007
75	2.6982e-002	1.6758e-002	3.6350e-005	-1.0819e-005	1.1549e-005	-7.3193e-007
76	2.6982e-002	1.6758e-002	-6.4037e-006	-6.7724e-006	1.3600e-005	-7.3193e-007
77	2.6982e-002	1.6758e-002	-1.7276e-004	-1.6315e-005	2.4406e-005	-7.3193e-007
78	2.6982e-002	1.6758e-002	1.1107e-005	-1.0423e-005	1.2561e-005	-7.3193e-007
79	2.6982e-002	1.6758e-002	-2.6410e-005	-6.1791e-006	1.6268e-005	-7.3193e-007
80	2.6982e-002	1.6758e-002	-2.0492e-005	-1.0351e-005	1.4538e-005	-7.3193e-007
81	2.6982e-002	1.6758e-002	2.1500e-004	-3.4734e-006	1.5519e-005	-7.3193e-007
82	2.6982e-002	1.6758e-002	1.8812e-004	-8.6016e-006	1.2848e-005	-7.3193e-007
83	2.6982e-002	1.6758e-002	-3.2789e-004	-8.6099e-006	2.2834e-005	-7.3193e-007
84	2.6982e-002	1.6758e-002	-2.9203e-004	-1.2082e-005	2.0510e-005	-7.3193e-007
85	-5.4931e-004	7.4438e-003	-1.3179e-003	-1.8821e-005	6.1437e-008	-2.1417e-006
86	2.6982e-002	1.6758e-002	1.7705e-004	-1.1448e-005	1.2826e-005	-7.3193e-007
87	2.6982e-002	1.6758e-002	1.5419e-004	-8.6754e-006	1.3391e-005	-7.3193e-007
88	2.6982e-002	1.6758e-002	-7.6155e-003	-1.2779e-005	1.7641e-005	-7.3193e-007
89	2.6982e-002	1.6758e-002	-8.1117e-003	-1.1137e-005	2.0416e-005	-7.3193e-007
90	2.6982e-002	1.6758e-002	-7.5647e-003	-1.2779e-005	1.7641e-005	-7.3193e-007
91	2.6982e-002	1.6758e-002	-8.3622e-003	-1.1137e-005	2.0416e-005	-7.3193e-007
92	1.2005e-002	7.6268e-003	-2.6972e-004	-1.8867e-005	2.3596e-005	-3.0823e-007
93	1.2005e-002	7.6268e-003	-2.6567e-004	-1.4934e-005	2.0824e-005	-3.0823e-007
94	1.2005e-002	7.6268e-003	9.7642e-005	-2.0220e-005	2.6325e-005	-3.0823e-007
95	1.2005e-002	7.6268e-003	1.1479e-004	-1.9821e-009	-1.0307e-006	-3.0823e-007
96	1.2005e-002	7.6268e-003	1.9543e-003	-1.9005e-006	-8.4677e-006	-3.0823e-007
97	1.2005e-002	7.6268e-003	7.8108e-004	3.3636e-006	-2.0148e-006	-3.0823e-007
98	-5.4931e-004	7.4438e-003	-4.5495e-007	-1.8821e-005	6.1437e-008	-2.1417e-006
99	-5.4931e-004	7.4438e-003	-3.7712e-005	-1.9749e-005	-5.2368e-006	-2.1417e-006
100	-5.4931e-004	7.4438e-003	3.0045e-004	-6.7144e-006	-3.9192e-006	-2.1417e-006
101	-5.4931e-004	7.4438e-003	-3.0592e-004	-7.0008e-006	2.0476e-006	-2.1417e-006

102	-5.4931e-004	7.4438e-003	-7.9598e-004	-7.0008e-006	2.0476e-006	-2.1417e-006
103	-5.4931e-004	7.4438e-003	7.7047e-004	-6.7144e-006	-3.9192e-006	-2.1417e-006
104	-5.4931e-004	7.4438e-003	1.3447e-003	-1.9749e-005	-5.2368e-006	-2.1417e-006
105	-5.4931e-004	7.4438e-003	-1.3766e-002	-2.2638e-005	-4.8289e-006	-2.1417e-006
106	2.6982e-002	1.6758e-002	2.0246e-003	-1.6073e-005	2.4327e-005	-7.3193e-007
107	-1.1474e-003	4.5608e-003	7.9200e-005	-2.6461e-005	-5.2287e-006	-2.4875e-007
108	1.0653e-002	7.3586e-003	-2.3232e-003	2.2141e-007	-1.1911e-005	1.4737e-006
109	-1.1509e-003	4.5631e-003	6.2991e-005	-2.5121e-005	-4.8925e-006	8.1992e-008
110	1.0684e-002	7.3124e-003	1.6360e-003	1.8877e-006	-1.5106e-005	-6.8875e-007
111	-1.1467e-003	4.5262e-003	-1.5407e-005	-2.3729e-005	-5.0250e-006	1.6658e-006
112	1.0890e-002	6.9021e-003	1.3817e-003	-1.4696e-005	1.9089e-005	-2.5786e-006
113	-1.1184e-003	4.3702e-003	5.0094e-005	-2.2232e-005	-4.4645e-006	-2.2495e-007
114	1.0833e-002	6.9867e-003	-2.6871e-003	-2.1507e-006	-6.1201e-006	1.7020e-006
115	-1.1129e-003	4.3243e-003	2.9431e-005	-2.0657e-005	-3.9915e-006	1.2459e-007
116	1.0831e-002	6.9586e-003	1.0593e-003	3.4406e-006	-1.6765e-005	-8.1297e-007
117	-1.0773e-003	4.1311e-003	-2.9625e-005	-1.9042e-005	-3.9384e-006	-9.0147e-007
118	1.0968e-002	6.6429e-003	2.3512e-003	-9.5256e-006	9.7349e-006	-6.0276e-007
119	-1.0258e-003	3.9052e-003	2.1678e-005	-1.7359e-005	-3.3373e-006	1.3107e-007
120	-9.1410e-004	3.4465e-003	-6.7617e-005	-1.3436e-005	-3.2000e-006	-1.2852e-006
121	1.1048e-002	6.4828e-003	-2.9931e-003	-5.5253e-006	1.8217e-006	-4.0632e-007
122	1.1206e-002	6.2420e-003	3.1392e-003	-2.8571e-006	-2.8154e-006	1.5919e-006
123	1.2005e-002	7.6268e-003	0.0000e+000	0.0000e+000	0.0000e+000	-3.0823e-007
124	-9.8259e-004	3.7416e-003	-6.0894e-005	-1.5449e-005	-2.9358e-006	-2.4449e-007
125	1.1152e-002	6.3143e-003	-3.4486e-004	4.4599e-006	-1.7773e-005	-1.8652e-007

AUTOVETTORE - ANALISI "_624" (Fase 1)
Modo 3

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	-4.4108e-004	-1.1897e-002	1.1075e-006	5.5220e-005	-5.6005e-006	1.0692e-005
30	-4.4108e-004	-1.1897e-002	-8.4171e-006	8.1829e-006	-6.4123e-006	1.0692e-005
31	1.5770e-003	-6.1090e-004	-3.8609e-005	8.2757e-005	1.9050e-005	1.2420e-005
32	1.5770e-003	-6.1090e-004	6.1545e-005	3.8999e-005	3.0746e-005	1.2420e-005
33	1.5770e-003	-6.1090e-004	8.2308e-006	4.3594e-005	5.9959e-005	1.2420e-005
34	1.5770e-003	-6.1090e-004	-1.0933e-004	4.3359e-005	5.3552e-005	1.2420e-005
35	1.5770e-003	-6.1090e-004	-1.3824e-006	5.0419e-005	3.8990e-005	1.2420e-005
36	1.5770e-003	-6.1090e-004	8.6386e-005	7.2012e-005	2.1377e-005	1.2420e-005

37	1.5770e-003	-6.1090e-004	1.9652e-005	1.1604e-005	3.4395e-005	1.2420e-005
38	1.5770e-003	-6.1090e-004	9.9142e-007	2.3488e-005	1.8462e-005	1.2420e-005
39	1.5770e-003	-6.1090e-004	-1.4782e-005	3.6292e-005	1.2599e-006	1.2420e-005
40	1.5770e-003	-6.1090e-004	1.8082e-005	-1.6275e-005	1.2200e-005	1.2420e-005
41	1.5770e-003	-6.1090e-004	-9.3100e-007	-1.6698e-006	-1.5688e-008	1.2420e-005
42	1.5770e-003	-6.1090e-004	-1.9580e-005	2.4561e-006	-1.4397e-005	1.2420e-005
43	1.5770e-003	-6.1090e-004	-1.8532e-005	-4.8116e-005	-9.0025e-006	1.2420e-005
44	1.5770e-003	-6.1090e-004	5.9474e-006	-3.1462e-005	-3.2974e-005	1.2420e-005
45	1.5770e-003	-6.1090e-004	1.4164e-004	-7.8552e-005	-3.6548e-005	1.2420e-005
46	1.5770e-003	-6.1090e-004	-6.3432e-005	-6.6681e-005	-4.8677e-005	1.2420e-005
47	1.5770e-003	-6.1090e-004	-5.8429e-005	-8.8557e-005	-3.4416e-005	1.2420e-005
48	1.5770e-003	-6.1090e-004	-2.8617e-005	-7.1537e-005	-5.5377e-005	1.2420e-005
49	-4.4108e-004	-1.1897e-002	1.3163e-005	-1.1910e-005	-1.0808e-005	1.0692e-005
50	-4.4108e-004	-1.1897e-002	8.6835e-006	5.6668e-005	-7.2700e-006	1.0692e-005
51	-4.4108e-004	-1.1897e-002	-1.7136e-005	5.9589e-005	1.7462e-005	1.0692e-005
52	-4.4108e-004	-1.1897e-002	-1.5190e-006	6.6561e-005	1.5693e-005	1.0692e-005
53	-4.4108e-004	-1.1897e-002	1.1339e-006	5.0230e-005	1.3334e-005	1.0692e-005
54	-4.4108e-004	-1.1897e-002	3.1227e-006	2.0348e-005	7.4000e-006	1.0692e-005
55	-4.4108e-004	-1.1897e-002	-1.1658e-006	-7.2349e-006	3.0830e-006	1.0692e-005
56	-4.4108e-004	-1.1897e-002	-1.3009e-006	3.3869e-005	-6.6431e-006	1.0692e-005
57	4.8086e-003	-1.0680e-002	-7.3599e-007	5.8770e-005	2.0012e-005	8.3093e-006
58	3.8870e-003	-5.5988e-003	8.5039e-007	4.0952e-005	1.6332e-005	3.6095e-006
59	3.0455e-003	-6.7296e-004	2.5650e-006	1.4526e-005	1.0783e-005	6.2847e-006
60	-2.1945e-003	-1.1027e-002	-1.3333e-005	3.9672e-005	-2.7213e-006	1.0701e-005
61	-5.7569e-003	-3.6751e-003	-1.7124e-005	5.4757e-006	-1.8206e-005	1.3274e-005
62	-9.2694e-003	3.7177e-003	5.2626e-006	-2.7577e-005	-3.5499e-005	1.1843e-005
63	-1.3244e-002	1.1802e-002	-5.5170e-005	-6.1726e-005	-5.2107e-005	1.4434e-005
64	1.9572e-003	5.1714e-003	-1.1979e-006	-1.2975e-005	5.4860e-006	6.6953e-006
65	-3.5363e-004	-1.4701e-002	-5.0846e-003	3.9588e-005	-1.7660e-006	1.6683e-005
66	5.3205e-003	-1.3322e-002	2.0276e-003	5.9017e-005	1.9143e-005	1.0068e-005
67	7.1425e-004	3.8107e-003	-5.5315e-005	5.9517e-005	1.4354e-005	3.1692e-005
68	7.1425e-004	3.8107e-003	9.0483e-005	2.2059e-005	1.8082e-005	3.1692e-005
69	7.1425e-004	3.8107e-003	1.0604e-005	3.0634e-005	4.0916e-005	3.1692e-005
70	7.1425e-004	3.8107e-003	-1.5709e-004	3.4620e-005	3.8606e-005	3.1692e-005
71	7.1425e-004	3.8107e-003	-2.8445e-006	3.5532e-005	2.8223e-005	3.1692e-005
72	7.1425e-004	3.8107e-003	1.2470e-004	5.5848e-005	1.8930e-005	3.1692e-005
73	7.1425e-004	3.8107e-003	2.9039e-005	9.1346e-006	2.4185e-005	3.1692e-005
74	7.1425e-004	3.8107e-003	1.8085e-006	1.7023e-005	1.4177e-005	3.1692e-005
75	7.1425e-004	3.8107e-003	-2.1259e-005	3.1243e-005	3.0420e-006	3.1692e-005
76	7.1425e-004	3.8107e-003	2.9422e-005	-1.5176e-005	5.0373e-006	3.1692e-005
77	7.1425e-004	3.8107e-003	-4.2931e-006	-1.6483e-006	3.8293e-007	3.1692e-005
78	7.1425e-004	3.8107e-003	-2.8458e-005	1.9283e-006	-1.0287e-005	3.1692e-005
79	7.1425e-004	3.8107e-003	-2.5511e-005	-4.9624e-005	-1.7595e-005	3.1692e-005
80	7.1425e-004	3.8107e-003	7.2946e-006	-3.3796e-005	-2.9938e-005	3.1692e-005
81	7.1425e-004	3.8107e-003	1.9189e-004	-8.3981e-005	-4.6074e-005	3.1692e-005
82	7.1425e-004	3.8107e-003	-8.2291e-005	-7.4753e-005	-4.9967e-005	3.1692e-005
83	7.1425e-004	3.8107e-003	-8.5553e-005	-9.5552e-005	-5.8155e-005	3.1692e-005
84	7.1425e-004	3.8107e-003	-3.5244e-005	-9.4128e-005	-5.3348e-005	3.1692e-005
85	-4.4108e-004	-1.1897e-002	2.8539e-003	4.7284e-005	-6.3738e-006	1.0692e-005
86	7.1425e-004	3.8107e-003	4.1759e-003	5.9517e-005	1.4354e-005	3.1692e-005
87	7.1425e-004	3.8107e-003	-3.4746e-003	3.0634e-005	4.0916e-005	3.1692e-005
88	7.1425e-004	3.8107e-003	-3.8755e-003	-5.3178e-005	-1.9580e-006	3.1692e-005
89	7.1425e-004	3.8107e-003	3.8749e-004	-3.5569e-005	-3.2871e-005	3.1692e-005
90	7.1425e-004	3.8107e-003	-6.8294e-003	-5.3178e-005	-1.9580e-006	3.1692e-005
91	7.1425e-004	3.8107e-003	4.0009e-003	-3.5569e-005	-3.2871e-005	3.1692e-005
92	1.5770e-003	-6.1090e-004	9.8597e-005	3.6137e-006	-3.9621e-006	1.2420e-005
93	1.5770e-003	-6.1090e-004	1.3325e-004	9.2182e-006	-1.2693e-005	1.2420e-005
94	1.5770e-003	-6.1090e-004	-4.1461e-005	3.1821e-006	-4.2724e-006	1.2420e-005
95	1.5770e-003	-6.1090e-004	-9.7335e-005	1.0462e-007	6.2328e-007	1.2420e-005
96	1.5770e-003	-6.1090e-004	-1.2430e-003	4.0443e-005	2.3751e-005	1.2420e-005
97	1.5770e-003	-6.1090e-004	-5.1204e-004	-2.1277e-006	1.3317e-006	1.2420e-005
98	-4.4108e-004	-1.1897e-002	-4.5596e-004	4.7284e-005	-6.3738e-006	1.0692e-005
99	-4.4108e-004	-1.1897e-002	3.3683e-004	4.9922e-005	1.6499e-005	1.0692e-005
100	-4.4108e-004	-1.1897e-002	-4.3051e-004	-2.6185e-006	1.3893e-006	1.0692e-005
101	-4.4108e-004	-1.1897e-002	1.3464e-003	-6.6156e-006	-8.7982e-006	1.0692e-005

102	-4.4108e-004	-1.1897e-002	8.8335e-004	-6.6156e-006	-8.7982e-006	1.0692e-005
103	-4.4108e-004	-1.1897e-002	-2.4721e-004	-2.6185e-006	1.3893e-006	1.0692e-005
104	-4.4108e-004	-1.1897e-002	-3.1577e-003	4.9922e-005	1.6499e-005	1.0692e-005
105	-4.4108e-004	-1.1897e-002	2.7414e-002	4.4536e-005	1.2071e-005	1.0692e-005
106	7.1425e-004	3.8107e-003	1.6679e-004	-1.6291e-006	3.7817e-007	3.1692e-005
107	4.3569e-003	-8.2492e-003	-5.8157e-004	5.5018e-005	8.7240e-006	8.2419e-006
108	-2.7718e-003	-9.8784e-003	1.2790e-003	1.7584e-005	1.4725e-005	4.2037e-006
109	3.9973e-003	-6.2658e-003	2.1902e-004	4.9666e-005	6.8021e-006	8.8405e-006
110	-3.6124e-003	-8.1467e-003	-8.4724e-004	6.2903e-006	1.1641e-005	8.7326e-006
111	3.8088e-003	-5.2551e-003	3.0218e-004	4.2611e-005	1.3696e-005	-1.0426e-005
112	-5.3243e-003	-4.6886e-003	-7.4883e-004	4.5359e-006	-1.1548e-005	2.6564e-005
113	3.2428e-003	-2.2613e-003	-6.0188e-004	3.6040e-005	6.4112e-006	1.6340e-005
114	-5.6685e-003	-3.8840e-003	1.3595e-003	-1.2392e-005	-3.0470e-006	-2.3580e-006
115	2.8250e-003	9.4222e-005	1.1895e-004	2.8228e-005	2.0084e-006	9.4838e-006
116	-6.4278e-003	-2.3297e-003	-7.0102e-004	-2.6013e-005	-2.6940e-006	6.2463e-006
117	2.7079e-003	8.6751e-004	4.7989e-004	1.8771e-005	6.3344e-006	-1.9922e-005
118	-7.9446e-003	7.5173e-004	-1.3946e-003	-2.9141e-005	-2.2079e-005	3.5280e-005
119	2.3249e-003	2.9114e-003	-5.3216e-004	1.0591e-005	2.3801e-006	2.2784e-005
120	1.8347e-003	5.6851e-003	5.0081e-004	-8.1778e-006	7.1159e-007	-6.8002e-006
121	-8.3220e-003	1.7062e-003	1.6920e-003	-4.1241e-005	-2.2587e-005	-1.7771e-005
122	-9.4433e-003	4.0850e-003	-1.5922e-003	-6.2910e-005	-2.9705e-005	3.8749e-005
123	1.5770e-003	-6.1090e-004	0.0000e+000	0.0000e+000	0.0000e+000	1.2420e-005
124	2.0994e-003	4.2081e-003	1.1968e-004	2.1672e-006	-3.3657e-006	3.5560e-006
125	-8.2447e-003	1.5913e-003	2.2280e-004	-5.6502e-005	-1.6680e-005	1.2972e-006

SPOSTAMENTI NODALI "Dinamica SLDh X" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	4.6674e-001	-4.0789e-001	-2.5525e-004	1.1350e-003	3.5778e-004	1.1346e-004
30	4.4706e-001	-2.2911e-001	6.9595e-004	8.5425e-004	4.1908e-004	1.1346e-004
31	3.5743e-001	-3.2750e-001	5.4194e-003	1.0385e-003	7.9722e-004	-2.0322e-005
32	3.4818e-001	-3.2778e-001	6.3883e-003	8.2367e-004	8.7685e-004	-2.0322e-005
33	3.4178e-001	-3.2831e-001	5.6503e-003	9.2421e-004	8.2720e-004	-2.0322e-005
34	3.4494e-001	-3.2901e-001	-3.1911e-003	1.0379e-003	8.5033e-004	-2.0322e-005
35	3.5156e-001	-3.2822e-001	-3.9792e-003	1.0859e-003	9.8623e-004	-2.0322e-005
36	3.6005e-001	-3.2765e-001	-3.2062e-003	1.1390e-003	7.4537e-004	-2.0322e-005

37	3.5053e-001	-3.3063e-001	5.9084e-004	1.0831e-003	9.3464e-004	-2.0322e-005
38	3.5738e-001	-3.2945e-001	9.2452e-004	1.1330e-003	1.0539e-003	-2.0322e-005
39	3.6453e-001	-3.2854e-001	6.7262e-004	1.2156e-003	8.5159e-004	-2.0322e-005
40	3.5580e-001	-3.3263e-001	-2.7005e-003	9.4817e-004	8.4711e-004	-2.0322e-005
41	3.6283e-001	-3.3109e-001	-3.2317e-003	-8.2606e-004	9.4800e-004	-2.0322e-005
42	3.6869e-001	-3.3004e-001	3.9201e-003	1.0430e-003	7.4793e-004	-2.0322e-005
43	3.6126e-001	-3.3511e-001	-5.1267e-004	1.1416e-003	9.9393e-004	-2.0322e-005
44	3.7301e-001	-3.3221e-001	-4.0021e-004	1.2513e-003	8.9743e-004	-2.0322e-005
45	3.6743e-001	-3.3846e-001	4.0138e-003	1.1243e-003	9.9055e-004	-2.0322e-005
46	3.7779e-001	-3.3528e-001	3.4730e-003	1.2379e-003	8.6166e-004	-2.0322e-005
47	3.7142e-001	-3.4065e-001	-6.2984e-003	1.0309e-003	1.0027e-003	-2.0322e-005
48	3.8089e-001	-3.3760e-001	-5.6105e-003	1.0901e-003	9.6239e-004	-2.0322e-005
49	4.1437e-001	-1.8602e-001	-1.8254e-003	6.0872e-004	8.2909e-004	1.1346e-004
50	4.9083e-001	-5.1052e-001	1.7206e-003	9.7833e-004	6.3410e-004	1.1346e-004
51	6.1625e-001	-5.1458e-001	1.3643e-003	1.0728e-003	8.8455e-004	1.1346e-004
52	5.7055e-001	-4.1133e-001	-1.6201e-004	1.4863e-003	5.8678e-004	1.1346e-004
53	5.4274e-001	-3.0877e-001	2.1556e-004	1.1356e-003	6.4015e-004	1.1346e-004
54	5.1539e-001	-2.3182e-001	8.3232e-004	8.5162e-004	5.8976e-004	1.1346e-004
55	4.6871e-001	-1.9023e-001	-2.0908e-003	5.6585e-004	9.5701e-004	1.1346e-004
56	4.5738e-001	-3.0862e-001	9.6510e-005	1.0139e-003	4.5561e-004	1.1346e-004
57	4.2458e-001	-2.3445e-001	-6.4369e-005	1.1917e-003	1.3905e-003	-7.4441e-005
58	4.3795e-001	-2.1668e-001	1.6591e-004	9.7793e-004	1.3313e-003	1.2473e-004
59	4.5474e-001	-1.9281e-001	6.8529e-004	8.1026e-004	1.2765e-003	9.9759e-005
60	3.1913e-001	-2.7213e-001	6.0747e-004	1.1928e-003	1.0288e-003	-2.3246e-005
61	3.2611e-001	-2.7785e-001	3.4298e-003	1.1100e-003	9.7396e-004	-6.2684e-005
62	3.2603e-001	-2.7278e-001	-3.5258e-004	1.2210e-003	1.0491e-003	-2.5290e-005
63	3.3157e-001	-2.7636e-001	3.0226e-003	1.2135e-003	1.0560e-003	-6.1889e-005
64	4.5569e-001	-1.8633e-001	-1.8388e-003	6.5781e-004	1.3654e-003	1.1833e-004
65	3.1621e-001	-2.9783e-001	2.3747e-001	1.1931e-003	9.8099e-004	-4.0215e-004
66	4.2009e-001	-2.7199e-001	3.0536e-001	1.2034e-003	1.3318e-003	-5.3667e-004
67	8.8534e-001	-9.6603e-001	7.6868e-003	1.0206e-003	5.9686e-004	5.4636e-005
68	8.7499e-001	-9.3738e-001	9.1888e-003	5.9067e-004	5.6587e-004	5.4636e-005
69	8.7189e-001	-9.4016e-001	8.1381e-003	8.4304e-004	6.6033e-004	5.4636e-005
70	8.7135e-001	-9.3350e-001	-4.4333e-003	1.1180e-003	8.5110e-004	5.4636e-005
71	8.8018e-001	-9.3933e-001	-5.6487e-003	1.0401e-003	8.2190e-004	5.4636e-005
72	8.8270e-001	-9.5466e-001	-4.4560e-003	1.2567e-003	6.8620e-004	5.4636e-005
73	8.6423e-001	-9.0586e-001	8.5112e-004	1.1719e-003	9.2129e-004	5.4636e-005
74	8.7265e-001	-9.1122e-001	1.3806e-003	1.1101e-003	8.9132e-004	5.4636e-005
75	8.7855e-001	-9.1966e-001	9.3836e-004	1.2763e-003	7.3643e-004	5.4636e-005
76	8.5762e-001	-8.8259e-001	-4.0487e-003	9.1397e-004	7.3172e-004	5.4636e-005
77	8.6622e-001	-8.8756e-001	-4.5896e-003	-6.0866e-004	6.7106e-004	5.4636e-005
78	8.7412e-001	-8.9135e-001	5.8098e-003	9.6066e-004	5.5919e-004	5.4636e-005
79	8.4760e-001	-8.5513e-001	-6.9567e-004	1.2574e-003	9.8631e-004	5.4636e-005
80	8.6612e-001	-8.5907e-001	-5.5459e-004	1.3468e-003	8.2227e-004	5.4636e-005
81	8.4241e-001	-8.3298e-001	5.5693e-003	1.3032e-003	1.0247e-003	5.4636e-005
82	8.6270e-001	-8.3178e-001	4.8568e-003	1.4159e-003	8.4158e-004	5.4636e-005
83	8.2628e-001	-8.1623e-001	-8.6151e-003	1.1883e-003	1.1429e-003	5.4636e-005
84	8.5224e-001	-8.0761e-001	-7.7113e-003	1.4104e-003	8.3596e-004	5.4636e-005
85	4.8716e-001	-5.1032e-001	8.4789e-002	8.1640e-004	6.4011e-004	1.1346e-004
86	8.8613e-001	-9.6685e-001	8.4395e-002	1.0206e-003	5.9686e-004	5.4636e-005
87	8.7145e-001	-9.3952e-001	-7.3829e-002	8.4304e-004	6.6033e-004	5.4636e-005
88	8.7442e-001	-8.2573e-001	-2.1299e-001	8.8860e-004	4.5797e-004	5.4636e-005
89	8.3883e-001	-8.4413e-001	-2.2245e-001	5.2059e-004	8.1265e-004	5.4636e-005
90	8.7549e-001	-8.2590e-001	-2.3272e-001	8.8860e-004	4.5797e-004	5.4636e-005
91	8.3776e-001	-8.4404e-001	-2.5092e-001	5.2059e-004	8.1265e-004	5.4636e-005
92	3.5325e-001	-3.2807e-001	-6.9326e-003	-4.8631e-004	6.0843e-004	-2.0322e-005
93	3.5662e-001	-3.2783e-001	-6.8226e-003	-3.8957e-004	5.4275e-004	-2.0322e-005
94	3.5919e-001	-3.2919e-001	2.5117e-003	-5.2214e-004	6.7975e-004	-2.0322e-005
95	3.5619e-001	-3.2856e-001	2.9835e-003	-6.1802e-007	-2.6470e-005	-2.0322e-005
96	3.6300e-001	-3.2816e-001	5.0461e-002	1.1731e-003	5.7891e-004	-2.0322e-005
97	3.5887e-001	-3.2839e-001	2.0165e-002	8.6904e-005	-5.1689e-005	-2.0322e-005
98	4.9175e-001	-5.1032e-001	4.6341e-002	8.1640e-004	6.4011e-004	1.1346e-004
99	6.1785e-001	-5.1417e-001	5.3357e-002	9.0305e-004	8.7261e-004	1.1346e-004
100	4.6476e-001	-1.9808e-001	-1.2812e-001	3.3374e-004	9.0657e-004	1.1346e-004
101	4.1198e-001	-1.9335e-001	-1.1494e-001	3.7434e-004	8.0074e-004	1.1346e-004

102	4.0741e-001	-1.9335e-001	-1.2594e-001	3.7434e-004	8.0074e-004	1.1346e-004
103	4.7024e-001	-1.9808e-001	-1.3587e-001	3.3374e-004	9.0657e-004	1.1346e-004
104	6.2391e-001	-5.1417e-001	5.6815e-002	9.0305e-004	8.7261e-004	1.1346e-004
105	5.0132e-001	-3.2343e-001	6.4562e-001	1.0019e-003	6.1521e-004	1.1346e-004
106	8.6560e-001	-8.8860e-001	6.5387e-002	-6.0120e-004	6.6935e-004	5.4636e-005
107	4.2349e-001	-2.4937e-001	-8.0389e-002	1.2891e-003	-2.9004e-004	-1.4502e-004
108	3.1625e-001	-2.7726e-001	-6.0477e-002	1.1110e-003	5.7543e-004	-1.2098e-004
109	4.2778e-001	-2.5364e-001	5.5983e-002	1.2314e-003	-3.9141e-004	6.1906e-005
110	3.1769e-001	-2.7795e-001	4.2459e-002	1.0910e-003	5.9878e-004	5.3995e-005
111	4.3534e-001	-2.2659e-001	4.9062e-002	1.0267e-003	9.2308e-004	4.7651e-004
112	3.2389e-001	-2.7423e-001	3.6796e-002	1.0746e-003	7.4811e-004	-3.5901e-004
113	4.3901e-001	-2.3562e-001	-9.1989e-002	1.0486e-003	-1.8094e-004	-2.0202e-004
114	3.1900e-001	-2.6538e-001	-6.9193e-002	1.0701e-003	5.2217e-004	2.3547e-004
115	4.4465e-001	-2.3882e-001	3.0177e-002	1.0257e-003	-4.9577e-004	1.6779e-005
116	3.1760e-001	-2.6139e-001	2.8981e-002	1.1303e-003	6.5227e-004	5.9301e-005
117	4.5101e-001	-2.1807e-001	7.9146e-002	8.7122e-004	5.2779e-004	4.5911e-004
118	3.2135e-001	-2.5783e-001	6.1760e-002	1.1517e-003	6.5916e-004	-3.7529e-004
119	4.5363e-001	-2.1189e-001	-8.3458e-002	8.3964e-004	1.7894e-004	-1.9723e-004
120	4.5574e-001	-1.9776e-001	8.4974e-002	6.8429e-004	4.9415e-004	2.4085e-004
121	3.1946e-001	-2.4381e-001	-7.7953e-002	1.1663e-003	5.8210e-004	4.2550e-004
122	3.1869e-001	-2.2674e-001	8.1282e-002	1.1690e-003	5.6743e-004	-4.6443e-004
123	3.6095e-001	-3.3074e-001	0.0000e+000	0.0000e+000	0.0000e+000	-2.0322e-005
124	4.5531e-001	-2.0495e-001	2.7091e-002	8.2347e-004	-5.6405e-004	8.5942e-005
125	3.1719e-001	-2.2742e-001	-9.0358e-003	1.1974e-003	6.7816e-004	1.2334e-004

SPOSTAMENTI NODALI "Dinamica SLDh Y" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	1.7259e-001	6.5035e-001	6.7609e-005	-1.8110e-003	1.3756e-004	-1.9740e-004
30	1.6509e-001	3.8875e-001	2.4124e-004	-1.4446e-003	1.5902e-004	-1.9740e-004
31	-3.7619e-001	4.3669e-001	5.0494e-003	-1.5606e-003	-9.8356e-004	4.3939e-005
32	-3.6478e-001	4.4022e-001	4.8193e-003	-1.1022e-003	-8.8020e-004	4.3939e-005
33	-3.5863e-001	4.4390e-001	5.9387e-003	-1.4016e-003	-1.0460e-003	4.3939e-005
34	-3.6146e-001	4.4792e-001	-2.4072e-003	-1.6614e-003	-1.2315e-003	4.3939e-005
35	-3.6864e-001	4.4338e-001	-3.0368e-003	-1.6629e-003	-1.2467e-003	4.3939e-005
36	-3.7987e-001	4.3909e-001	-2.4884e-003	-1.7870e-003	-1.0586e-003	4.3939e-005

37	-3.6742e-001	4.5607e-001	4.4590e-004	-1.7133e-003	-1.2854e-003	4.3939e-005
38	-3.7611e-001	4.5028e-001	7.0377e-004	-1.7207e-003	-1.2964e-003	4.3939e-005
39	-3.8653e-001	4.4527e-001	5.1765e-004	-1.9153e-003	-1.1508e-003	4.3939e-005
40	-3.7400e-001	4.6517e-001	4.4155e-003	-1.4836e-003	-1.1102e-003	4.3939e-005
41	-3.8395e-001	4.5824e-001	-2.6875e-003	-1.0490e-003	8.8247e-004	4.3939e-005
42	-3.9313e-001	4.5325e-001	-6.4113e-003	-1.6079e-003	-9.5054e-004	4.3939e-005
43	-3.8162e-001	4.7570e-001	-4.1493e-004	-1.8184e-003	-1.3436e-003	4.3939e-005
44	-4.0031e-001	4.6332e-001	-3.3522e-004	-1.9659e-003	-1.2188e-003	4.3939e-005
45	-3.9110e-001	4.8918e-001	3.1057e-003	-1.8216e-003	-1.3842e-003	4.3939e-005
46	-4.0863e-001	4.7641e-001	2.6594e-003	-1.9674e-003	-1.1962e-003	4.3939e-005
47	-3.9762e-001	4.9768e-001	-5.0702e-003	-1.6122e-003	-1.2102e-003	4.3939e-005
48	-4.1419e-001	4.8580e-001	-4.5851e-003	-1.6572e-003	-1.1556e-003	4.3939e-005
49	1.5448e-001	3.4574e-001	-1.0621e-003	-1.0998e-003	2.8937e-004	-1.9740e-004
50	1.7969e-001	8.1487e-001	-6.6433e-004	-1.5657e-003	-2.0288e-004	-1.9740e-004
51	-1.9888e-001	8.1743e-001	7.8846e-004	-1.6188e-003	-3.7435e-004	-1.9740e-004
52	-1.6128e-001	6.5478e-001	4.4119e-005	-2.1536e-003	-4.2519e-004	-1.9740e-004
53	-1.3146e-001	4.9902e-001	5.7654e-005	-1.6932e-003	-3.1917e-004	-1.9740e-004
54	-1.0890e-001	3.9036e-001	-1.6103e-004	-1.4128e-003	-2.5642e-004	-1.9740e-004
55	-8.9767e-002	3.4668e-001	9.4355e-004	-1.0814e-003	-2.8834e-004	-1.9740e-004
56	1.6903e-001	4.9885e-001	-3.7994e-005	-1.6398e-003	1.6701e-004	-1.9740e-004
57	-1.1402e-001	3.6362e-001	2.4137e-005	-1.8891e-003	-4.1793e-004	-1.3189e-004
58	-1.0623e-001	3.4257e-001	4.4521e-005	-1.5756e-003	-3.3758e-004	-2.1470e-004
59	-9.6029e-002	3.1935e-001	-1.3248e-004	-1.4071e-003	-2.9594e-004	-1.8958e-004
60	-3.2898e-001	3.5508e-001	4.6755e-004	-1.8020e-003	-1.2359e-003	-3.7197e-005
61	-3.4146e-001	3.7280e-001	-5.6094e-003	-1.6511e-003	-1.1421e-003	-8.8812e-005
62	-3.3960e-001	3.6924e-001	-2.9495e-004	-1.8519e-003	-1.2861e-003	-4.0630e-005
63	-3.4812e-001	3.8201e-001	2.3145e-003	-1.8590e-003	-1.2981e-003	1.2532e-004
64	-8.7797e-002	3.4045e-001	8.1609e-004	-1.2600e-003	-3.0184e-004	-2.2458e-004
65	-3.3268e-001	3.7674e-001	1.8443e-001	-1.8040e-003	-1.1887e-003	-5.6293e-004
66	-1.2260e-001	4.0021e-001	5.9431e-002	-1.8837e-003	-4.3332e-004	-5.2712e-004
67	-1.0318e+000	1.4387e+000	7.2878e-003	-1.6255e-003	-8.4445e-004	-1.2520e-004
68	-1.0262e+000	1.3836e+000	6.9388e-003	-8.3912e-004	-5.8743e-004	-1.2520e-004
69	-1.0526e+000	1.3934e+000	8.8522e-003	-1.3420e-003	-9.5983e-004	-1.2520e-004
70	-1.0482e+000	1.3870e+000	-3.3485e-003	-1.8172e-003	-1.3429e-003	-1.2520e-004
71	-1.0368e+000	1.3924e+000	-4.3399e-003	-1.6618e-003	-1.1847e-003	-1.2520e-004
72	-1.0301e+000	1.4205e+000	-3.4598e-003	-2.0309e-003	-1.0774e-003	-1.2520e-004
73	-1.0175e+000	1.3431e+000	6.4342e-004	-1.8924e-003	-1.4152e-003	-1.2520e-004
74	-1.0132e+000	1.3476e+000	1.0578e-003	-1.7592e-003	-1.2455e-003	-1.2520e-004
75	-1.0143e+000	1.3604e+000	7.2097e-004	-2.0384e-003	-1.1143e-003	-1.2520e-004
76	-9.9429e-001	1.3101e+000	6.6122e-003	-1.4642e-003	-1.0749e-003	-1.2520e-004
77	-9.9703e-001	1.3136e+000	-3.8097e-003	-7.8210e-004	5.9439e-004	-1.2520e-004
78	-1.0027e+000	1.3166e+000	-9.4882e-003	-1.5125e-003	-7.7808e-004	-1.2520e-004
79	-9.6858e-001	1.2725e+000	-5.6608e-004	-2.0303e-003	-1.4809e-003	-1.2520e-004
80	-9.8711e-001	1.2695e+000	-4.8877e-004	-2.1509e-003	-1.2206e-003	-1.2520e-004
81	-9.5100e-001	1.2463e+000	4.2831e-003	-2.1204e-003	-1.5629e-003	-1.2520e-004
82	-9.7777e-001	1.2340e+000	3.7041e-003	-2.2806e-003	-1.2855e-003	-1.2520e-004
83	-9.2851e-001	1.2307e+000	-6.9294e-003	-1.9180e-003	-1.6560e-003	-1.2520e-004
84	-9.7134e-001	1.2052e+000	-6.3112e-003	-2.2569e-003	-1.1320e-003	-1.2520e-004
85	1.9053e-001	8.1502e-001	-8.8706e-002	-1.3099e-003	-1.9220e-004	-1.9740e-004
86	-1.0319e+000	1.4403e+000	-1.3828e-001	-1.6255e-003	-8.4445e-004	-1.2520e-004
87	-1.0538e+000	1.3924e+000	1.2099e-001	-1.3420e-003	-9.5983e-004	-1.2520e-004
88	-1.0196e+000	1.2461e+000	-1.9773e-001	-1.3675e-003	3.4754e-004	-1.2520e-004
89	-9.5358e-001	1.2904e+000	-1.9722e-001	-7.4127e-004	-1.0811e-003	-1.2520e-004
90	-1.0213e+000	1.2454e+000	-2.5192e-001	-1.3675e-003	3.4754e-004	-1.2520e-004
91	-9.5224e-001	1.2914e+000	2.6237e-001	-7.4127e-004	-1.0811e-003	-1.2520e-004
92	-3.7071e-001	4.4238e-001	-5.2610e-003	-3.7218e-004	4.6617e-004	4.3939e-005
93	-3.7508e-001	4.4062e-001	-5.1721e-003	-3.1218e-004	4.3381e-004	4.3939e-005
94	-3.7864e-001	4.4890e-001	1.9146e-003	-4.0239e-004	5.2380e-004	4.3939e-005
95	-3.7452e-001	4.4540e-001	2.3764e-003	1.0053e-006	-2.0125e-005	4.3939e-005
96	-3.8421e-001	4.4294e-001	3.9264e-002	-1.9279e-003	-8.9980e-004	4.3939e-005
97	-3.7820e-001	4.4438e-001	1.5691e-002	6.7710e-005	-3.9067e-005	4.3939e-005
98	1.7919e-001	8.1502e-001	-1.3910e-002	-1.3099e-003	-1.9220e-004	-1.9740e-004
99	-2.0081e-001	8.1734e-001	1.0491e-002	-1.3569e-003	-3.5378e-004	-1.9740e-004
100	-8.7292e-002	3.6933e-001	2.6436e-002	-6.2575e-004	-3.1889e-004	-1.9740e-004
101	1.5532e-001	3.6753e-001	-3.9497e-002	-6.6121e-004	2.6731e-004	-1.9740e-004

102	1.6671e-001	3.6753e-001	-6.8074e-002	-6.6121e-004	2.6731e-004	-1.9740e-004
103	-9.1436e-002	3.6933e-001	6.1680e-002	-6.2575e-004	-3.1889e-004	-1.9740e-004
104	-2.1266e-001	8.1734e-001	9.5640e-002	-1.3569e-003	-3.5378e-004	-1.9740e-004
105	-1.0057e-001	5.2081e-001	-9.0792e-001	-1.5046e-003	-2.7896e-004	-1.9740e-004
106	-9.9701e-001	1.3148e+000	7.4765e-002	-7.7376e-004	5.9387e-004	-1.2520e-004
107	-1.1913e-001	3.7443e-001	-1.4971e-002	-1.7650e-003	-3.7531e-004	2.0141e-004
108	-3.2823e-001	3.5373e-001	-4.7900e-002	-1.8159e-003	-8.2994e-004	1.8964e-004
109	-1.2031e-001	3.8131e-001	1.3410e-002	-1.6626e-003	-3.6770e-004	-6.1726e-005
110	-3.3111e-001	3.5732e-001	3.3111e-002	-1.7803e-003	-8.0041e-004	-7.0214e-005
111	-1.1086e-001	3.5236e-001	9.8364e-003	-1.5858e-003	-3.1584e-004	-7.0330e-004
112	-3.3774e-001	3.6335e-001	3.1129e-002	-1.6677e-003	-9.9364e-004	-5.6689e-004
113	-1.1440e-001	3.6110e-001	-1.8114e-002	-1.4996e-003	-3.1428e-004	3.0202e-004
114	-3.2877e-001	3.4411e-001	-5.2765e-002	-1.7456e-003	-8.2169e-004	3.7196e-004
115	-1.1515e-001	3.6592e-001	7.0633e-003	-1.4334e-003	-3.4472e-004	-3.0548e-005
116	-3.2619e-001	3.3940e-001	2.6179e-002	-1.8428e-003	-8.6266e-004	-1.0654e-004
117	-1.0816e-001	3.4058e-001	1.5933e-002	-1.4052e-003	-2.6984e-004	-7.8125e-004
118	-3.2944e-001	3.4140e-001	5.0239e-002	-1.8490e-003	-1.0155e-003	-6.8414e-004
119	-1.0468e-001	3.3631e-001	-1.7243e-002	-1.3521e-003	-2.6653e-004	3.1340e-004
120	-9.3981e-002	3.4160e-001	1.5962e-002	-1.2584e-003	-2.5756e-004	-4.8223e-004
121	-3.2233e-001	3.2418e-001	-6.1794e-002	-1.8975e-003	-9.5091e-004	8.2169e-004
122	-3.1760e-001	3.1773e-001	6.2979e-002	-1.9159e-003	-9.2384e-004	-9.7105e-004
123	-3.8116e-001	4.5662e-001	0.0000e+000	0.0000e+000	0.0000e+000	4.3939e-005
124	-9.7533e-002	3.4523e-001	-4.9225e-003	-1.2869e-003	-3.2428e-004	1.8408e-004
125	-3.1698e-001	3.2007e-001	-7.2539e-003	-1.9563e-003	-8.8910e-004	2.9619e-004

SPOSTAMENTI NODALI "Dinamica SLVh X" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	4.3967e-001	-4.1857e-001	-2.4073e-004	1.1653e-003	3.3706e-004	1.1189e-004
30	4.2113e-001	-2.3560e-001	6.5586e-004	8.7875e-004	3.9477e-004	1.1189e-004
31	3.6914e-001	-3.3804e-001	5.6031e-003	1.0731e-003	8.2439e-004	-2.0640e-005
32	3.5957e-001	-3.3835e-001	6.6044e-003	8.5134e-004	9.0670e-004	-2.0640e-005
33	3.5293e-001	-3.3890e-001	5.8405e-003	9.5537e-004	8.5507e-004	-2.0640e-005
34	3.5621e-001	-3.3962e-001	-3.2993e-003	1.0730e-003	8.7904e-004	-2.0640e-005
35	3.6307e-001	-3.3882e-001	-4.1136e-003	1.1225e-003	1.0198e-003	-2.0640e-005
36	3.7184e-001	-3.3821e-001	-3.3143e-003	1.1771e-003	7.7071e-004	-2.0640e-005

37	3.6200e-001	-3.4127e-001	6.1074e-004	1.1199e-003	9.6642e-004	-2.0640e-005
38	3.6908e-001	-3.4008e-001	9.5547e-004	1.1714e-003	1.0899e-003	-2.0640e-005
39	3.7646e-001	-3.3914e-001	6.9510e-004	1.2541e-003	8.8040e-004	-2.0640e-005
40	3.6745e-001	-3.4330e-001	-2.7908e-003	9.8050e-004	8.7601e-004	-2.0640e-005
41	3.7470e-001	-3.4174e-001	-3.3408e-003	-8.5421e-004	9.8035e-004	-2.0640e-005
42	3.8075e-001	-3.4068e-001	4.0507e-003	1.0776e-003	7.7342e-004	-2.0640e-005
43	3.7309e-001	-3.4581e-001	-5.3004e-004	1.1804e-003	1.0278e-003	-2.0640e-005
44	3.8519e-001	-3.4288e-001	-4.1348e-004	1.2937e-003	9.2793e-004	-2.0640e-005
45	3.7945e-001	-3.4919e-001	4.1491e-003	1.1623e-003	1.0242e-003	-2.0640e-005
46	3.9011e-001	-3.4598e-001	3.5892e-003	1.2799e-003	8.9075e-004	-2.0640e-005
47	3.8355e-001	-3.5140e-001	-6.5110e-003	1.0656e-003	1.0368e-003	-2.0640e-005
48	3.9329e-001	-3.4832e-001	-5.7993e-003	1.1271e-003	9.9486e-004	-2.0640e-005
49	3.9034e-001	-1.8822e-001	-1.7319e-003	6.1868e-004	7.8115e-004	1.1189e-004
50	4.6237e-001	-5.2151e-001	1.6314e-003	1.0011e-003	5.9733e-004	1.1189e-004
51	5.8252e-001	-5.2505e-001	1.2944e-003	1.0838e-003	8.3874e-004	1.1189e-004
52	5.3896e-001	-4.2133e-001	-1.5291e-004	1.4695e-003	5.6055e-004	1.1189e-004
53	5.1230e-001	-3.1814e-001	2.0308e-004	1.1335e-003	6.0856e-004	1.1189e-004
54	4.8616e-001	-2.3839e-001	7.8480e-004	8.6233e-004	5.6003e-004	1.1189e-004
55	4.4191e-001	-1.9220e-001	-1.9839e-003	5.7580e-004	9.0465e-004	1.1189e-004
56	4.3086e-001	-3.1791e-001	9.0984e-005	1.0445e-003	4.2919e-004	1.1189e-004
57	4.0077e-001	-2.4225e-001	-6.0931e-005	1.2058e-003	1.3140e-003	7.2816e-005
58	4.1325e-001	-2.2381e-001	1.5631e-004	9.9583e-004	1.2574e-003	1.2529e-004
59	4.2890e-001	-1.9822e-001	6.4615e-004	8.2941e-004	1.2053e-003	9.9782e-005
60	3.2948e-001	-2.8074e-001	6.2779e-004	1.2308e-003	1.0634e-003	-2.2635e-005
61	3.3669e-001	-2.8665e-001	3.5440e-003	1.1466e-003	1.0067e-003	-6.2119e-005
62	3.3660e-001	-2.8138e-001	-3.6428e-004	1.2618e-003	1.0843e-003	-2.5813e-005
63	3.4231e-001	-2.8503e-001	3.1238e-003	1.2539e-003	1.0913e-003	-6.2233e-005
64	4.2965e-001	-1.8838e-001	-1.7444e-003	6.6842e-004	1.2884e-003	1.1772e-004
65	3.2611e-001	-3.0429e-001	2.4533e-001	1.2311e-003	1.0136e-003	-3.7935e-004
66	3.9666e-001	-2.7770e-001	2.8765e-001	1.2167e-003	1.2585e-003	-5.0973e-004
67	9.1546e-001	-9.9726e-001	7.9446e-003	1.0481e-003	6.1488e-004	5.4114e-005
68	9.0454e-001	-9.6830e-001	9.4954e-003	6.0817e-004	5.8347e-004	5.4114e-005
69	9.0095e-001	-9.7144e-001	8.4077e-003	8.6700e-004	6.7902e-004	5.4114e-005
70	9.0057e-001	-9.6479e-001	-4.5820e-003	1.1495e-003	8.7489e-004	5.4114e-005
71	9.0999e-001	-9.7055e-001	-5.8365e-003	1.0698e-003	8.4618e-004	5.4114e-005
72	9.1278e-001	-9.8595e-001	-4.6042e-003	1.2913e-003	7.0620e-004	5.4114e-005
73	8.9349e-001	-9.3655e-001	8.7940e-004	1.2064e-003	9.4818e-004	5.4114e-005
74	9.0235e-001	-9.4192e-001	1.4259e-003	1.1428e-003	9.1836e-004	5.4114e-005
75	9.0851e-001	-9.5041e-001	9.6938e-004	1.3137e-003	7.5891e-004	5.4114e-005
76	8.8681e-001	-9.1265e-001	-4.1816e-003	9.4217e-004	7.5418e-004	5.4114e-005
77	8.9576e-001	-9.1771e-001	-4.7426e-003	-6.2771e-004	6.9231e-004	5.4114e-005
78	9.0391e-001	-9.2151e-001	6.0002e-003	9.8988e-004	5.7694e-004	5.4114e-005
79	8.7651e-001	-8.8429e-001	-7.1898e-004	1.2967e-003	1.0170e-003	5.4114e-005
80	8.9557e-001	-8.8833e-001	-5.7271e-004	1.3883e-003	8.4822e-004	5.4114e-005
81	8.7113e-001	-8.6126e-001	5.7554e-003	1.3446e-003	1.0571e-003	5.4114e-005
82	8.9191e-001	-8.6014e-001	5.0177e-003	1.4606e-003	8.6844e-004	5.4114e-005
83	8.5440e-001	-8.4380e-001	-8.9033e-003	1.2266e-003	1.1795e-003	5.4114e-005
84	8.8102e-001	-8.3506e-001	-7.9683e-003	1.4557e-003	8.6280e-004	5.4114e-005
85	4.5893e-001	-5.2115e-001	8.3335e-002	8.3602e-004	6.0305e-004	1.1189e-004
86	9.1629e-001	-9.9807e-001	8.6740e-002	1.0481e-003	6.1488e-004	5.4114e-005
87	9.0046e-001	-9.7080e-001	-7.5901e-002	8.6700e-004	6.7902e-004	5.4114e-005
88	9.0390e-001	-8.5372e-001	-2.1982e-001	9.1706e-004	4.7269e-004	5.4114e-005
89	8.6734e-001	-8.7252e-001	-2.2960e-001	5.3740e-004	8.3865e-004	5.4114e-005
90	9.0498e-001	-8.5391e-001	-2.4017e-001	9.1706e-004	4.7269e-004	5.4114e-005
91	8.6624e-001	-8.7241e-001	-2.5898e-001	5.3740e-004	8.3865e-004	5.4114e-005
92	3.6482e-001	-3.3866e-001	-7.1674e-003	-5.0288e-004	6.2917e-004	-2.0640e-005
93	3.6829e-001	-3.3840e-001	-7.0535e-003	-4.0280e-004	5.6119e-004	-2.0640e-005
94	3.7095e-001	-3.3981e-001	2.5967e-003	-5.3988e-004	7.0284e-004	-2.0640e-005
95	3.6786e-001	-3.3916e-001	3.0837e-003	-6.3261e-007	-2.7367e-005	-2.0640e-005
96	3.7488e-001	-3.3874e-001	5.2140e-002	1.2115e-003	5.9773e-004	-2.0640e-005
97	3.7063e-001	-3.3898e-001	2.0836e-002	8.9812e-005	-5.3450e-005	-2.0640e-005
98	4.6322e-001	-5.2115e-001	4.3659e-002	8.3602e-004	6.0305e-004	1.1189e-004
99	5.8405e-001	-5.2449e-001	5.0263e-002	9.1161e-004	8.2699e-004	1.1189e-004
100	4.3812e-001	-1.9906e-001	-1.2085e-001	3.3936e-004	8.5775e-004	1.1189e-004
101	3.8809e-001	-1.9456e-001	-1.0832e-001	3.8058e-004	7.5459e-004	1.1189e-004

102	3.8381e-001	-1.9456e-001	-1.1938e-001	3.8058e-004	7.5459e-004	1.1189e-004
103	4.4338e-001	-1.9906e-001	-1.2891e-001	3.3936e-004	8.5775e-004	1.1189e-004
104	5.8993e-001	-5.2449e-001	5.7854e-002	9.1161e-004	8.2699e-004	1.1189e-004
105	4.7245e-001	-3.3303e-001	6.4103e-001	1.0007e-003	5.8405e-004	1.1189e-004
106	8.9512e-001	-9.1877e-001	6.7423e-002	-6.2001e-004	6.9055e-004	5.4114e-005
107	3.9981e-001	-2.5674e-001	-7.5729e-002	1.2861e-003	-2.8492e-004	-1.3952e-004
108	3.2626e-001	-2.8533e-001	-6.2503e-002	1.1471e-003	5.9398e-004	-1.1528e-004
109	4.0386e-001	-2.6103e-001	5.2731e-002	1.2286e-003	-3.7633e-004	5.8594e-005
110	3.2773e-001	-2.8597e-001	4.3888e-002	1.1268e-003	6.1826e-004	5.1742e-005
111	4.1085e-001	-2.3397e-001	4.6212e-002	1.0403e-003	8.7386e-004	4.6614e-004
112	3.3436e-001	-2.8284e-001	3.8037e-002	1.1100e-003	7.7315e-004	-3.5078e-004
113	4.1433e-001	-2.4287e-001	-8.6647e-002	1.0541e-003	-1.8535e-004	-1.9739e-004
114	3.2916e-001	-2.7324e-001	-7.1516e-002	1.1056e-003	5.3950e-004	2.3024e-004
115	4.1965e-001	-2.4588e-001	2.8424e-002	1.0284e-003	-4.7127e-004	1.6534e-005
116	3.2768e-001	-2.6897e-001	2.9962e-002	1.1679e-003	6.7404e-004	5.8375e-005
117	4.2552e-001	-2.2456e-001	7.4551e-002	8.8580e-004	5.0262e-004	4.5570e-004
118	3.3170e-001	-2.6580e-001	6.3844e-002	1.1901e-003	6.8110e-004	-3.7156e-004
119	4.2794e-001	-2.1774e-001	-7.8610e-002	8.5101e-004	1.7976e-004	-1.9625e-004
120	4.2978e-001	-2.0134e-001	8.0050e-002	6.9629e-004	4.6999e-004	2.4183e-004
121	3.2972e-001	-2.5116e-001	-8.0586e-002	1.2051e-003	6.0147e-004	4.2126e-004
122	3.2884e-001	-2.3295e-001	8.4024e-002	1.2078e-003	5.8616e-004	-4.6180e-004
123	3.7276e-001	-3.4139e-001	0.0000e+000	0.0000e+000	0.0000e+000	-2.0640e-005
124	4.2944e-001	-2.0966e-001	2.5541e-002	8.2853e-004	-5.3360e-004	8.4635e-005
125	3.2722e-001	-2.3339e-001	-9.3339e-003	1.2371e-003	7.0097e-004	1.2164e-004

SPOSTAMENTI NODALI "Dinamica SLVh Y" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	1.6283e-001	6.5331e-001	6.6526e-005	-1.8199e-003	1.2978e-004	-1.9076e-004
30	1.5576e-001	3.8968e-001	2.2848e-004	-1.4488e-003	1.5008e-004	-1.9076e-004
31	-3.8855e-001	4.5071e-001	5.2198e-003	-1.6093e-003	-1.0170e-003	4.3584e-005
32	-3.7675e-001	4.5467e-001	4.9812e-003	-1.1375e-003	-9.0969e-004	4.3584e-005
33	-3.7018e-001	4.5860e-001	6.1347e-003	-1.4477e-003	-1.0795e-003	4.3584e-005
34	-3.7323e-001	4.6279e-001	-2.4875e-003	-1.7168e-003	-1.2720e-003	4.3584e-005
35	-3.8077e-001	4.5805e-001	-3.1368e-003	-1.7176e-003	-1.2885e-003	4.3584e-005
36	-3.9230e-001	4.5343e-001	-2.5659e-003	-1.8446e-003	-1.0944e-003	4.3584e-005

37	-3.7951e-001	4.7116e-001	4.6068e-004	-1.7714e-003	-1.3287e-003	4.3584e-005
38	-3.8847e-001	4.6523e-001	7.2659e-004	-1.7787e-003	-1.3405e-003	4.3584e-005
39	-3.9907e-001	4.6004e-001	5.3295e-004	-1.9743e-003	-1.1897e-003	4.3584e-005
40	-3.8630e-001	4.8037e-001	4.5642e-003	-1.5342e-003	-1.1480e-003	4.3584e-005
41	-3.9645e-001	4.7336e-001	-2.7781e-003	-1.0846e-003	9.1250e-004	4.3584e-005
42	-4.0572e-001	4.6828e-001	-6.6259e-003	-1.6609e-003	-9.8292e-004	4.3584e-005
43	-3.9409e-001	4.9094e-001	-4.2885e-004	-1.8800e-003	-1.3894e-003	4.3584e-005
44	-4.1294e-001	4.7850e-001	-3.4502e-004	-2.0326e-003	-1.2598e-003	4.3584e-005
45	-4.0368e-001	5.0438e-001	3.2089e-003	-1.8820e-003	-1.4307e-003	4.3584e-005
46	-4.2127e-001	4.9165e-001	2.7426e-003	-2.0336e-003	-1.2354e-003	4.3584e-005
47	-4.1024e-001	5.1283e-001	-5.2407e-003	-1.6647e-003	-1.2505e-003	4.3584e-005
48	-4.2683e-001	5.0102e-001	-4.7362e-003	-1.7125e-003	-1.1926e-003	4.3584e-005
49	1.4576e-001	3.4056e-001	-1.0387e-003	-1.0887e-003	2.7336e-004	-1.9076e-004
50	1.6954e-001	8.1485e-001	-6.8157e-004	-1.5678e-003	-1.9205e-004	-1.9076e-004
51	-1.9972e-001	8.1695e-001	7.7048e-004	-1.6115e-003	-3.7676e-004	-1.9076e-004
52	-1.6269e-001	6.5649e-001	4.4183e-005	-2.0983e-003	-4.1620e-004	-1.9076e-004
53	-1.3308e-001	5.0286e-001	5.4951e-005	-1.6603e-003	-3.1813e-004	-1.9076e-004
54	-1.0998e-001	3.9187e-001	-1.6158e-004	-1.3963e-003	-2.6034e-004	-1.9076e-004
55	-8.9799e-002	3.4182e-001	9.5492e-004	-1.0643e-003	-2.9372e-004	-1.9076e-004
56	1.5947e-001	5.0252e-001	-3.6373e-005	-1.6519e-003	1.5757e-004	-1.9076e-004
57	-1.1442e-001	3.7126e-001	2.4569e-005	-1.8686e-003	-4.1912e-004	-1.2691e-004
58	-1.0673e-001	3.4850e-001	4.2444e-005	-1.5647e-003	-3.4321e-004	-2.1415e-004
59	-9.6526e-002	3.2148e-001	-1.3292e-004	-1.3981e-003	-3.0395e-004	-1.8507e-004
60	-3.3946e-001	3.6676e-001	4.8142e-004	-1.8585e-003	-1.2776e-003	-3.6652e-005
61	-3.5225e-001	3.8500e-001	-5.7972e-003	-1.7061e-003	-1.1803e-003	-8.9098e-005
62	-3.5015e-001	3.8112e-001	-3.0357e-004	-1.9144e-003	-1.3284e-003	-4.1692e-005
63	-3.5876e-001	3.9402e-001	2.3868e-003	-1.9206e-003	-1.3397e-003	1.2356e-004
64	-8.7975e-002	3.3572e-001	8.2626e-004	-1.2398e-003	-3.0751e-004	-2.1832e-004
65	-3.4217e-001	3.8608e-001	1.9020e-001	-1.8607e-003	-1.2288e-003	-5.3063e-004
66	-1.2310e-001	4.0933e-001	5.6844e-002	-1.8632e-003	-4.3560e-004	-5.0563e-004
67	-1.0669e+000	1.4810e+000	7.5317e-003	-1.6674e-003	-8.7027e-004	-1.2187e-004
68	-1.0598e+000	1.4268e+000	7.1672e-003	-8.6264e-004	-6.0539e-004	-1.2187e-004
69	-1.0851e+000	1.4381e+000	9.1383e-003	-1.3799e-003	-9.8565e-004	-1.2187e-004
70	-1.0815e+000	1.4325e+000	-3.4584e-003	-1.8694e-003	-1.3806e-003	-1.2187e-004
71	-1.0713e+000	1.4370e+000	-4.4789e-003	-1.7092e-003	-1.2197e-003	-1.2187e-004
72	-1.0652e+000	1.4641e+000	-3.5633e-003	-2.0868e-003	-1.1096e-003	-1.2187e-004
73	-1.0513e+000	1.3884e+000	6.6431e-004	-1.9502e-003	-1.4575e-003	-1.2187e-004
74	-1.0476e+000	1.3924e+000	1.0910e-003	-1.8121e-003	-1.2841e-003	-1.2187e-004
75	-1.0489e+000	1.4046e+000	7.4193e-004	-2.1000e-003	-1.1498e-003	-1.2187e-004
76	-1.0280e+000	1.3548e+000	6.8323e-003	-1.5113e-003	-1.1089e-003	-1.2187e-004
77	-1.0310e+000	1.3581e+000	-3.9359e-003	-8.0644e-004	6.1316e-004	-1.2187e-004
78	-1.0366e+000	1.3608e+000	-9.8031e-003	-1.5602e-003	-8.0365e-004	-1.2187e-004
79	-1.0016e+000	1.3157e+000	-5.8482e-004	-2.0968e-003	-1.5290e-003	-1.2187e-004
80	-1.0200e+000	1.3128e+000	-5.0305e-004	-2.2207e-003	-1.2607e-003	-1.2187e-004
81	-9.8324e-001	1.2878e+000	4.4238e-003	-2.1902e-003	-1.6142e-003	-1.2187e-004
82	-1.0095e+000	1.2759e+000	3.8175e-003	-2.3558e-003	-1.3277e-003	-1.2187e-004
83	-9.5961e-001	1.2709e+000	-7.1599e-003	-1.9809e-003	-1.7103e-003	-1.2187e-004
84	-1.0023e+000	1.2455e+000	-6.5155e-003	-2.3315e-003	-1.1683e-003	-1.2187e-004
85	1.7976e-001	8.1469e-001	-8.9802e-002	-1.3122e-003	-1.8261e-004	-1.9076e-004
86	-1.0670e+000	1.4825e+000	-1.4212e-001	-1.6674e-003	-8.7027e-004	-1.2187e-004
87	-1.0862e+000	1.4372e+000	1.2438e-001	-1.3799e-003	-9.8565e-004	-1.2187e-004
88	-1.0518e+000	1.2873e+000	-2.0395e-001	-1.4127e-003	3.5807e-004	-1.2187e-004
89	-9.8519e-001	1.3320e+000	-2.0353e-001	-7.6562e-004	-1.1165e-003	-1.2187e-004
90	-1.0534e+000	1.2867e+000	-2.6003e-001	-1.4127e-003	3.5807e-004	-1.2187e-004
91	-9.8391e-001	1.3329e+000	2.7086e-001	-7.6562e-004	-1.1165e-003	-1.2187e-004
92	-3.8292e-001	4.5699e-001	-5.4295e-003	-3.8456e-004	4.8172e-004	4.3584e-005
93	-3.8742e-001	4.5510e-001	-5.3358e-003	-3.2221e-004	4.4772e-004	4.3584e-005
94	-3.9106e-001	4.6380e-001	1.9752e-003	-4.1558e-004	5.4097e-004	4.3584e-005
95	-3.8684e-001	4.6017e-001	2.4468e-003	1.0315e-006	-2.0756e-005	4.3584e-005
96	-3.9672e-001	4.5758e-001	4.0367e-002	-1.9899e-003	-9.2800e-004	4.3584e-005
97	-3.9060e-001	4.5910e-001	1.6129e-002	6.9680e-005	-4.0341e-005	4.3584e-005
98	1.6907e-001	8.1469e-001	-1.3231e-002	-1.3122e-003	-1.8261e-004	-1.9076e-004
99	-2.0157e-001	8.1658e-001	1.0006e-002	-1.3504e-003	-3.5630e-004	-1.9076e-004
100	-8.6874e-002	3.6238e-001	2.6751e-002	-6.1626e-004	-3.2295e-004	-1.9076e-004
101	1.4656e-001	3.6032e-001	-3.7427e-002	-6.5612e-004	2.5325e-004	-1.9076e-004

102	1.5729e-001	3.6032e-001	-6.6630e-002	-6.5612e-004	2.5325e-004	-1.9076e-004
103	-9.1514e-002	3.6238e-001	6.2252e-002	-6.1626e-004	-3.2295e-004	-1.9076e-004
104	-2.1308e-001	8.1658e-001	9.4632e-002	-1.3504e-003	-3.5630e-004	-1.9076e-004
105	-9.8298e-002	5.2457e-001	-8.9090e-001	-1.4753e-003	-2.7858e-004	-1.9076e-004
106	-1.0310e+000	1.3594e+000	7.7049e-002	-7.9784e-004	6.1262e-004	-1.2187e-004
107	-1.1967e-001	3.8466e-001	-1.4291e-002	-1.7520e-003	-3.6826e-004	1.9536e-004
108	-3.3800e-001	3.6431e-001	-4.9381e-002	-1.8758e-003	-8.5648e-004	1.7938e-004
109	-1.2093e-001	3.9168e-001	1.2643e-002	-1.6534e-003	-3.5950e-004	-5.9114e-005
110	-3.4085e-001	3.6773e-001	3.4188e-002	-1.8398e-003	-8.2619e-004	-6.7248e-005
111	-1.1139e-001	3.6003e-001	9.3245e-003	-1.5759e-003	-3.2115e-004	-6.9334e-004
112	-3.4828e-001	3.7505e-001	3.2145e-002	-1.7233e-003	-1.0271e-003	-5.5408e-004
113	-1.1499e-001	3.7007e-001	-1.7181e-002	-1.4947e-003	-3.1115e-004	2.9733e-004
114	-3.3842e-001	3.5402e-001	-5.4404e-002	-1.8045e-003	-8.4938e-004	3.6369e-004
115	-1.1579e-001	3.7483e-001	6.6693e-003	-1.4311e-003	-3.3510e-004	-3.0283e-005
116	-3.3548e-001	3.4835e-001	2.7058e-002	-1.9050e-003	-8.9166e-004	-1.0338e-004
117	-1.0866e-001	3.4739e-001	1.5125e-002	-1.3994e-003	-2.7479e-004	-7.7259e-004
118	-3.3928e-001	3.5145e-001	5.1868e-002	-1.9114e-003	-1.0495e-003	-6.7136e-004
119	-1.0517e-001	3.4177e-001	-1.6331e-002	-1.3455e-003	-2.6586e-004	3.1314e-004
120	-9.4407e-002	3.4087e-001	1.5272e-002	-1.2431e-003	-2.6028e-004	-4.7405e-004
121	-3.3151e-001	3.3212e-001	-6.3786e-002	-1.9612e-003	-9.8272e-004	8.0264e-004
122	-3.2551e-001	3.2074e-001	6.5028e-002	-1.9793e-003	-9.5447e-004	-9.4612e-004
123	-3.9362e-001	4.7172e-001	0.0000e+000	0.0000e+000	0.0000e+000	4.3584e-005
124	-9.8176e-002	3.4662e-001	-4.9075e-003	-1.2792e-003	-3.1282e-004	1.7801e-004
125	-3.2452e-001	3.2215e-001	-7.4732e-003	-2.0213e-003	-9.1910e-004	-2.8513e-004

SPOSTAMENTI NODALI "Dinamica SLOh X" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	3.6453e-001	-3.0898e-001	-1.9928e-004	8.5966e-004	2.7943e-004	8.7248e-005
30	3.4916e-001	-1.7341e-001	5.4348e-004	6.4650e-004	3.2731e-004	8.7248e-005
31	2.7010e-001	-2.4753e-001	4.0934e-003	7.8463e-004	6.0211e-004	-1.5453e-005
32	2.6311e-001	-2.4774e-001	4.8253e-003	6.2221e-004	6.6226e-004	-1.5453e-005
33	2.5828e-001	-2.4814e-001	4.2682e-003	6.9812e-004	6.2485e-004	-1.5453e-005
34	2.6066e-001	-2.4867e-001	-2.4103e-003	7.8399e-004	6.4230e-004	-1.5453e-005
35	2.6566e-001	-2.4807e-001	-3.0058e-003	8.2022e-004	7.4488e-004	-1.5453e-005
36	2.7208e-001	-2.4764e-001	-2.4219e-003	8.6049e-004	5.6298e-004	-1.5453e-005

37	2.6489e-001	-2.4990e-001	4.4632e-004	8.1806e-004	7.0593e-004	-1.5453e-005
38	2.7006e-001	-2.4901e-001	6.9843e-004	8.5573e-004	7.9597e-004	-1.5453e-005
39	2.7546e-001	-2.4831e-001	5.0814e-004	9.1892e-004	6.4325e-004	-1.5453e-005
40	2.6887e-001	-2.5142e-001	-2.0401e-003	7.1612e-004	6.3979e-004	-1.5453e-005
41	2.7418e-001	-2.5025e-001	-2.4411e-003	-6.2390e-004	7.1598e-004	-1.5453e-005
42	2.7861e-001	-2.4945e-001	2.9616e-003	7.8805e-004	5.6488e-004	-1.5453e-005
43	2.7299e-001	-2.5331e-001	-3.8723e-004	8.6224e-004	7.5068e-004	-1.5453e-005
44	2.8188e-001	-2.5110e-001	-3.0237e-004	9.4511e-004	6.7783e-004	-1.5453e-005
45	2.7766e-001	-2.5586e-001	3.0319e-003	8.4923e-004	7.4816e-004	-1.5453e-005
46	2.8550e-001	-2.5344e-001	2.6237e-003	9.3496e-004	6.5086e-004	-1.5453e-005
47	2.8068e-001	-2.5754e-001	-4.7576e-003	7.7870e-004	7.5734e-004	-1.5453e-005
48	2.8784e-001	-2.5521e-001	-4.2382e-003	8.2336e-004	7.2696e-004	-1.5453e-005
49	3.2363e-001	-1.4170e-001	-1.4224e-003	4.6290e-004	6.4749e-004	8.7248e-005
50	3.8335e-001	-3.8741e-001	1.3410e-003	7.4191e-004	4.9524e-004	8.7248e-005
51	4.8078e-001	-3.9067e-001	1.0631e-003	8.1758e-004	6.8941e-004	8.7248e-005
52	4.4522e-001	-3.1181e-001	-1.2646e-004	1.1418e-003	4.5620e-004	8.7248e-005
53	4.2363e-001	-2.3352e-001	1.6835e-004	8.6941e-004	4.9851e-004	8.7248e-005
54	4.0236e-001	-1.7546e-001	6.4987e-004	6.4851e-004	4.5944e-004	8.7248e-005
55	3.6598e-001	-1.4499e-001	-1.6292e-003	4.3010e-004	7.4663e-004	8.7248e-005
56	3.5722e-001	-2.3343e-001	7.5358e-005	7.6686e-004	3.5584e-004	8.7248e-005
57	3.3139e-001	-1.7712e-001	-5.0197e-005	9.0766e-004	1.0849e-003	-5.7406e-005
58	3.4187e-001	-1.6372e-001	1.2958e-004	7.4301e-004	1.0389e-003	9.5274e-005
59	3.5503e-001	-1.4596e-001	5.3507e-004	6.1440e-004	9.9623e-004	7.6325e-005
60	2.4119e-001	-2.0573e-001	4.5891e-004	9.0160e-004	7.7718e-004	-1.7954e-005
61	2.4646e-001	-2.1005e-001	2.5912e-003	8.3868e-004	7.3574e-004	-4.8120e-005
62	2.4640e-001	-2.0623e-001	-2.6639e-004	9.2244e-004	7.9256e-004	-1.9200e-005
63	2.5059e-001	-2.0895e-001	2.2835e-003	9.1679e-004	7.9781e-004	-4.7257e-005
64	3.5580e-001	-1.4199e-001	-1.4329e-003	5.0028e-004	1.0658e-003	9.0707e-005
65	2.3908e-001	-2.2603e-001	1.7942e-001	9.0192e-004	7.4116e-004	-3.1389e-004
66	3.2786e-001	-2.0648e-001	2.3849e-001	9.1678e-004	1.0391e-003	-4.1805e-004
67	6.6868e-001	-7.3010e-001	5.8069e-003	7.7301e-004	4.5148e-004	4.1929e-005
68	6.6094e-001	-7.0827e-001	6.9420e-003	4.4688e-004	4.2789e-004	4.1929e-005
69	6.5870e-001	-7.1029e-001	6.1488e-003	6.3812e-004	4.9985e-004	4.1929e-005
70	6.5824e-001	-7.0520e-001	-3.3491e-003	8.4632e-004	6.4434e-004	4.1929e-005
71	6.6483e-001	-7.0967e-001	-4.2676e-003	7.8726e-004	6.2186e-004	4.1929e-005
72	6.6668e-001	-7.2139e-001	-3.3665e-003	9.5157e-004	5.1927e-004	4.1929e-005
73	6.5278e-001	-6.8422e-001	6.4304e-004	8.8674e-004	6.9715e-004	4.1929e-005
74	6.5909e-001	-6.8832e-001	1.0432e-003	8.3994e-004	6.7417e-004	4.1929e-005
75	6.6354e-001	-6.9477e-001	7.0899e-004	9.6579e-004	5.5698e-004	4.1929e-005
76	6.4775e-001	-6.6659e-001	-3.0594e-003	6.9117e-004	5.5338e-004	4.1929e-005
77	6.5422e-001	-6.7038e-001	-3.4674e-003	-4.6020e-004	5.0731e-004	4.1929e-005
78	6.6020e-001	-6.7327e-001	4.3902e-003	7.2660e-004	4.2272e-004	4.1929e-005
79	6.4016e-001	-6.4585e-001	-5.2554e-004	9.5071e-004	7.4581e-004	4.1929e-005
80	6.5417e-001	-6.4883e-001	-4.1909e-004	1.0185e-003	6.2166e-004	4.1929e-005
81	6.3625e-001	-6.2916e-001	4.2074e-003	9.8513e-004	7.7465e-004	4.1929e-005
82	6.5162e-001	-6.2822e-001	3.6696e-003	1.0704e-003	6.3616e-004	4.1929e-005
83	6.2407e-001	-6.1654e-001	-6.5083e-003	8.9813e-004	8.6391e-004	4.1929e-005
84	6.4374e-001	-6.0998e-001	-5.8258e-003	1.0661e-003	6.3186e-004	4.1929e-005
85	3.8047e-001	-3.8731e-001	6.5285e-002	6.1894e-004	4.9993e-004	8.7248e-005
86	6.6928e-001	-7.3073e-001	6.3896e-002	7.7301e-004	4.5148e-004	4.1929e-005
87	6.5838e-001	-7.0980e-001	-5.5891e-002	6.3812e-004	4.9985e-004	4.1929e-005
88	6.6052e-001	-6.2369e-001	-1.6100e-001	6.7167e-004	3.4616e-004	4.1929e-005
89	6.3357e-001	-6.3765e-001	-1.6814e-001	3.9346e-004	6.1427e-004	4.1929e-005
90	6.6133e-001	-6.2382e-001	-1.7591e-001	6.7167e-004	3.4616e-004	4.1929e-005
91	6.3275e-001	-6.3759e-001	-1.8966e-001	3.9346e-004	6.1427e-004	4.1929e-005
92	2.6694e-001	-2.4796e-001	-5.2364e-003	-3.6730e-004	4.5953e-004	-1.5453e-005
93	2.6948e-001	-2.4777e-001	-5.1533e-003	-2.9424e-004	4.0994e-004	-1.5453e-005
94	2.7143e-001	-2.4880e-001	1.8972e-003	-3.9437e-004	5.1341e-004	-1.5453e-005
95	2.6916e-001	-2.4833e-001	2.2538e-003	-4.6867e-007	-1.9994e-005	-1.5453e-005
96	2.7431e-001	-2.4802e-001	3.8124e-002	8.8649e-004	4.3750e-004	-1.5453e-005
97	2.7119e-001	-2.4820e-001	1.5235e-002	6.5651e-005	-3.9039e-005	-1.5453e-005
98	3.8406e-001	-3.8731e-001	3.6192e-002	6.1894e-004	4.9993e-004	8.7248e-005
99	4.8202e-001	-3.9041e-001	4.1673e-002	6.8845e-004	6.8021e-004	8.7248e-005
100	3.6291e-001	-1.5129e-001	-1.0002e-001	2.5375e-004	7.0707e-004	8.7248e-005
101	3.2176e-001	-1.4760e-001	-8.9756e-002	2.8463e-004	6.2531e-004	8.7248e-005

102	3.1819e-001	-1.4760e-001	-9.8166e-002	2.8463e-004	6.2531e-004	8.7248e-005
103	3.6717e-001	-1.5129e-001	-1.0588e-001	2.5375e-004	7.0707e-004	8.7248e-005
104	4.8671e-001	-3.9041e-001	4.3165e-002	6.8845e-004	6.8021e-004	8.7248e-005
105	3.9149e-001	-2.4467e-001	4.9523e-001	7.6684e-004	4.7930e-004	8.7248e-005
106	6.5376e-001	-6.7116e-001	4.9442e-002	-4.5456e-004	5.0602e-004	4.1929e-005
107	3.3053e-001	-1.8867e-001	-6.2785e-002	9.8706e-004	-2.2334e-004	-1.1248e-004
108	2.3908e-001	-2.0982e-001	-4.5687e-002	8.3965e-004	4.3492e-004	-9.4106e-005
109	3.3387e-001	-1.9193e-001	4.3726e-002	9.4288e-004	-3.0365e-004	4.8277e-005
110	2.4017e-001	-2.1036e-001	3.2073e-002	8.2439e-004	4.5251e-004	4.1935e-005
111	3.3982e-001	-1.7123e-001	3.8320e-002	7.8155e-004	7.1981e-004	3.6747e-004
112	2.4479e-001	-2.0734e-001	2.7794e-002	8.1200e-004	5.6516e-004	-2.7695e-004
113	3.4267e-001	-1.7818e-001	-7.1848e-002	8.0067e-004	-1.3715e-004	-1.5586e-004
114	2.4114e-001	-2.0079e-001	-5.2270e-002	8.0850e-004	3.9452e-004	1.8160e-004
115	3.4708e-001	-1.8069e-001	2.3569e-002	7.8404e-004	-3.8607e-004	1.2906e-005
116	2.4009e-001	-1.9782e-001	2.1891e-002	8.5392e-004	4.9277e-004	4.5634e-005
117	3.5207e-001	-1.6498e-001	6.1817e-002	6.6239e-004	4.1078e-004	3.5225e-004
118	2.4288e-001	-1.9497e-001	4.6651e-002	8.7013e-004	4.9800e-004	-2.8819e-004
119	3.5414e-001	-1.6044e-001	-6.5185e-002	6.3917e-004	1.3668e-004	-1.5118e-004
120	3.5582e-001	-1.5029e-001	6.6366e-002	5.2013e-004	3.8476e-004	1.8402e-004
121	2.4147e-001	-1.8443e-001	-5.8883e-002	8.8112e-004	4.3978e-004	3.2678e-004
122	2.4091e-001	-1.7170e-001	6.1398e-002	8.8319e-004	4.2874e-004	-3.5612e-004
123	2.7276e-001	-2.4999e-001	0.0000e+000	0.0000e+000	0.0000e+000	-1.5453e-005
124	3.5547e-001	-1.5546e-001	2.1154e-002	6.2864e-004	-4.3994e-004	6.6128e-005
125	2.3980e-001	-1.7229e-001	-6.8274e-003	9.0462e-004	5.1228e-004	9.4857e-005

SPOSTAMENTI NODALI "Dinamica SLOh Y" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
2	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
3	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
4	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
5	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
6	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
7	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
8	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
9	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
10	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
11	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
12	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
13	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
14	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
15	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
16	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
17	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
18	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
19	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
20	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
21	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
22	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
23	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
24	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
25	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
26	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
27	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
28	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000	0.0000e+000
29	1.3396e-001	4.9531e-001	5.1917e-005	-1.3791e-003	1.0677e-004	-1.5247e-004
30	1.2814e-001	2.9675e-001	1.8671e-004	-1.1025e-003	1.2347e-004	-1.5247e-004
31	-2.8426e-001	3.3005e-001	3.8141e-003	-1.1797e-003	-7.4288e-004	3.3593e-005
32	-2.7564e-001	3.3264e-001	3.6405e-003	-8.3295e-004	-6.6490e-004	3.3593e-005
33	-2.7105e-001	3.3539e-001	4.4867e-003	-1.0590e-003	-7.9051e-004	3.3593e-005
34	-2.7316e-001	3.3842e-001	-1.8185e-003	-1.2551e-003	-9.3046e-004	3.3593e-005
35	-2.7855e-001	3.3500e-001	-2.2944e-003	-1.2563e-003	-9.4170e-004	3.3593e-005
36	-2.8704e-001	3.3180e-001	-1.8811e-003	-1.3504e-003	-7.9961e-004	3.3593e-005

37	-2.7763e-001	3.4458e-001	3.3690e-004	-1.2940e-003	-9.7093e-004	3.3593e-005
38	-2.8420e-001	3.4020e-001	5.3182e-004	-1.2998e-003	-9.7911e-004	3.3593e-005
39	-2.9210e-001	3.3642e-001	3.9149e-004	-1.4480e-003	-8.6923e-004	3.3593e-005
40	-2.8260e-001	3.5149e-001	3.3353e-003	-1.1205e-003	-8.3850e-004	3.3593e-005
41	-2.9014e-001	3.4623e-001	-2.0301e-003	-7.9232e-004	6.6651e-004	3.3593e-005
42	-2.9712e-001	3.4245e-001	-4.8431e-003	-1.2148e-003	-7.1791e-004	3.3593e-005
43	-2.8837e-001	3.5952e-001	-3.1345e-004	-1.3735e-003	-1.0148e-003	3.3593e-005
44	-3.0259e-001	3.5009e-001	-2.5354e-004	-1.4848e-003	-9.2069e-004	3.3593e-005
45	-2.9558e-001	3.6981e-001	2.3464e-003	-1.3761e-003	-1.0456e-003	3.3593e-005
46	-3.0893e-001	3.6006e-001	2.0103e-003	-1.4862e-003	-9.0385e-004	3.3593e-005
47	-3.0054e-001	3.7631e-001	-3.8300e-003	-1.2181e-003	-9.1424e-004	3.3593e-005
48	-3.1318e-001	3.6723e-001	-3.4643e-003	-1.2519e-003	-8.7336e-004	3.3593e-005
49	1.1992e-001	2.6589e-001	-8.1563e-004	-8.4413e-004	2.2425e-004	-1.5247e-004
50	1.3947e-001	6.2154e-001	-5.0331e-004	-1.1937e-003	-1.5737e-004	-1.5247e-004
51	-1.5191e-001	6.2359e-001	6.0506e-004	-1.2362e-003	-2.8544e-004	-1.5247e-004
52	-1.2300e-001	4.9896e-001	3.3728e-005	-1.6539e-003	-3.2627e-004	-1.5247e-004
53	-1.0012e-001	3.7981e-001	4.4658e-005	-1.2986e-003	-2.4368e-004	-1.5247e-004
54	-8.2958e-002	2.9784e-001	-1.2278e-004	-1.0832e-003	-1.9489e-004	-1.5247e-004
55	-6.8536e-002	2.6652e-001	7.1873e-004	-8.3172e-004	-2.1906e-004	-1.5247e-004
56	1.3120e-001	3.7973e-001	-2.9440e-005	-1.2483e-003	1.2963e-004	-1.5247e-004
57	-8.7098e-002	2.7566e-001	1.8345e-005	-1.4449e-003	-3.1920e-004	-1.0198e-004
58	-8.1101e-002	2.6003e-001	3.4483e-005	-1.2042e-003	-2.5662e-004	-1.6435e-004
59	-7.3269e-002	2.4343e-001	-1.0102e-004	-1.0772e-003	-2.2412e-004	-1.4623e-004
60	-2.4866e-001	2.6830e-001	3.5359e-004	-1.3621e-003	-9.3355e-004	-2.8530e-005
61	-2.5810e-001	2.8171e-001	-4.2374e-003	-1.2474e-003	-8.6273e-004	-6.7714e-005
62	-2.5674e-001	2.7906e-001	-2.2308e-004	-1.3988e-003	-9.7166e-004	-3.0779e-005
63	-2.6321e-001	2.8877e-001	1.7496e-003	-1.4044e-003	-9.8103e-004	-9.6365e-005
64	-6.6996e-002	2.6171e-001	6.2154e-004	-9.6923e-004	-2.2913e-004	-1.7333e-004
65	-2.5170e-001	2.8544e-001	1.3941e-001	-1.3637e-003	-8.9792e-004	-4.3708e-004
66	-9.3616e-002	3.0339e-001	4.6079e-002	-1.4408e-003	-3.3062e-004	-4.0873e-004
67	-7.7935e-001	1.0880e+000	5.5055e-003	-1.2308e-003	-6.3851e-004	-9.6200e-005
68	-7.7537e-001	1.0459e+000	5.2430e-003	-6.3491e-004	-4.4421e-004	-9.6200e-005
69	-7.9571e-001	1.0530e+000	6.6894e-003	-1.0153e-003	-7.2652e-004	-9.6200e-005
70	-7.9218e-001	1.0479e+000	-2.5302e-003	-1.3747e-003	-1.0161e-003	-9.6200e-005
71	-7.8325e-001	1.0523e+000	-3.2800e-003	-1.2572e-003	-8.9599e-004	-9.6200e-005
72	-7.7800e-001	1.0739e+000	-2.6164e-003	-1.5369e-003	-8.1480e-004	-9.6200e-005
73	-7.6872e-001	1.0145e+000	4.8625e-004	-1.4309e-003	-1.0703e-003	-9.6200e-005
74	-7.6529e-001	1.0180e+000	7.9969e-004	-1.3303e-003	-9.4161e-004	-9.6200e-005
75	-7.6607e-001	1.0280e+000	5.4535e-004	-1.5414e-003	-8.4219e-004	-9.6200e-005
76	-7.5101e-001	9.8950e-001	4.9953e-003	-1.1066e-003	-8.1248e-004	-9.6200e-005
77	-7.5301e-001	9.9218e-001	-2.8784e-003	-5.9125e-004	4.4937e-004	-9.6200e-005
78	-7.5740e-001	9.9456e-001	-7.1682e-003	-1.1432e-003	-5.8794e-004	-9.6200e-005
79	-7.3153e-001	9.6109e-001	-4.2770e-004	-1.5342e-003	-1.1191e-003	-9.6200e-005
80	-7.4570e-001	9.5883e-001	-3.6969e-004	-1.6254e-003	-9.2229e-004	-9.6200e-005
81	-7.1830e-001	9.4155e-001	3.2364e-003	-1.6022e-003	-1.1809e-003	-9.6200e-005
82	-7.3882e-001	9.3203e-001	2.8006e-003	-1.7232e-003	-9.7137e-004	-9.6200e-005
83	-7.0139e-001	9.2988e-001	-5.2353e-003	-1.4493e-003	-1.2513e-003	-9.6200e-005
84	-7.3410e-001	9.1038e-001	-4.7693e-003	-1.7053e-003	-8.5563e-004	-9.6200e-005
85	1.4791e-001	6.2173e-001	-6.7415e-002	-9.9861e-004	-1.4896e-004	-1.5247e-004
86	-7.7938e-001	1.0893e+000	-1.0464e-001	-1.2308e-003	-6.3851e-004	-9.6200e-005
87	-7.9669e-001	1.0522e+000	9.1550e-002	-1.0153e-003	-7.2652e-004	-9.6200e-005
88	-7.7061e-001	9.4140e-001	-1.4948e-001	-1.0333e-003	2.6284e-004	-9.6200e-005
89	-7.2041e-001	9.7518e-001	-1.4908e-001	-5.6013e-004	-8.1698e-004	-9.6200e-005
90	-7.7199e-001	9.4090e-001	-1.9040e-001	-1.0333e-003	2.6284e-004	-9.6200e-005
91	-7.1937e-001	9.7595e-001	1.9829e-001	-5.6013e-004	-8.1698e-004	-9.6200e-005
92	-2.8011e-001	3.3425e-001	-3.9759e-003	-2.8116e-004	3.5216e-004	3.3593e-005
93	-2.8342e-001	3.3294e-001	-3.9091e-003	-2.3592e-004	3.2783e-004	3.3593e-005
94	-2.8611e-001	3.3915e-001	1.4471e-003	-3.0402e-004	3.9576e-004	3.3593e-005
95	-2.8299e-001	3.3652e-001	1.7972e-003	7.6134e-007	-1.5212e-005	3.3593e-005
96	-2.9034e-001	3.3467e-001	2.9707e-002	-1.4569e-003	-6.8014e-004	3.3593e-005
97	-2.8577e-001	3.3575e-001	1.1872e-002	5.1213e-005	-2.9519e-005	3.3593e-005
98	1.3908e-001	6.2173e-001	-1.0778e-002	-9.9861e-004	-1.4896e-004	-1.5247e-004
99	-1.5340e-001	6.2360e-001	8.1359e-003	-1.0363e-003	-2.6971e-004	-1.5247e-004
100	-6.6741e-002	2.8446e-001	2.0108e-002	-4.8113e-004	-2.4283e-004	-1.5247e-004
101	1.2058e-001	2.8317e-001	-3.0563e-002	-5.0702e-004	2.0684e-004	-1.5247e-004

102	1.2945e-001	2.8317e-001	-5.2246e-002	-5.0702e-004	2.0684e-004	-1.5247e-004
103	-6.9829e-002	2.8446e-001	4.7032e-002	-4.8113e-004	-2.4283e-004	-1.5247e-004
104	-1.6256e-001	6.2360e-001	7.3147e-002	-1.0363e-003	-2.6971e-004	-1.5247e-004
105	-7.7235e-002	3.9642e-001	-6.9616e-001	-1.1540e-003	-2.1287e-004	-1.5247e-004
106	-7.5300e-001	9.9311e-001	5.6532e-002	-5.8494e-004	4.4897e-004	-9.6200e-005
107	-9.0933e-002	2.8339e-001	-1.1618e-002	-1.3487e-003	-2.8770e-004	1.5529e-004
108	-2.4824e-001	2.6751e-001	-3.6211e-002	-1.3720e-003	-6.2724e-004	1.4669e-004
109	-9.1815e-002	2.8861e-001	1.0419e-002	-1.2698e-003	-2.8224e-004	-4.7931e-005
110	-2.5044e-001	2.7030e-001	2.5020e-002	-1.3450e-003	-6.0488e-004	-5.4449e-005
111	-8.4628e-002	2.6711e-001	7.6412e-003	-1.2117e-003	-2.3988e-004	-5.3914e-004
112	-2.5533e-001	2.7460e-001	2.3521e-002	-1.2598e-003	-7.5057e-004	-4.3519e-004
113	-8.7307e-002	2.7352e-001	-1.4071e-002	-1.1452e-003	-2.4050e-004	2.3160e-004
114	-2.4868e-001	2.6033e-001	-3.9888e-002	-1.3186e-003	-6.2069e-004	2.8575e-004
115	-8.7860e-002	2.7724e-001	5.4894e-003	-1.0946e-003	-2.6545e-004	-2.3433e-005
116	-2.4680e-001	2.5697e-001	1.9775e-002	-1.3920e-003	-6.5165e-004	-8.2352e-005
117	-8.2548e-002	2.5842e-001	1.2372e-002	-1.0747e-003	-2.0486e-004	-5.9980e-004
118	-2.4915e-001	2.5824e-001	3.7963e-002	-1.3967e-003	-7.6710e-004	-5.2609e-004
119	-7.9872e-002	2.5558e-001	-1.3401e-002	-1.0349e-003	-2.0383e-004	2.3926e-004
120	-7.1675e-002	2.6145e-001	1.2363e-002	-9.6661e-004	-1.9629e-004	-3.7123e-004
121	-2.4390e-001	2.4567e-001	-4.6698e-002	-1.4334e-003	-7.1834e-004	6.3373e-004
122	-2.4066e-001	2.4217e-001	4.7589e-002	-1.4475e-003	-6.9795e-004	-7.4996e-004
123	-2.8803e-001	3.4500e-001	0.0000e+000	0.0000e+000	0.0000e+000	3.3593e-005
124	-7.4347e-002	2.6359e-001	-3.7616e-003	-9.8590e-004	-2.5077e-004	1.4252e-004
125	-2.4027e-001	2.4421e-001	-5.4849e-003	-1.4780e-003	-6.7159e-004	2.2964e-004

SFORZI "Dinamica SLDh X" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	1.0216e+003	-1.4912e-014	7.1780e+001	4.2635e+003	-2.7506e+004	0.0000e+000
	124	-1.0216e+003	1.4912e-014	-7.1780e+001	-4.2635e+003	-2.7318e+004	0.0000e+000
2	125	-4.1160e+002	-3.3573e+002	5.7805e+002	-1.4162e+003	-2.9303e+004	-8.3981e+003
	122	4.1160e+002	3.3573e+002	-5.7805e+002	1.4162e+003	-1.2661e+005	-8.1684e+004
3	121	-5.7945e+002	-3.3573e+002	-4.4853e+002	1.0055e+003	8.5723e+004	-9.3535e+004
	125	5.7945e+002	3.3573e+002	4.4853e+002	-1.0055e+003	3.1846e+004	6.1748e+003
4	124	-2.6193e+003	-6.2203e+002	-4.9736e+002	4.7279e+003	5.0704e+004	1.7538e+004
	120	2.6193e+003	6.2203e+002	4.9736e+002	-4.7279e+003	7.4773e+004	-1.7305e+005
5	119	-2.7998e+003	-6.2203e+002	5.4556e+002	4.7861e+003	-9.2296e+004	-1.3599e+005
	124	2.7998e+003	6.2203e+002	-5.4556e+002	-4.7861e+003	-4.6199e+004	-2.0853e+004
8	122	-2.5673e+003	3.2940e-015	9.8354e+001	-2.8074e+003	-3.5633e+004	0.0000e+000
	120	2.5673e+003	-3.2940e-015	-9.8354e+001	2.8074e+003	-3.3741e+004	0.0000e+000
9	121	-2.3895e+003	0.0000e+000	5.4706e+001	1.6292e+003	-2.2238e+004	0.0000e+000
	119	2.3895e+003	0.0000e+000	-5.4706e+001	-1.6292e+003	-2.3718e+004	0.0000e+000
10	122	7.8489e+002	-3.3573e+002	-1.9437e+003	-1.4870e+003	1.4074e+005	8.1550e+004
	63	-7.8489e+002	3.3573e+002	1.9437e+003	1.4870e+003	2.3502e+005	-1.4640e+005
11	62	-5.5082e+002	-3.3573e+002	1.8765e+003	-1.6477e+003	-2.1152e+005	-1.4690e+005
	121	5.5082e+002	3.3573e+002	-1.8765e+003	1.6477e+003	-8.4136e+004	9.4061e+004
12	120	-2.4998e+003	-6.2203e+002	2.0876e+003	4.7461e+003	-7.1297e+004	1.7528e+005
	64	2.4998e+003	6.2203e+002	-2.0876e+003	-4.7461e+003	-1.3934e+005	-2.3749e+005
13	59	-2.9938e+003	-6.2203e+002	-1.8573e+003	5.2097e+003	1.7621e+005	-2.2806e+005
	119	2.9938e+003	6.2203e+002	1.8573e+003	-5.2097e+003	9.9521e+004	1.3596e+005
14	118	-4.5503e+003	3.5052e-015	-4.6320e+001	2.7354e+003	2.2564e+004	0.0000e+000
	117	4.5503e+003	-3.5052e-015	4.6320e+001	-2.7354e+003	1.9542e+004	0.0000e+000
15	118	1.1471e+003	-3.8708e+002	-3.9129e+003	4.1117e+003	1.1190e+005	1.1951e+005
	62	-1.1471e+003	3.8708e+002	3.9129e+003	-4.1117e+003	2.7520e+005	-1.5778e+005
16	116	5.0584e+002	-3.8708e+002	5.2067e+002	-3.2181e+003	-2.9431e+004	2.2128e+004
	118	-5.0584e+002	3.8708e+002	-5.2067e+002	3.2181e+003	-1.0136e+005	-1.1812e+005

17	117	-5.8445e+003	-5.1439e+002	4.0322e+003	-4.4412e+003	-1.0577e+005	1.5673e+005
	59	5.8445e+003	5.1439e+002	-4.0322e+003	4.4412e+003	-2.9063e+005	-2.0717e+005
18	115	-6.0585e+003	-5.1439e+002	-5.3684e+002	-4.6460e+003	2.9991e+004	2.5258e+004
	117	6.0585e+003	5.1439e+002	5.3684e+002	4.6460e+003	1.0763e+005	-1.5495e+005
19	116	8.7813e+002	1.1556e-015	3.6976e+001	3.2127e+003	-1.7772e+004	0.0000e+000
	115	-8.7813e+002	-1.1556e-015	-3.6976e+001	-3.2127e+003	-1.7409e+004	0.0000e+000
20	114	-1.3351e+003	-9.5610e-015	3.8152e+001	1.8892e+003	-1.7600e+004	0.0000e+000
	113	1.3351e+003	9.5610e-015	-3.8152e+001	-1.8892e+003	-2.1503e+004	0.0000e+000
21	114	4.8833e+002	-3.8708e+002	-3.8745e+002	-2.7989e+003	6.9774e+004	-7.7620e+004
	116	-4.8833e+002	3.8708e+002	3.8745e+002	2.7989e+003	3.3038e+004	-2.3675e+004
22	113	-6.3108e+003	-5.1439e+002	2.9240e+002	-4.9005e+003	-5.5441e+004	-1.0344e+005
	115	6.3108e+003	5.1439e+002	-2.9240e+002	4.9005e+003	-2.0333e+004	-2.7612e+004
23	61	3.9050e+002	-3.8708e+002	9.0264e+002	-2.3686e+003	-1.2437e+005	-1.5561e+005
	114	-3.9050e+002	3.8708e+002	-9.0264e+002	2.3686e+003	-5.9250e+004	7.7032e+004
24	58	-6.5707e+003	-5.1439e+002	-1.0421e+003	5.4856e+003	1.3998e+005	-2.0593e+005
	113	6.5707e+003	5.1439e+002	1.0421e+003	-5.4856e+003	7.0028e+004	1.0254e+005
25	112	-1.0661e+004	4.2773e-016	3.3573e+001	5.0831e+003	-2.1648e+004	0.0000e+000
	111	1.0661e+004	-4.2773e-016	-3.3573e+001	-5.0831e+003	-1.5665e+004	0.0000e+000
26	112	1.6637e+003	-3.9190e+002	-1.0077e+004	5.0231e+003	9.3918e+004	1.4065e+005
	61	-1.6637e+003	3.9190e+002	1.0077e+004	-5.0231e+003	3.8070e+005	-1.5907e+005
27	110	-6.2722e+002	-3.9190e+002	3.7453e+002	2.4056e+003	-2.0209e+004	3.8028e+004
	112	6.2722e+002	3.9190e+002	-3.7453e+002	-2.4056e+003	-7.9615e+004	-1.3789e+005
28	111	-3.7055e+003	-5.1333e+002	1.0259e+004	4.2711e+003	-8.1219e+004	1.8420e+005
	58	3.7055e+003	5.1333e+002	-1.0259e+004	-4.2711e+003	-4.2328e+005	-2.0937e+005
29	109	-3.8524e+003	-5.1333e+002	-3.9859e+002	-3.8660e+003	2.0357e+004	5.1282e+004
	111	3.8524e+003	5.1333e+002	3.9859e+002	3.8660e+003	8.7332e+004	-1.8032e+005
30	110	5.7143e+002	2.4023e-016	2.8394e+001	3.2479e+003	-1.6481e+004	0.0000e+000
	109	-5.7143e+002	-2.4023e-016	-2.8394e+001	-3.2479e+003	-1.5981e+004	0.0000e+000
31	108	-5.7955e+002	-3.9190e+002	-2.3970e+002	2.2578e+003	4.0018e+004	-5.7078e+004
	110	5.7955e+002	3.9190e+002	2.3970e+002	-2.2578e+003	2.3161e+004	-3.9699e+004
32	107	-4.1713e+003	-5.1333e+002	1.1994e+002	4.5179e+003	-3.2410e+004	-7.5585e+004
	109	4.1713e+003	5.1333e+002	-1.1994e+002	-4.5179e+003	8.5538e+003	-5.3579e+004
33	108	-5.2446e+002	-1.0517e-015	2.3461e+001	2.5263e+003	-1.3036e+004	0.0000e+000
	107	5.2446e+002	1.0517e-015	-2.3461e+001	-2.5263e+003	-1.5269e+004	0.0000e+000
34	60	-7.0227e+002	-3.9190e+002	-2.9160e+002	2.3153e+003	4.7977e+004	-1.5803e+005
	108	7.0227e+002	3.9190e+002	2.9160e+002	-2.3153e+003	2.8351e+004	5.5885e+004
35	57	-4.4816e+003	-5.1333e+002	-4.3210e+002	4.7440e+003	6.8172e+004	-2.0673e+005
	107	4.4816e+003	5.1333e+002	4.3210e+002	-4.7440e+003	4.4916e+004	7.3863e+004
36	60	-1.5827e+004	-6.5003e-018	2.7098e+001	8.2466e+003	-1.6873e+004	0.0000e+000
	57	1.5827e+004	6.5003e-018	-2.7098e+001	-8.2466e+003	-1.7574e+004	0.0000e+000
37	65	2.0644e+002	-1.6097e-012	-4.2899e+002	-1.5588e+003	2.1357e+004	6.8070e+003
	60	-2.0644e+002	1.6097e-012	4.2899e+002	1.5588e+003	8.9399e+004	-6.8070e+003
38	66	3.5700e+002	4.7352e-013	-4.6079e+002	-3.4267e+002	1.9031e+004	-6.9748e+003
	57	-3.5700e+002	-4.7352e-013	4.6079e+002	3.4267e+002	1.0508e+005	6.9748e+003
68	65	-2.1197e+002	-4.0914e-015	2.9826e+001	6.9832e+003	-2.1357e+004	0.0000e+000
	66	2.1197e+002	4.0914e-015	-2.9826e+001	-6.9832e+003	-1.9031e+004	0.0000e+000
6	53	-2.5294e+003	1.8916e+001	2.7759e+000	5.9234e+000	-7.9219e+002	1.0796e+004
	105	2.5294e+003	-1.8916e+001	-2.7759e+000	-5.9234e+000	-7.9209e+002	4.8090e-011
7	106	-2.6176e+003	-3.4148e+001	-1.6851e+002	-1.1202e+002	8.5870e+003	2.2785e-010
	77	2.6176e+003	3.4148e+001	1.6851e+002	1.1202e+002	8.5903e+003	-3.4810e+003
39	89	-9.1960e-010	1.5764e-010	-1.3168e-010	-3.7695e-010	5.2075e-009	2.1367e-009

	91	9.1960e-010	-1.5764e-010	1.3168e-010	3.7695e-010	2.8041e-009	3.2682e-009
40	88	-6.6622e-010	8.3253e-011	-2.1521e-010	-1.1576e-009	3.7906e-009	-6.6439e-009
	90	6.6622e-010	-8.3253e-011	2.1521e-010	1.1576e-009	2.1256e-009	7.4629e-009
41	89	-4.7094e-011	1.4269e+003	7.5484e-014	9.0780e+004	-9.5249e-011	6.5404e+005
	88	4.7094e-011	-1.4269e+003	-7.5484e-014	-9.0780e+004	5.6542e-011	6.2687e+005
42	83	-1.0437e+004	1.3701e+003	-5.4739e+002	6.5273e+005	1.0360e+005	3.5212e+005
	89	1.0437e+004	-1.3701e+003	5.4739e+002	-6.5273e+005	7.9909e+004	1.0771e+005
43	84	-1.0393e+004	-1.3888e+003	-5.8192e+002	6.3350e+005	1.0741e+005	-4.9652e+005
	88	1.0393e+004	1.3888e+003	5.8192e+002	-6.3350e+005	8.4179e+004	3.9736e+004
44	87	-1.1417e-009	-2.1767e-011	-5.3043e-011	4.3208e-010	5.2452e-009	6.7465e-010
	69	1.1417e-009	2.1767e-011	5.3043e-011	-4.3208e-010	-4.9371e-009	-1.7100e-009
45	67	-4.2874e-010	-3.7899e-011	-3.0256e-011	-8.1569e-010	-1.5010e-009	-1.6638e-009
	86	4.2874e-010	3.7899e-011	3.0256e-011	8.1569e-010	4.2467e-009	-9.7369e-010
46	99	-1.7920e-011	8.5648e+002	-3.5824e-015	2.2795e+004	3.5392e-012	6.4730e+005
	98	1.7920e-011	-8.5648e+002	3.5824e-015	-2.2795e+004	3.2158e-012	6.2544e+005
47	98	2.6680e-010	-8.9159e-011	-4.8537e-011	1.0923e-011	1.3971e-009	-5.5751e-009
	85	-2.6680e-010	8.9159e-011	4.8537e-011	-1.0923e-011	2.4233e-009	-1.8960e-009
48	104	2.6680e-010	-6.8121e-011	6.1953e-011	-2.6301e-010	-2.1847e-011	-1.8506e-009
	99	-2.6680e-010	6.8121e-011	-6.1953e-011	2.6301e-010	-1.8700e-009	-1.7680e-009
49	103	1.1649e-010	1.2214e-010	3.6395e-011	-6.5515e-011	-1.1776e-009	5.2252e-009
	100	-1.1649e-010	-1.2214e-010	-3.6395e-011	6.5515e-011	-4.6636e-010	7.5108e-009
50	101	1.1649e-010	-8.5818e-011	-4.8537e-011	4.6670e-010	1.3971e-009	-1.8315e-009
	102	-1.1649e-010	8.5818e-011	4.8537e-011	-4.6670e-010	2.4233e-009	-3.5166e-009
51	100	1.4555e-011	1.0745e+003	-2.7174e-014	3.7460e+004	2.5483e-011	4.2536e+005
	101	-1.4555e-011	-1.0745e+003	2.7174e-014	-3.7460e+004	-1.1434e-011	4.4754e+005
52	49	-3.1615e+004	-1.4098e+003	-2.4500e+003	4.5323e+005	1.9126e+005	-1.6699e+005
	101	3.1615e+004	1.4098e+003	2.4500e+003	-4.5323e+005	1.5196e+005	-3.7460e+004
53	55	-3.3676e+004	-1.6135e+003	-2.4941e+003	4.2784e+005	1.9490e+005	-2.8087e+005
	100	3.3676e+004	1.6135e+003	2.4941e+003	-4.2784e+005	1.6283e+005	6.0372e+004
54	99	-1.1138e+004	-9.3825e+002	-4.4172e+003	-6.3942e+005	1.4743e+005	-1.1542e+005
	51	1.1138e+004	9.3825e+002	4.4172e+003	6.3942e+005	1.6884e+005	5.0788e+004
55	98	-9.9935e+003	8.0487e+002	-3.7370e+003	-6.2721e+005	1.1994e+005	-2.2795e+004
	50	9.9935e+003	-8.0487e+002	3.7370e+003	6.2721e+005	1.4168e+005	7.6556e+004
56	97	-5.0917e-011	-6.9725e+001	-1.5653e-013	2.7300e+004	-1.0296e-010	-2.7487e+004
	96	5.0917e-011	6.9725e+001	1.5653e-013	-2.7300e+004	1.2032e-010	0.0000e+000
57	95	1.4388e-011	-6.9725e+001	-3.5576e-013	2.6029e+004	-1.0776e-010	0.0000e+000
	97	-1.4388e-011	6.9725e+001	3.5576e-013	-2.6029e+004	2.7865e-010	-1.8216e+004
58	93	4.5363e-011	-4.9061e-014	-2.5728e-013	-4.5721e+004	4.4726e-011	0.0000e+000
	97	-4.5363e-011	4.9061e-014	2.5728e-013	4.5721e+004	1.0894e-010	0.0000e+000
59	93	4.3254e-011	4.6390e+001	-1.0030e-013	2.7496e+004	2.1895e-010	1.7699e+004
	36	-4.3254e-011	-4.6390e+001	1.0030e-013	-2.7496e+004	-2.1305e-010	0.0000e+000
60	92	4.3254e-011	4.6390e+001	4.2896e-013	3.7349e+004	-1.4709e-010	-8.9457e+003
	93	-4.3254e-011	-4.6390e+001	-4.2896e-013	-3.7349e+004	-1.3377e-010	2.6604e+004
61	96	-2.6233e-011	-2.6925e+003	-3.0810e-012	-5.0252e+004	3.9609e-010	4.0366e+005
	39	2.6233e-011	2.6925e+003	3.0810e-012	5.0252e+004	3.6123e-010	-1.1911e+006
62	36	6.9170e-011	-2.6249e+003	-2.3660e-013	-4.7556e+004	6.6614e-011	-1.1199e+006
	96	-6.9170e-011	2.6249e+003	2.3660e-013	4.7556e+004	1.1552e-010	-4.3112e+005
63	95	-5.1329e-011	6.3973e+001	-3.3990e-013	-4.9359e+003	1.8563e-011	2.7729e+004
	94	5.1329e-011	-6.3973e+001	3.3990e-013	4.9359e+003	5.0637e-011	0.0000e+000
64	92	-5.1329e-011	-7.1901e+000	2.9137e-013	8.7168e+002	-6.4674e-011	0.0000e+000
	95	5.1329e-011	7.1901e+000	-2.9137e-013	-8.7168e+002	-3.1374e-011	-3.1165e+003

65	94	2.5163e-011	1.0212e+001	-5.4481e-014	4.0286e+004	8.6050e-011	5.9399e+003
	39	-2.5163e-011	-1.0212e+001	5.4481e-014	-4.0286e+004	-2.1777e-011	0.0000e+000
66	38	-1.0078e-010	-5.3771e+001	2.5080e-012	4.0276e+004	-3.9552e-010	0.0000e+000
	94	1.0078e-010	5.3771e+001	-2.5080e-012	-4.0276e+004	-4.6216e-010	-1.0885e+004
67	35	5.6327e-011	4.0605e+001	-2.6244e-012	3.7377e+004	-4.5223e-010	0.0000e+000
	92	-5.6327e-011	-4.0605e+001	2.6244e-012	-3.7377e+004	6.1680e-010	7.9596e+003
69	77	1.0482e-011	4.0766e+003	-2.5464e-013	6.5626e+004	1.2156e-010	1.1158e+006
	78	-1.0482e-011	-4.0766e+003	2.5464e-013	-6.5626e+004	1.4645e-010	1.4286e+006
70	76	-1.8054e-011	2.8762e+003	-5.8803e-014	-5.6647e+004	7.5799e-011	1.2619e+006
	77	1.8054e-011	-2.8762e+003	5.8803e-014	5.6647e+004	-2.4878e-011	9.6446e+005
71	68	-4.3654e-011	1.5701e+003	3.9833e-014	2.1594e+004	2.6975e-011	7.4702e+005
	67	4.3654e-011	-1.5701e+003	-3.9833e-014	-2.1594e+004	-4.7530e-011	9.2703e+005
72	69	-1.6018e-011	2.7599e+003	1.3401e-013	-2.7596e+004	-2.4292e-011	1.1759e+006
	68	1.6018e-011	-2.7599e+003	-1.3401e-013	2.7596e+004	-5.6502e-011	9.7145e+005
73	81	-8.3203e+002	-5.3588e+003	-6.1935e+002	5.0469e+004	1.6446e+005	-1.2943e+006
	83	8.3203e+002	5.3588e+003	6.1935e+002	-5.0469e+004	1.6164e+005	-1.5303e+006
74	79	1.3205e+002	-1.7403e+003	-1.3395e+002	-3.6589e+004	5.8666e+004	-7.8683e+005
	81	-1.3205e+002	1.7403e+003	1.3395e+002	3.6589e+004	5.9638e+004	-7.5016e+005
75	76	1.4020e+002	-2.1457e+003	-1.9651e+002	-1.4930e+005	7.3531e+004	-8.3368e+005
	79	-1.4020e+002	2.1457e+003	1.9651e+002	1.4930e+005	8.2160e+004	-8.6628e+005
76	73	-1.1581e+002	-1.9834e+003	-1.5960e+002	1.1814e+005	6.6065e+004	-7.8001e+005
	76	1.1581e+002	1.9834e+003	1.5960e+002	-1.1814e+005	6.0377e+004	-7.9125e+005
77	70	1.5442e+002	-1.4483e+003	-1.6928e+002	-2.9097e+004	7.2750e+004	-5.9684e+005
	73	-1.5442e+002	1.4483e+003	1.6928e+002	2.9097e+004	7.3905e+004	-6.5788e+005
78	69	-4.9617e+002	-3.8918e+003	-3.2514e+002	-2.0444e+005	7.9437e+004	-1.0827e+006
	70	4.9617e+002	3.8918e+003	3.2514e+002	2.0444e+005	8.9018e+004	-9.3371e+005
79	74	-1.6643e+002	-3.5440e+003	-1.1241e+002	2.7988e+005	5.1245e+004	-1.3367e+006
	77	1.6643e+002	3.5440e+003	1.1241e+002	-2.7988e+005	3.7468e+004	-1.4601e+006
80	71	2.0496e+002	-2.4291e+003	-1.5081e+002	-2.6226e+004	6.4799e+004	-1.0249e+006
	74	-2.0496e+002	2.4291e+003	1.5081e+002	2.6226e+004	6.5991e+004	-1.0817e+006
81	68	-6.0637e+002	-6.3278e+003	-2.4627e+002	-3.5110e+005	5.5421e+004	-1.6880e+006
	71	6.0637e+002	6.3278e+003	2.4627e+002	3.5110e+005	7.1933e+004	-1.5843e+006
82	82	-6.6051e+002	-5.0703e+003	-5.1928e+002	4.6238e+004	1.4586e+005	-1.3079e+006
	84	6.6051e+002	5.0703e+003	5.1928e+002	-4.6238e+004	1.4339e+005	-1.5188e+006
83	80	1.1457e+002	-1.8741e+003	-1.3384e+002	-3.6890e+004	5.8257e+004	-8.4201e+005
	82	-1.1457e+002	1.8741e+003	1.3384e+002	3.6890e+004	5.9383e+004	-8.0526e+005
84	78	-1.7994e+002	-2.1645e+003	-1.7562e+002	-1.6038e+005	6.6790e+004	-8.6162e+005
	80	1.7994e+002	2.1645e+003	1.7562e+002	1.6038e+005	7.5815e+004	-8.9648e+005
85	75	1.5556e+002	-2.0198e+003	-1.4390e+002	1.3024e+005	6.1360e+004	-8.1381e+005
	78	-1.5556e+002	2.0198e+003	1.4390e+002	-1.3024e+005	5.5159e+004	-8.2215e+005
86	72	1.5151e+002	-1.4785e+003	-1.5957e+002	-3.1018e+004	7.0352e+004	-6.2026e+005
	75	-1.5151e+002	1.4785e+003	1.5957e+002	3.1018e+004	7.0643e+004	-6.8605e+005
87	67	-4.7206e+002	-3.9360e+003	-3.2569e+002	-1.5595e+005	8.2404e+004	-1.1124e+006
	72	4.7206e+002	3.9360e+003	3.2569e+002	1.5595e+005	8.9512e+004	-9.6571e+005
95	41	3.4205e+003	5.8694e+003	-8.1975e+003	-1.8664e+004	1.6734e+006	1.0009e+006
	77	-3.4205e+003	-5.8694e+003	8.1975e+003	1.8664e+004	1.8030e+006	1.5783e+006
98	38	-1.1072e+003	-9.2194e+003	1.5660e+003	-1.7985e+004	-4.0443e+005	-1.6684e+006
	74	1.1072e+003	9.2194e+003	-1.5660e+003	1.7985e+004	-3.0407e+005	-2.4184e+006
101	35	3.8826e+003	-9.6556e+003	1.5939e+003	-1.7203e+004	-4.1576e+005	-1.8528e+006
	71	-3.8826e+003	9.6556e+003	-1.5939e+003	1.7203e+004	-3.3478e+005	-2.6089e+006
104	32	-6.3662e+003	-5.7328e+003	5.6175e+003	-1.6837e+004	-1.2718e+006	-1.0311e+006

	68	6.3662e+003	5.7328e+003	-5.6175e+003	1.6837e+004	-1.3698e+006	-1.7294e+006
122	47	-4.0538e-011	2.7783e+003	-2.1964e-014	9.1948e+003	1.9499e-011	1.3308e+006
	48	4.0538e-011	-2.7783e+003	2.1964e-014	-9.1948e+003	1.5843e-011	1.3255e+006
123	41	4.7799e-011	4.8754e+003	-8.3210e-014	7.4174e+004	2.0940e-011	1.4028e+006
	42	-4.7799e-011	-4.8754e+003	8.3210e-014	-7.4174e+004	3.2606e-011	1.6402e+006
124	40	-2.8731e-011	3.2326e+003	3.1580e-014	-6.0637e+004	1.2387e-011	1.3488e+006
	41	2.8731e-011	-3.2326e+003	-3.1580e-014	6.0637e+004	-2.4457e-011	1.1534e+006
125	32	8.1294e-012	1.7203e+003	-1.6036e-014	2.1254e+004	1.4596e-011	8.6298e+005
	31	-8.1294e-012	-1.7203e+003	1.6036e-014	-2.1254e+004	1.2937e-011	9.7124e+005
126	33	-3.2922e-011	3.1281e+003	3.6633e-014	-3.3764e+004	-1.6420e-011	1.2808e+006
	32	3.2922e-011	-3.1281e+003	-3.6633e-014	3.3764e+004	-5.5633e-012	1.1530e+006
127	45	-3.3561e-011	-8.1855e+003	-3.0246e-013	1.0644e+005	1.0627e-010	-2.0308e+006
	47	3.3561e-011	8.1855e+003	3.0246e-013	-1.0644e+005	1.3423e-010	-2.2773e+006
128	43	1.6906e-011	-2.7585e+003	4.1281e-014	-2.2532e+004	-6.1894e-011	-1.2447e+006
	45	-1.6906e-011	2.7585e+003	-4.1281e-014	2.2532e+004	6.0731e-011	-1.1911e+006
129	40	-1.8649e-011	-3.4986e+003	3.8060e-013	-8.8455e+004	-5.2988e-011	-1.3704e+006
	43	1.8649e-011	3.4986e+003	-3.8060e-013	8.8455e+004	-5.2838e-011	-1.4006e+006
130	37	-1.8649e-011	-3.3933e+003	2.8900e-013	6.3780e+004	-3.2518e-011	-1.3448e+006
	40	1.8649e-011	3.3933e+003	-2.8900e-013	-6.3780e+004	-5.8347e-011	-1.3428e+006
131	34	4.5579e-011	-2.5972e+003	-9.7797e-014	-2.2934e+004	4.2165e-011	-1.0848e+006
	37	-4.5579e-011	2.5972e+003	9.7797e-014	2.2934e+004	5.2301e-011	-1.1646e+006
132	33	-2.4737e-011	-7.3421e+003	-9.4310e-013	-1.2104e+005	1.9527e-010	-2.0083e+006
	34	2.4737e-011	7.3421e+003	9.4310e-013	1.2104e+005	1.3762e-010	-1.7949e+006
133	38	2.2371e-011	-5.1690e+003	-3.6607e-013	1.9371e+005	1.7114e-011	-1.9907e+006
	41	-2.2371e-011	5.1690e+003	3.6607e-013	-1.9371e+005	5.0537e-011	-2.0877e+006
134	35	-3.4278e-011	-3.8586e+003	-9.1432e-014	-2.1676e+004	3.8522e-011	-1.6473e+006
	38	3.4278e-011	3.8586e+003	9.1432e-014	2.1676e+004	3.1509e-011	-1.6982e+006
135	32	4.2619e-011	-1.0566e+004	3.9216e-013	-2.4583e+005	-1.6677e-010	-2.7927e+006
	35	-4.2619e-011	1.0566e+004	-3.9216e-013	2.4583e+005	-6.8605e-011	-2.6704e+006
136	46	-2.4662e-011	-7.7605e+003	-4.7410e-013	1.0626e+005	1.6430e-010	-2.0359e+006
	48	2.4662e-011	7.7605e+003	4.7410e-013	-1.0626e+005	1.0547e-010	-2.2852e+006
137	44	2.6736e-011	-2.8404e+003	-1.0330e-013	2.5368e+004	1.6993e-010	-1.2673e+006
	46	-2.6736e-011	2.8404e+003	1.0330e-013	-2.5368e+004	-1.2153e-010	-1.2289e+006
138	42	3.1812e-011	-3.3505e+003	-6.4677e-014	-9.7212e+004	-2.8470e-011	-1.3470e+006
	44	-3.1812e-011	3.3505e+003	6.4677e-014	9.7212e+004	7.0270e-011	-1.3730e+006
139	39	-3.7961e-011	-3.3088e+003	-3.9555e-013	8.0186e+004	6.5891e-011	-1.3438e+006
	42	3.7961e-011	3.3088e+003	3.9555e-013	-8.0186e+004	7.2059e-011	-1.3351e+006
140	31	1.2983e-011	-7.4380e+003	1.0432e-012	-9.1254e+004	-1.4717e-010	-2.0647e+006
	36	-1.2983e-011	7.4380e+003	-1.0432e-012	9.1254e+004	-1.8672e-010	-1.8609e+006
141	54	-1.4176e+002	-4.0724e+003	-1.7591e+002	1.1825e+005	7.0244e+004	-1.3709e+006
	55	1.4176e+002	4.0724e+003	1.7591e+002	-1.1825e+005	6.1867e+004	-1.6858e+006
142	53	2.6042e+001	-2.4200e+003	-1.9590e+002	-1.4086e+005	8.2966e+004	-9.6718e+005
	54	-2.6042e+001	2.4200e+003	1.9590e+002	1.4086e+005	7.5176e+004	-9.8437e+005
143	52	1.5707e+001	-1.9962e+003	-2.5286e+002	1.3373e+005	1.0694e+005	-7.6391e+005
	53	-1.5707e+001	1.9962e+003	2.5286e+002	-1.3373e+005	9.8273e+004	-8.5570e+005
144	51	-7.4011e+001	-2.6756e+003	-2.9351e+002	1.6618e+005	1.1282e+005	-1.2169e+006
	52	7.4011e+001	2.6756e+003	2.9351e+002	-1.6618e+005	1.2409e+005	-9.4114e+005
145	30	-1.2716e+002	-3.7557e+003	-1.7696e+002	1.1656e+005	6.8905e+004	-1.2269e+006
	49	1.2716e+002	3.7557e+003	1.7696e+002	-1.1656e+005	6.1374e+004	-1.5352e+006
146	56	2.6375e+001	-2.2995e+003	-1.8299e+002	9.0184e+004	7.4482e+004	-9.2155e+005
	30	-2.6375e+001	2.2995e+003	1.8299e+002	-9.0184e+004	7.0254e+004	-8.9599e+005

147	29	1.5238e+001	-2.1105e+003	-2.0731e+002	6.8750e+004	8.4052e+004	-8.0535e+005
	56	-1.5238e+001	2.1105e+003	2.0731e+002	-6.8750e+004	8.0894e+004	-8.7336e+005
148	50	-1.0042e+002	-2.5888e+003	-2.4131e+002	-6.1917e+004	9.2998e+004	-1.1199e+006
	29	1.0042e+002	2.5888e+003	2.4131e+002	6.1917e+004	9.7787e+004	-9.2665e+005
159	21	8.5912e+003	1.5219e+004	-5.0802e+003	1.0373e+004	1.2475e+006	4.5152e+006
	41	-8.5912e+003	-1.5219e+004	5.0802e+003	-1.0373e+004	7.9101e+005	1.6194e+006
161	20	-2.4578e+003	-1.7855e+004	2.2119e+003	1.0373e+004	-8.3407e+005	-4.8533e+006
	38	2.4578e+003	1.7855e+004	-2.2119e+003	-1.0373e+004	-2.9327e+005	-2.3091e+006
164	19	1.0579e+004	-1.9369e+004	2.2314e+003	1.0373e+004	-8.2325e+005	-5.0467e+006
	35	-1.0579e+004	1.9369e+004	-2.2314e+003	-1.0373e+004	-2.9180e+005	-2.7131e+006
167	18	-1.6983e+004	-1.7154e+004	4.3293e+003	1.0373e+004	-1.1120e+006	-4.7642e+006
	32	1.6983e+004	1.7154e+004	-4.3293e+003	-1.0373e+004	-6.3164e+005	-2.1178e+006
88	48	5.0387e+003	-8.3116e+003	-4.2236e+003	-1.9657e+004	9.1064e+005	-1.4826e+006
	84	-5.0387e+003	8.3116e+003	4.2236e+003	1.9657e+004	7.3757e+005	-1.6412e+006
89	47	5.5571e+003	-6.3568e+003	-6.2698e+003	-1.9657e+004	1.2173e+006	-1.1678e+006
	83	-5.5571e+003	6.3568e+003	6.2698e+003	1.9657e+004	1.1556e+006	-1.2520e+006
90	46	-3.1989e+003	-9.3321e+003	-4.4519e+003	-1.8901e+004	8.5490e+005	-1.7425e+006
	82	3.1989e+003	9.3321e+003	4.4519e+003	1.8901e+004	9.1799e+005	-1.9026e+006
91	45	-3.5910e+003	-7.8181e+003	-6.2240e+003	-1.8901e+004	1.1924e+006	-1.4479e+006
	81	3.5910e+003	7.8181e+003	6.2240e+003	1.8901e+004	1.2576e+006	-1.6113e+006
92	44	3.5186e+002	-7.3586e+003	-3.5356e+003	-1.8201e+004	7.1643e+005	-1.4142e+006
	80	-3.5186e+002	7.3586e+003	3.5356e+003	1.8201e+004	7.5272e+005	-1.5719e+006
93	43	4.0796e+002	-6.0802e+003	-4.7244e+003	-1.8201e+004	9.3683e+005	-1.1533e+006
	79	-4.0796e+002	6.0802e+003	4.7244e+003	1.8201e+004	1.0010e+006	-1.3216e+006
94	42	-4.0125e+003	-7.5079e+003	4.9521e+003	-1.7385e+004	-1.0234e+006	-1.5014e+006
	78	4.0125e+003	7.5079e+003	-4.9521e+003	1.7385e+004	-1.0880e+006	-1.6845e+006
96	40	2.8633e+003	-6.1528e+003	-5.6976e+003	-1.7385e+004	1.1813e+006	-1.2292e+006
	76	-2.8633e+003	6.1528e+003	5.6976e+003	1.7385e+004	1.2433e+006	-1.3862e+006
97	39	-5.4480e+002	-5.7375e+003	-2.8309e+003	-1.6753e+004	6.3127e+005	-1.1720e+006
	75	5.4480e+002	5.7375e+003	2.8309e+003	1.6753e+004	6.5005e+005	-1.3588e+006
99	37	-5.3250e+002	-4.7797e+003	-3.8301e+003	-1.6753e+004	8.2591e+005	-9.7470e+005
	73	5.3250e+002	4.7797e+003	3.8301e+003	1.6753e+004	8.8448e+005	-1.1423e+006
100	36	2.4518e+003	-5.8933e+003	-2.8228e+003	-1.6025e+004	6.5014e+005	-1.2789e+006
	72	-2.4518e+003	5.8933e+003	2.8228e+003	1.6025e+004	6.8710e+005	-1.4372e+006
102	34	2.4344e+003	-4.9742e+003	-3.9371e+003	-1.6025e+004	8.8943e+005	-1.0785e+006
	70	-2.4344e+003	4.9742e+003	3.9371e+003	1.6025e+004	9.4164e+005	-1.2199e+006
103	33	-4.7983e+003	-3.9942e+003	4.1590e+003	-1.5684e+004	-9.5141e+005	-8.7170e+005
	69	4.7983e+003	3.9942e+003	-4.1590e+003	1.5684e+004	-1.0148e+006	-1.0162e+006
105	31	-4.3540e+003	-4.3925e+003	3.1586e+003	-1.5684e+004	-7.5695e+005	-9.4671e+005
	67	4.3540e+003	4.3925e+003	-3.1586e+003	1.5684e+004	-7.5097e+005	-1.1246e+006
106	60	-1.1702e+003	-8.8312e+003	1.3852e+004	-6.4020e+004	-8.2107e+005	7.9139e+005
	39	1.1702e+003	8.8312e+003	-1.3852e+004	6.4020e+004	6.3814e+005	-1.1721e+006
107	13	-1.5572e+003	-7.9984e+003	-5.4846e+003	1.2631e+004	1.3975e+006	-1.9216e+006
	60	1.5572e+003	7.9984e+003	5.4846e+003	-1.2631e+004	8.6806e+005	-9.3198e+005
108	61	-8.7984e+003	-1.0087e+004	1.1646e+004	-2.2519e+005	5.3423e+005	7.4700e+005
	42	8.7984e+003	1.0087e+004	-1.1646e+004	2.2519e+005	-6.9728e+005	-1.2212e+006
109	14	-8.7923e+003	-8.6458e+003	-5.4449e+003	3.4061e+004	1.4674e+006	-2.0281e+006
	61	8.7923e+003	8.6458e+003	5.4449e+003	-3.4061e+004	6.4093e+005	-1.0204e+006
110	62	8.5475e+002	-7.5580e+003	7.5358e+003	-6.5905e+004	6.0550e+005	7.0655e+005
	44	-8.5475e+002	7.5580e+003	-7.5358e+003	6.5905e+004	-6.5372e+005	-1.0509e+006
111	15	9.0385e+002	-8.2211e+003	-4.6636e+003	1.3742e+004	1.3236e+006	-1.9680e+006

	62	-9.0385e+002	8.2211e+003	4.6636e+003	-1.3742e+004	6.9681e+005	-9.6693e+005
112	63	-8.0812e+003	-8.6879e+003	-5.6818e+003	-2.0288e+005	-6.0100e+005	8.5874e+005
	46	8.0812e+003	8.6879e+003	5.6818e+003	2.0288e+005	7.4691e+005	-1.2785e+006
113	16	-7.7485e+003	-8.4088e+003	-4.7150e+003	3.3629e+004	1.3533e+006	-2.0091e+006
	63	7.7485e+003	8.4088e+003	4.7150e+003	-3.3629e+004	6.5163e+005	-9.8575e+005
114	64	4.1123e+003	-1.3845e+004	-4.0748e+003	1.0665e+005	-4.0056e+005	1.0713e+006
	55	-4.1123e+003	1.3845e+004	4.0748e+003	-1.0665e+005	6.0383e+005	-1.8323e+006
115	10	4.7138e+003	-1.1722e+004	-4.1421e+003	-6.4297e+004	1.0584e+006	-2.8017e+006
	64	-4.7138e+003	1.1722e+004	4.1421e+003	6.4297e+004	4.3979e+005	-1.3031e+006
116	59	-1.6490e+003	-1.5482e+004	-3.5279e+003	1.1049e+005	-4.9726e+005	1.0655e+006
	54	1.6490e+003	1.5482e+004	3.5279e+003	-1.1049e+005	5.0884e+005	-2.3007e+006
117	9	-1.7567e+003	-1.2515e+004	-3.9478e+003	-5.4207e+004	1.0125e+006	-2.8912e+006
	59	1.7567e+003	1.2515e+004	3.9478e+003	5.4207e+004	5.7276e+005	-1.4913e+006
118	57	6.7636e+002	-7.6900e+003	-1.0575e+004	-7.7114e+004	1.3852e+006	7.5675e+005
	52	-6.7636e+002	7.6900e+003	1.0575e+004	7.7114e+004	-1.8053e+005	-1.7206e+006
119	7	1.6501e+002	-9.8337e+003	6.8690e+003	4.0449e+004	-1.3175e+006	-2.4823e+006
	57	-1.6501e+002	9.8337e+003	-6.8690e+003	-4.0449e+004	-1.4200e+006	-9.6702e+005
120	58	-4.2421e+002	-9.4894e+003	-6.5055e+003	2.4146e+005	9.1617e+005	8.1053e+005
	53	4.2421e+002	9.4894e+003	6.5055e+003	-2.4146e+005	-3.4414e+005	-1.7908e+006
121	8	-4.2532e+002	-1.1096e+004	5.4324e+003	-6.7773e+004	-1.1909e+006	-2.6726e+006
	58	4.2532e+002	1.1096e+004	-5.4324e+003	6.7773e+004	-9.8493e+005	-1.2147e+006
149	1	-3.0329e+003	-5.2325e+003	3.7421e+003	-4.2394e+004	-1.3223e+006	-1.5715e+006
	50	3.0329e+003	5.2325e+003	-3.7421e+003	4.2394e+004	-5.8341e+005	-1.0920e+006
150	5	4.0440e+003	-1.0160e+004	3.3496e+003	-5.3280e+004	-9.6659e+005	-2.4516e+006
	49	-4.0440e+003	1.0160e+004	-3.3496e+003	5.3280e+004	-3.9235e+005	-1.6637e+006
151	4	-1.4522e+003	-1.0748e+004	2.0515e+003	-5.0182e+004	-8.2408e+005	-2.4987e+006
	30	1.4522e+003	1.0748e+004	-2.0515e+003	5.0182e+004	-5.9881e+004	-2.1228e+006
152	2	4.7712e+002	-7.8153e+003	2.3442e+003	-4.4955e+004	-1.0184e+006	-2.0194e+006
	29	-4.7712e+002	7.8153e+003	-2.3442e+003	4.4955e+004	-1.0862e+005	-1.7319e+006
153	3	-1.9031e+002	-8.7385e+003	2.0218e+003	-4.7425e+004	-8.8970e+005	-2.1811e+006
	56	1.9031e+002	8.7385e+003	-2.0218e+003	4.7425e+004	-3.1032e+004	-1.7949e+006
154	6	-2.4049e+003	-6.1142e+003	3.4720e+003	-4.2394e+004	-1.2684e+006	-1.8889e+006
	51	2.4049e+003	6.1142e+003	-3.4720e+003	4.2394e+004	-5.3223e+005	-1.2244e+006
155	17	1.2585e+004	-7.0242e+003	4.6897e+003	9.6624e+003	-1.4217e+006	-1.8478e+006
	48	-1.2585e+004	7.0242e+003	-4.6897e+003	-9.6624e+003	-5.3922e+005	-9.8145e+005
156	28	1.4128e+004	-6.4666e+003	5.3141e+003	9.6624e+003	-1.5107e+006	-1.7473e+006
	47	-1.4128e+004	6.4666e+003	-5.3141e+003	-9.6624e+003	-6.8631e+005	-8.7172e+005
157	27	-9.0032e+003	-7.2979e+003	-5.6043e+003	9.6624e+003	1.4990e+006	-1.8215e+006
	45	9.0032e+003	7.2979e+003	5.6043e+003	-9.6624e+003	9.2371e+005	-1.1828e+006
158	26	1.1499e+003	-6.8371e+003	-5.1753e+003	9.6624e+003	1.4374e+006	-1.7501e+006
	43	-1.1499e+003	6.8371e+003	5.1753e+003	-9.6624e+003	8.2609e+005	-1.0660e+006
160	25	6.0573e+003	-7.3140e+003	-5.8903e+003	9.6624e+003	1.5609e+006	-1.8166e+006
	40	-6.0573e+003	7.3140e+003	5.8903e+003	-9.6624e+003	8.7026e+005	-1.1459e+006
162	24	-1.3253e+003	-6.9556e+003	-5.4292e+003	9.6624e+003	1.4651e+006	-1.7396e+006
	37	1.3253e+003	6.9556e+003	5.4292e+003	-9.6624e+003	8.7007e+005	-1.1182e+006
163	12	7.1917e+003	-8.5056e+003	-5.1183e+003	9.6624e+003	1.4025e+006	-1.9827e+006
	36	-7.1917e+003	8.5056e+003	5.1183e+003	-9.6624e+003	8.5550e+005	-1.4542e+006
165	23	7.1578e+003	-7.6310e+003	-5.9551e+003	9.6624e+003	1.5271e+006	-1.8142e+006
	34	-7.1578e+003	7.6310e+003	5.9551e+003	-9.6624e+003	1.0029e+006	-1.3052e+006
166	22	-1.2674e+004	-6.7729e+003	5.7119e+003	9.6624e+003	-1.5337e+006	-1.7152e+006
	33	1.2674e+004	6.7729e+003	-5.7119e+003	-9.6624e+003	-8.0935e+005	-1.0228e+006

168	11	-1.2156e+004	-7.4358e+003	-4.9906e+003	9.6624e+003	1.4257e+006	-1.8456e+006
	31	1.2156e+004	7.4358e+003	4.9906e+003	-9.6624e+003	6.7916e+005	-1.1456e+006

SFORZI "Dinamica SLDh Y" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:54.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	-1.9291e+003	2.4319e-014	-4.9756e+001	-3.0277e+003	1.9317e+004	0.0000e+000
	124	1.9291e+003	-2.4319e-014	4.9756e+001	3.0277e+003	1.8718e+004	0.0000e+000
2	125	-3.7766e+002	-2.6133e+002	-1.1468e+003	2.4301e+003	4.8805e+004	-6.2629e+003
	122	3.7766e+002	2.6133e+002	1.1468e+003	-2.4301e+003	2.5966e+005	-6.3762e+004
3	121	-7.2375e+002	-2.6133e+002	6.8632e+002	-2.5469e+003	-1.3844e+005	-7.3129e+004
	125	7.2375e+002	2.6133e+002	-6.8632e+002	2.5469e+003	-4.3287e+004	5.1998e+003
4	124	-1.4458e+003	-1.2295e+002	-9.3536e+002	-7.9457e+003	9.1044e+004	2.6102e+003
	120	1.4458e+003	1.2295e+002	9.3536e+002	7.9457e+003	1.4382e+005	-3.3217e+004
5	119	-1.4526e+003	-1.2295e+002	1.0827e+003	-7.9571e+003	-1.7418e+005	-2.6932e+004
	124	1.4526e+003	1.2295e+002	-1.0827e+003	7.9571e+003	-1.0057e+005	-4.5790e+003
8	122	5.1457e+003	1.8727e-015	5.8479e+001	-2.6664e+003	-2.6847e+004	0.0000e+000
	120	-5.1457e+003	-1.8727e-015	-5.8479e+001	2.6664e+003	-1.7874e+004	0.0000e+000
9	121	4.2620e+003	0.0000e+000	-4.3494e+001	-2.6337e+003	2.1869e+004	0.0000e+000
	119	-4.2620e+003	0.0000e+000	4.3494e+001	2.6337e+003	1.5938e+004	0.0000e+000
10	122	-1.3955e+003	-2.6133e+002	-3.9295e+003	2.9256e+003	2.7991e+005	6.4403e+004
	63	1.3955e+003	2.6133e+002	3.9295e+003	-2.9256e+003	4.7948e+005	-1.1485e+005
11	62	-5.6004e+002	-2.6133e+002	3.4815e+003	-2.8240e+003	-3.9552e+005	-1.1526e+005
	121	5.6004e+002	2.6133e+002	-3.4815e+003	2.8240e+003	-1.5327e+005	7.4152e+004
12	120	-1.3777e+003	-1.2295e+002	-4.1352e+003	-7.9179e+003	1.4364e+005	3.2846e+004
	64	1.3777e+003	1.2295e+002	4.1352e+003	7.9179e+003	2.7050e+005	-4.5104e+004
13	59	-1.4788e+003	-1.2295e+002	3.1665e+003	-7.9651e+003	-2.9842e+005	-4.4385e+004
	119	1.4788e+003	1.2295e+002	-3.1665e+003	7.9651e+003	-1.7118e+005	2.6313e+004
14	118	-7.9708e+003	-1.8727e-015	2.5053e+001	-2.8163e+003	-1.3431e+004	0.0000e+000
	117	7.9708e+003	1.8727e-015	-2.5053e+001	2.8163e+003	-1.4053e+004	0.0000e+000
15	118	-1.7729e+003	-3.0053e+002	-6.8665e+003	5.5399e+003	1.8884e+005	9.3852e+004
	62	1.7729e+003	3.0053e+002	6.8665e+003	-5.5399e+003	4.9081e+005	-1.2354e+005
16	116	-6.9040e+002	-3.0053e+002	-9.0513e+002	5.3504e+003	4.4572e+004	1.7701e+004
	118	6.9040e+002	3.0053e+002	9.0513e+002	-5.3504e+003	1.8138e+005	-9.2135e+004
17	117	-1.1835e+003	-1.0416e+002	7.0173e+003	-9.1573e+003	-1.9644e+005	3.0701e+004
	59	1.1835e+003	1.0416e+002	-7.0173e+003	9.1573e+003	-4.9234e+005	-4.0865e+004
18	115	-1.2259e+003	-1.0416e+002	-9.3071e+002	-9.1652e+003	4.8637e+004	4.7930e+003
	117	1.2259e+003	1.0416e+002	9.3071e+002	9.1652e+003	1.8770e+005	-3.0900e+004
19	116	1.4602e+003	-7.4941e-016	2.1091e+001	-2.3648e+003	-1.0158e+004	0.0000e+000
	115	-1.4602e+003	7.4941e-016	-2.1091e+001	2.3648e+003	-9.9388e+003	0.0000e+000
20	114	-2.0895e+003	1.1208e-014	-2.5818e+001	-2.5100e+003	1.3892e+004	0.0000e+000
	113	2.0895e+003	-1.1208e-014	2.5818e+001	2.5100e+003	1.3856e+004	0.0000e+000
21	114	-6.9217e+002	-3.0053e+002	5.3323e+002	5.0593e+003	-9.7385e+004	-6.0192e+004
	116	6.9217e+002	3.0053e+002	-5.3323e+002	-5.0593e+003	-4.4633e+004	-1.8452e+004
22	113	-1.2570e+003	-1.0416e+002	5.6308e+002	-9.1812e+003	-9.6569e+004	-2.0721e+004
	115	1.2570e+003	1.0416e+002	-5.6308e+002	9.1812e+003	-4.9284e+004	-5.8661e+003
23	61	-6.7190e+002	-3.0053e+002	1.5026e+003	4.5501e+003	-2.0299e+005	-1.2122e+005
	114	6.7190e+002	3.0053e+002	-1.5026e+003	-4.5501e+003	-1.0222e+005	6.0218e+004
24	58	-1.3369e+003	-1.0416e+002	1.5434e+003	-9.2139e+003	-2.0952e+005	-4.0707e+004
	113	1.3369e+003	1.0416e+002	-1.5434e+003	9.2139e+003	-1.0099e+005	1.9881e+004
25	112	-1.6136e+004	-2.3054e-016	1.9841e+001	-3.5863e+003	-1.2866e+004	0.0000e+000

	111	1.6136e+004	2.3054e-016	-1.9841e+001	3.5863e+003	-1.3875e+004	0.0000e+000
26	112	2.4964e+003	-3.0677e+002	-1.5253e+004	5.3085e+003	1.2696e+005	1.1084e+005
	61	-2.4964e+003	3.0677e+002	1.5253e+004	-5.3085e+003	5.9233e+005	-1.2526e+005
27	110	1.0089e+003	-3.0677e+002	-5.4853e+002	-4.0550e+003	2.3315e+004	2.9853e+004
	112	-1.0089e+003	3.0677e+002	5.4853e+002	4.0550e+003	1.1984e+005	-1.0804e+005
28	111	-5.7394e+002	-1.0271e+002	1.5553e+004	-8.8655e+003	-1.4008e+005	3.6006e+004
	58	5.7394e+002	1.0271e+002	-1.5553e+004	8.8655e+003	-6.2435e+005	-4.1011e+004
29	109	-7.6037e+002	-1.0271e+002	-5.7022e+002	-8.8445e+003	1.8911e+004	9.8315e+003
	111	7.6037e+002	1.0271e+002	5.7022e+002	8.8445e+003	1.3127e+005	-3.5530e+004
30	110	7.9715e+002	-1.2731e-016	1.7071e+001	-2.4426e+003	-9.7928e+003	0.0000e+000
	109	-7.9715e+002	1.2731e-016	-1.7071e+001	2.4426e+003	-9.7355e+003	0.0000e+000
31	108	9.0856e+002	-3.0677e+002	2.6365e+002	-4.3654e+003	-4.9087e+004	-4.4960e+004
	110	-9.0856e+002	3.0677e+002	-2.6365e+002	4.3654e+003	-2.4554e+004	-3.0821e+004
32	107	-8.1604e+002	-1.0271e+002	2.5249e+002	-8.9081e+003	-5.1523e+004	-1.4980e+004
	109	8.1604e+002	1.0271e+002	-2.5249e+002	8.9081e+003	-1.9097e+004	-1.0873e+004
33	108	-7.5543e+002	5.4468e-016	-1.6842e+001	-2.2407e+003	1.0265e+004	0.0000e+000
	107	7.5543e+002	-5.4468e-016	1.6842e+001	2.2407e+003	1.0419e+004	0.0000e+000
34	60	1.0153e+003	-3.0677e+002	5.0475e+002	-4.6766e+003	-8.0578e+004	-1.2439e+005
	108	-1.0153e+003	3.0677e+002	-5.0475e+002	4.6766e+003	-5.1214e+004	4.4466e+004
35	57	-8.9790e+002	-1.0271e+002	5.4022e+002	-8.9479e+003	-8.6032e+004	-4.0536e+004
	107	8.9790e+002	1.0271e+002	-5.4022e+002	8.9479e+003	-5.5227e+004	1.4061e+004
36	60	-2.3704e+004	-4.9685e-018	1.5680e+001	-5.2541e+003	-9.9786e+003	0.0000e+000
	57	2.3704e+004	4.9685e-018	-1.5680e+001	5.2541e+003	-1.0041e+004	0.0000e+000
37	65	1.7718e+002	-1.2311e-012	-4.9997e+002	9.9401e+002	1.6318e+004	4.3407e+003
	60	-1.7718e+002	1.2311e-012	4.9997e+002	-9.9401e+002	1.1426e+005	-4.3407e+003
38	66	8.8526e+001	3.0388e-013	-4.8119e+002	2.1851e+002	1.5754e+004	4.4477e+003
	57	-8.8526e+001	-3.0388e-013	4.8119e+002	-2.1851e+002	1.0911e+005	-4.4477e+003
68	65	-3.3402e+002	7.0127e-015	2.2898e+001	-4.4530e+003	-1.6318e+004	0.0000e+000
	66	3.3402e+002	-7.0127e-015	-2.2898e+001	4.4530e+003	-1.5754e+004	0.0000e+000
6	53	3.5579e+003	-2.6607e+001	6.4899e-001	1.3848e+000	-1.8521e+002	-1.5185e+004
	105	-3.5579e+003	2.6607e+001	-6.4899e-001	-1.3848e+000	-1.8519e+002	-1.2477e-010
7	106	-2.8742e+003	-3.7495e+001	1.7975e+002	1.1950e+002	-9.1601e+003	1.8097e-010
	77	2.8742e+003	3.7495e+001	-1.7975e+002	-1.1950e+002	-9.1636e+003	-3.8221e+003
39	89	-3.0146e-010	1.6815e-011	-8.3532e-011	4.9610e-010	2.9407e-009	1.9719e-009
	91	3.0146e-010	-1.6815e-011	8.3532e-011	-4.9610e-010	2.3436e-009	-1.8983e-009
40	88	-1.0048e-009	1.0732e-010	-7.1457e-011	1.5948e-009	1.3537e-009	4.5802e-009
	90	1.0048e-009	-1.0732e-010	7.1457e-011	-1.5948e-009	2.7766e-009	4.9357e-009
41	89	-1.0903e-010	-2.3279e+003	9.6281e-014	-1.4771e+005	-4.4782e-011	-1.0652e+006
	88	1.0903e-010	2.3279e+003	-9.6281e-014	1.4771e+005	-5.2323e-011	-1.0240e+006
42	83	-9.2933e+003	-2.2428e+003	8.8988e+002	-1.0631e+006	-1.6845e+005	-5.7729e+005
	89	9.2933e+003	2.2428e+003	-8.8988e+002	1.0631e+006	-1.2987e+005	-1.7528e+005
43	84	-9.6970e+003	2.2392e+003	9.4878e+002	-1.0347e+006	-1.7525e+005	8.0237e+005
	88	9.6970e+003	-2.2392e+003	-9.4878e+002	1.0347e+006	-1.3708e+005	-6.6103e+004
44	87	-1.1315e-009	2.6014e-011	-8.6254e-011	3.3716e-010	4.2452e-009	2.2226e-009
	69	1.1315e-009	-2.6014e-011	8.6254e-011	-3.3716e-010	3.6808e-009	-7.4837e-010
45	67	-5.8953e-010	9.3034e-011	-1.5094e-010	1.0123e-009	5.7998e-009	2.6836e-009
	86	5.8953e-010	-9.3034e-011	1.5094e-010	-1.0123e-009	3.6441e-009	1.6159e-009
46	99	-2.0587e-011	-1.3348e+003	1.5391e-015	-3.4100e+004	4.5601e-012	-9.9707e+005
	98	2.0587e-011	1.3348e+003	-1.5391e-015	3.4100e+004	-6.4377e-012	-9.8533e+005
47	98	2.6685e-010	3.9590e-011	6.8699e-011	-4.3807e-011	-9.3544e-010	3.2932e-009
	85	-2.6685e-010	-3.9590e-011	-6.8699e-011	4.3807e-011	-2.1484e-009	-2.0382e-009

48	104	2.6685e-010	1.0629e-010	7.3122e-011	7.9058e-011	-9.4307e-010	5.6470e-009
	99	-2.6685e-010	-1.0629e-010	-7.3122e-011	-7.9058e-011	-1.4190e-009	3.4348e-009
49	103	-2.3285e-010	-3.8172e-011	1.6295e-011	1.3358e-010	-3.6236e-010	-1.9467e-009
	100	2.3285e-010	3.8172e-011	-1.6295e-011	-1.3358e-010	-2.3467e-010	-1.5925e-009
50	101	-2.3285e-010	3.0466e-011	6.8699e-011	2.5221e-011	-9.3544e-010	2.1905e-009
	102	2.3285e-010	-3.0466e-011	-6.8699e-011	-2.5221e-011	-2.1484e-009	-1.4253e-009
51	100	7.0311e-013	-2.0499e+003	-1.7776e-014	-5.7957e+004	7.5044e-012	-8.2286e+005
	101	-7.0311e-013	2.0499e+003	1.7776e-014	5.7957e+004	4.5150e-012	-8.3780e+005
52	49	-1.0826e+004	2.0216e+003	4.3887e+003	-8.4797e+005	-3.4418e+005	2.4524e+005
	101	1.0826e+004	-2.0216e+003	-4.3887e+003	8.4797e+005	-2.7065e+005	5.7957e+004
53	55	6.8575e+003	-1.9406e+003	4.2001e+003	-8.2425e+005	-3.3586e+005	-4.0553e+005
	100	-6.8575e+003	1.9406e+003	-4.2001e+003	8.2425e+005	-2.6588e+005	1.3068e+005
54	99	-2.1902e+003	1.3378e+003	6.1082e+003	9.8423e+005	-2.0194e+005	1.7983e+005
	51	2.1902e+003	-1.3378e+003	-6.1082e+003	-9.8423e+005	-2.3539e+005	-8.4935e+004
55	98	3.0602e+003	-1.3516e+003	5.9878e+003	9.8817e+005	-1.9243e+005	3.4100e+004
	50	-3.0602e+003	1.3516e+003	-5.9878e+003	-9.8817e+005	-2.2676e+005	-1.2614e+005
56	97	1.8162e-011	-5.4073e+001	5.4108e-013	2.0837e+004	-3.4520e-011	-2.1316e+004
	96	-1.8162e-011	5.4073e+001	-5.4108e-013	-2.0837e+004	-2.7684e-011	0.0000e+000
57	95	-2.2606e-010	-5.4073e+001	-1.0790e-012	1.9885e+004	2.5175e-010	0.0000e+000
	97	2.2606e-010	5.4073e+001	1.0790e-012	-1.9885e+004	6.3310e-011	-1.4127e+004
58	93	3.8316e-011	-3.7854e-014	3.7957e-013	-3.5458e+004	-7.5886e-011	0.0000e+000
	97	-3.8316e-011	3.7854e-014	-3.7957e-013	3.5458e+004	-9.2171e-011	0.0000e+000
59	93	1.3858e-010	3.6328e+001	4.7384e-013	-2.9353e+004	-1.5085e-010	1.3860e+004
	36	-1.3858e-010	-3.6328e+001	-4.7384e-013	2.9353e+004	-4.5495e-011	0.0000e+000
60	92	1.3858e-010	3.6328e+001	-4.5339e-013	3.3636e+004	8.5749e-011	-6.7976e+003
	93	-1.3858e-010	-3.6328e+001	4.5339e-013	-3.3636e+004	4.1009e-011	2.0519e+004
61	96	-6.0370e-011	-2.1248e+003	5.6873e-012	-6.4736e+004	-8.2755e-010	3.2050e+005
	39	6.0370e-011	2.1248e+003	-5.6873e-012	6.4736e+004	-7.8042e-010	-9.4187e+005
62	36	-4.4395e-011	-2.0780e+003	-6.9685e-013	-6.3015e+004	1.0298e-010	-8.8692e+005
	96	4.4395e-011	2.0780e+003	6.9685e-013	6.3015e+004	1.1139e-010	-3.4112e+005
63	95	3.1148e-011	4.8842e+001	3.6498e-013	-3.7780e+003	-1.2715e-010	2.1170e+004
	94	-3.1148e-011	-4.8842e+001	-3.6498e-013	3.7780e+003	-8.9878e-011	0.0000e+000
64	92	3.1148e-011	-8.7381e+000	1.8148e-013	6.7086e+002	-1.0041e-010	0.0000e+000
	95	-3.1148e-011	8.7381e+000	-1.8148e-013	-6.7086e+002	6.3628e-011	-3.7875e+003
65	94	-1.2369e-011	7.8486e+000	-3.8308e-014	4.1510e+004	-1.7980e-011	4.5653e+003
	39	1.2369e-011	-7.8486e+000	3.8308e-014	-4.1510e+004	3.7204e-011	0.0000e+000
66	38	-6.4776e-011	-4.1029e+001	-2.1480e-012	4.1506e+004	1.2829e-010	0.0000e+000
	94	6.4776e-011	4.1029e+001	2.1480e-012	-4.1506e+004	2.1966e-010	-8.3053e+003
67	35	-5.3287e-011	3.0989e+001	7.0366e-012	3.3652e+004	-1.0518e-010	0.0000e+000
	92	5.3287e-011	-3.0989e+001	-7.0366e-012	-3.3652e+004	-2.6289e-010	6.0746e+003
69	77	-8.3251e-011	-6.6323e+003	-2.6536e-013	5.7132e+004	7.9288e-011	-1.8162e+006
	78	8.3251e-011	6.6323e+003	2.6536e-013	-5.7132e+004	8.0867e-011	-2.3228e+006
70	76	-1.6127e-011	-4.6675e+003	1.2708e-013	-4.6077e+004	-4.5470e-011	-2.0473e+006
	77	1.6127e-011	4.6675e+003	-1.2708e-013	4.6077e+004	-3.5448e-011	-1.5655e+006
71	68	-3.4846e-011	-2.5794e+003	-1.0251e-013	-2.7602e+004	2.0843e-011	-1.2274e+006
	67	3.4846e-011	2.5794e+003	1.0251e-013	2.7602e+004	2.8439e-011	-1.5226e+006
72	69	-1.5815e-010	-4.5301e+003	6.5272e-014	-2.3798e+004	7.1080e-011	-1.9295e+006
	68	1.5815e-010	4.5301e+003	-6.5272e-014	2.3798e+004	-1.0006e-010	-1.5950e+006
73	81	-6.3194e+002	-4.0726e+003	1.0047e+003	-8.5539e+004	-2.6670e+005	-9.9995e+005
	83	6.3194e+002	4.0726e+003	-1.0047e+003	8.5539e+004	-2.6231e+005	-1.1549e+006
74	79	1.0203e+002	-1.3212e+003	2.1708e+002	7.0898e+004	-9.5058e+004	-5.9779e+005

	81	-1.0203e+002	1.3212e+003	-2.1708e+002	-7.0898e+004	-9.6672e+004	-5.6910e+005
75	76	-2.2776e+002	-1.6441e+003	3.1842e+002	2.4306e+005	-1.1918e+005	-6.3792e+005
	79	2.2776e+002	1.6441e+003	-3.1842e+002	-2.4306e+005	-1.3310e+005	-6.6461e+005
76	73	1.8472e+002	-1.5229e+003	2.5912e+002	-1.9588e+005	-1.0729e+005	-5.9847e+005
	76	-1.8472e+002	1.5229e+003	-2.5912e+002	1.9588e+005	-9.7995e+004	-6.0801e+005
77	70	1.1665e+002	-1.1199e+003	2.7567e+002	5.3923e+004	-1.1857e+005	-4.6267e+005
	73	-1.1665e+002	1.1199e+003	-2.7567e+002	-5.3923e+004	-1.2026e+005	-5.0761e+005
78	69	-4.5865e+002	-2.9652e+003	5.3189e+002	3.3070e+005	-1.3005e+005	-8.2625e+005
	70	4.5865e+002	2.9652e+003	-5.3189e+002	-3.3070e+005	-1.4552e+005	-7.1031e+005
79	74	-1.3136e+002	-2.7447e+003	1.8291e+002	-4.5535e+005	-8.3385e+004	-1.0342e+006
	77	1.3136e+002	2.7447e+003	-1.8291e+002	4.5535e+005	-6.0966e+004	-1.1318e+006
80	71	1.5738e+002	-1.8771e+003	2.4581e+002	4.7265e+004	-1.0570e+005	-7.9160e+005
	74	-1.5738e+002	1.8771e+003	-2.4581e+002	-4.7265e+004	-1.0749e+005	-8.3633e+005
81	68	-4.5510e+002	-4.9299e+003	4.0295e+002	5.7099e+005	-9.0762e+004	-1.3157e+006
	71	4.5510e+002	4.9299e+003	-4.0295e+002	-5.7099e+005	-1.1762e+005	-1.2337e+006
82	82	-5.1125e+002	-3.8962e+003	8.4618e+002	-7.9844e+004	-2.3752e+005	-1.0192e+006
	84	5.1125e+002	3.8962e+003	-8.4618e+002	7.9844e+004	-2.3382e+005	-1.1595e+006
83	80	8.7146e+001	-1.5196e+003	2.1726e+002	7.2460e+004	-9.4515e+004	-6.8062e+005
	82	-8.7146e+001	1.5196e+003	-2.1726e+002	-7.2460e+004	-9.6458e+004	-6.5506e+005
84	78	2.9173e+002	-1.6825e+003	2.8448e+002	2.6098e+005	-1.0816e+005	-6.6560e+005
	80	-2.9173e+002	1.6825e+003	-2.8448e+002	-2.6098e+005	-1.2284e+005	-7.0264e+005
85	75	-2.5316e+002	-1.5874e+003	2.3311e+002	-2.1392e+005	-9.9437e+004	-6.4624e+005
	78	2.5316e+002	1.5874e+003	-2.3311e+002	2.1392e+005	-8.9324e+004	-6.4075e+005
86	72	1.1733e+002	-1.1887e+003	2.5947e+002	6.1764e+004	-1.1452e+005	-4.9959e+005
	75	-1.1733e+002	1.1887e+003	-2.5947e+002	-6.1764e+004	-1.1476e+005	-5.5068e+005
87	67	-4.0735e+002	-3.0929e+003	5.3197e+002	2.5223e+005	-1.3466e+005	-8.7096e+005
	72	4.0735e+002	3.0929e+003	-5.3197e+002	-2.5223e+005	-1.4614e+005	-7.6328e+005
95	41	2.8319e+003	4.7229e+003	1.3318e+004	4.1505e+004	-2.7146e+006	8.8094e+005
	77	-2.8319e+003	-4.7229e+003	-1.3318e+004	-4.1505e+004	-2.9329e+006	1.2125e+006
98	38	-8.6222e+002	-7.2840e+003	-2.4357e+003	3.9995e+004	5.9892e+005	-1.3675e+006
	74	8.6222e+002	7.2840e+003	2.4357e+003	-3.9995e+004	4.9298e+005	-1.8705e+006
101	35	3.0424e+003	-7.6219e+003	-2.5124e+003	3.8256e+004	6.2446e+005	-1.5045e+006
	71	-3.0424e+003	7.6219e+003	2.5124e+003	-3.8256e+004	5.4788e+005	-2.0240e+006
104	32	-4.8266e+003	-4.6343e+003	-9.2296e+003	3.7442e+004	2.0831e+006	-9.0391e+005
	68	4.8266e+003	4.6343e+003	9.2296e+003	-3.7442e+004	2.2560e+006	-1.3423e+006
122	47	-1.6179e-011	-4.5661e+003	1.6822e-014	-1.6112e+004	-1.0482e-011	-2.1849e+006
	48	1.6179e-011	4.5661e+003	-1.6822e-014	1.6112e+004	-7.3867e-012	-2.1806e+006
123	41	1.2279e-011	-7.9841e+003	1.5154e-013	6.2595e+004	-2.6320e-011	-2.2962e+006
	42	-1.2279e-011	7.9841e+003	-1.5154e-013	-6.2595e+004	-4.8024e-011	-2.6866e+006
124	40	1.4628e-011	-5.2778e+003	-4.2351e-014	-4.7189e+004	1.4196e-011	-2.2024e+006
	41	-1.4628e-011	5.2778e+003	4.2351e-014	4.7189e+004	1.3590e-011	-1.8829e+006
125	32	-2.4599e-011	-2.8432e+003	-1.3660e-014	2.2967e+004	9.6992e-012	-1.4259e+006
	31	2.4599e-011	2.8432e+003	1.3660e-014	-2.2967e+004	5.2535e-012	-1.6052e+006
126	33	7.6407e-012	-5.1642e+003	-4.8735e-014	-2.7952e+004	2.0971e-011	-2.1144e+006
	32	-7.6407e-012	5.1642e+003	4.8735e-014	2.7952e+004	1.3978e-011	-1.9034e+006
127	45	5.9676e-011	-6.3174e+003	-2.6129e-013	-1.7444e+005	-1.3821e-010	-1.5672e+006
	47	-5.9676e-011	6.3174e+003	2.6129e-013	1.7444e+005	2.6730e-010	-1.7577e+006
128	43	1.7371e-011	-2.0772e+003	9.7122e-014	-4.7760e+004	-1.7236e-010	-9.3818e+005
	45	-1.7371e-011	2.0772e+003	-9.7122e-014	4.7760e+004	1.1488e-010	-8.9617e+005
129	40	3.5771e-011	-2.6525e+003	-2.8763e-013	1.4769e+005	-2.3380e-010	-1.0384e+006
	43	-3.5771e-011	2.6525e+003	2.8763e-013	-1.4769e+005	3.1183e-010	-1.0625e+006

130	37	3.5771e-011	-2.5740e+003	1.6675e-013	-1.0874e+005	4.3318e-011	-1.0199e+006
	40	-3.5771e-011	2.5740e+003	-1.6675e-013	1.0874e+005	-2.3014e-010	-1.0187e+006
131	34	1.7724e-011	-1.9770e+003	5.4406e-014	4.6810e+004	-9.3588e-011	-8.2634e+005
	37	-1.7724e-011	1.9770e+003	-5.4406e-014	-4.6810e+004	6.7107e-011	-8.8598e+005
132	33	-2.3581e-011	-5.5452e+003	-5.7184e-013	1.9703e+005	1.9834e-010	-1.5171e+006
	34	2.3581e-011	5.5452e+003	5.7184e-013	-1.9703e+005	1.1041e-010	-1.3553e+006
133	38	2.8556e-011	-3.8982e+003	-4.3254e-013	-3.1817e+005	5.8527e-011	-1.5013e+006
	41	-2.8556e-011	3.8982e+003	4.3254e-013	3.1817e+005	3.3862e-011	-1.5744e+006
134	35	1.2263e-011	-2.9124e+003	-2.0462e-013	4.4961e+004	6.6812e-011	-1.2432e+006
	38	-1.2263e-011	2.9124e+003	2.0462e-013	-4.4961e+004	5.0012e-011	-1.2819e+006
135	32	-7.4722e-011	-7.9809e+003	1.0835e-012	4.0215e+005	-2.3878e-010	-2.1088e+006
	35	7.4722e-011	7.9809e+003	-1.0835e-012	-4.0215e+005	-6.1119e-011	-2.0177e+006
136	46	6.0540e-011	-6.0775e+003	2.4001e-012	-1.7406e+005	-3.1439e-010	-1.5977e+006
	48	-6.0540e-011	6.0775e+003	-2.4001e-012	1.7406e+005	-2.0630e-010	-1.7863e+006
137	44	-1.0921e-011	-2.2392e+003	7.8664e-014	5.6329e+004	-2.1908e-010	-9.9936e+005
	46	1.0921e-011	2.2392e+003	-7.8664e-014	-5.6329e+004	1.0408e-010	-9.6851e+005
138	42	2.4785e-011	-2.6027e+003	2.2308e-013	1.6496e+005	-3.3389e-010	-1.0422e+006
	44	-2.4785e-011	2.6027e+003	-2.2308e-013	-1.6496e+005	8.5887e-011	-1.0711e+006
139	39	1.3020e-011	-2.5958e+003	7.5794e-014	-1.3986e+005	-6.9924e-011	-1.0596e+006
	42	-1.3020e-011	2.5958e+003	-7.5794e-014	1.3986e+005	5.6275e-011	-1.0423e+006
140	31	-8.9965e-011	-5.8170e+003	-1.1435e-012	1.4912e+005	1.3223e-010	-1.6099e+006
	36	8.9965e-011	5.8170e+003	1.1435e-012	-1.4912e+005	1.5900e-010	-1.4605e+006
141	54	5.1666e+001	-7.2993e+002	2.8838e+002	-1.8382e+005	-1.1317e+005	-2.5163e+005
	55	-5.1666e+001	7.2993e+002	-2.8838e+002	1.8382e+005	-1.0358e+005	-2.9896e+005
142	53	-5.2646e+000	-4.7746e+002	2.8674e+002	-2.3473e+005	-1.1961e+005	-1.8922e+005
	54	5.2646e+000	4.7746e+002	-2.8674e+002	2.3473e+005	-1.1218e+005	-1.9581e+005
143	52	3.9785e+000	-3.6873e+002	3.5354e+002	-2.4164e+005	-1.4955e+005	-1.3942e+005
	53	-3.9785e+000	3.6873e+002	-3.5354e+002	2.4164e+005	-1.3761e+005	-1.5983e+005
144	51	-3.8080e+001	-5.1040e+002	4.1039e+002	2.5520e+005	-1.5771e+005	-2.3549e+005
	52	3.8080e+001	5.1040e+002	-4.1039e+002	-2.5520e+005	-1.7366e+005	-1.7649e+005
145	30	-6.2925e+001	-1.3377e+003	3.0753e+002	-1.8401e+005	-1.1851e+005	-4.4312e+005
	49	6.2925e+001	1.3377e+003	-3.0753e+002	1.8401e+005	-1.0792e+005	-5.4169e+005
146	56	9.5487e+000	-8.5644e+002	3.0118e+002	-1.5919e+005	-1.2175e+005	-3.4128e+005
	30	-9.5487e+000	8.5644e+002	-3.0118e+002	1.5919e+005	-1.1657e+005	-3.3568e+005
147	29	-4.5058e+000	-7.8987e+002	3.3223e+002	-1.2934e+005	-1.3443e+005	-3.0389e+005
	56	4.5058e+000	7.8987e+002	-3.3223e+002	1.2934e+005	-1.2997e+005	-3.2437e+005
148	50	3.6418e+001	-8.8742e+002	3.8517e+002	1.1060e+005	-1.4853e+005	-3.7385e+005
	29	-3.6418e+001	8.8742e+002	-3.8517e+002	-1.1060e+005	-1.5603e+005	-3.2809e+005
159	21	7.1447e+003	1.1472e+004	8.0956e+003	-2.2427e+004	-2.0052e+006	3.3892e+006
	41	-7.1447e+003	-1.1472e+004	-8.0956e+003	2.2427e+004	-1.2391e+006	1.2608e+006
161	20	-1.8709e+003	-1.3429e+004	-3.2279e+003	-2.2427e+004	1.3190e+006	-3.6422e+006
	38	1.8709e+003	1.3429e+004	3.2279e+003	2.2427e+004	-3.7404e+005	-1.7560e+006
164	19	8.0732e+003	-1.4555e+004	-3.2346e+003	-2.2427e+004	1.3006e+006	-3.7876e+006
	35	-8.0732e+003	1.4555e+004	3.2346e+003	2.2427e+004	-3.6138e+005	-2.0504e+006
167	18	-1.2812e+004	-1.2900e+004	-6.8411e+003	-2.2427e+004	1.7861e+006	-3.5761e+006
	32	1.2812e+004	1.2900e+004	6.8411e+003	2.2427e+004	9.6153e+005	-1.6104e+006
88	48	4.1448e+003	8.6682e+003	-5.0833e+003	4.3713e+004	1.2479e+006	1.6019e+006
	84	-4.1448e+003	-8.6682e+003	5.0833e+003	-4.3713e+004	7.1280e+005	1.6563e+006
89	47	4.4637e+003	-5.1153e+003	-8.0169e+003	4.3713e+004	1.6484e+006	-1.0594e+006
	83	-4.4637e+003	5.1153e+003	8.0169e+003	-4.3713e+004	1.3755e+006	-9.4595e+005
90	46	-2.4404e+003	-7.5428e+003	-3.5427e+003	4.2032e+004	7.4590e+005	-1.4376e+006

	82	2.4404e+003	7.5428e+003	3.5427e+003	-4.2032e+004	7.0836e+005	-1.5149e+006
91	45	-2.7316e+003	-5.9428e+003	-5.1204e+003	4.2032e+004	1.0602e+006	-1.1144e+006
	81	2.7316e+003	5.9428e+003	5.1204e+003	-4.2032e+004	9.8156e+005	-1.2252e+006
92	44	3.5804e+002	-6.0110e+003	-2.9105e+003	4.0475e+004	6.4925e+005	-1.1728e+006
	80	-3.5804e+002	6.0110e+003	2.9105e+003	-4.0475e+004	5.8270e+005	-1.2702e+006
93	43	3.3762e+002	-4.6525e+003	-3.9965e+003	4.0475e+004	8.6445e+005	-9.0894e+005
	79	-3.3762e+002	4.6525e+003	3.9965e+003	-4.0475e+004	7.9639e+005	-1.0001e+006
94	42	6.5209e+003	7.9300e+003	-6.7294e+003	3.8661e+004	1.3953e+006	1.5994e+006
	78	-6.5209e+003	-7.9300e+003	6.7294e+003	-3.8661e+004	1.4662e+006	1.7653e+006
96	40	-4.6578e+003	-5.8181e+003	-7.3615e+003	3.8661e+004	1.5553e+006	-1.2018e+006
	76	4.6578e+003	5.8181e+003	7.3615e+003	-3.8661e+004	1.5744e+006	-1.2736e+006
97	39	-4.1912e+002	-4.7581e+003	-2.2565e+003	3.7255e+004	5.4299e+005	-9.9142e+005
	75	4.1912e+002	4.7581e+003	2.2565e+003	-3.7255e+004	4.9899e+005	-1.1106e+006
99	37	-4.0460e+002	-3.6762e+003	-3.3437e+003	3.7255e+004	7.8681e+005	-7.7827e+005
	73	4.0460e+002	3.6762e+003	3.3437e+003	-3.7255e+004	7.2447e+005	-8.6595e+005
100	36	1.9163e+003	-4.8154e+003	-2.5038e+003	3.5636e+004	6.5706e+005	-1.0601e+006
	72	-1.9163e+003	4.8154e+003	2.5038e+003	-3.5636e+004	5.4907e+005	-1.1636e+006
102	34	1.8481e+003	-3.8482e+003	-3.4162e+003	3.5636e+004	8.2666e+005	-8.6115e+005
	70	-1.8481e+003	3.8482e+003	3.4162e+003	-3.5636e+004	7.7615e+005	-9.2810e+005
103	33	-5.6123e+003	4.5693e+003	-5.8993e+003	3.4877e+004	1.3741e+006	1.0435e+006
	69	5.6123e+003	-4.5693e+003	5.8993e+003	-3.4877e+004	1.4073e+006	1.1134e+006
105	31	4.3017e+003	4.6834e+003	-4.5611e+003	3.4877e+004	1.1227e+006	1.0405e+006
	67	-4.3017e+003	-4.6834e+003	4.5611e+003	-3.4877e+004	1.0357e+006	1.1676e+006
106	60	-9.0108e+002	-8.3299e+003	-2.1428e+004	-7.0764e+004	1.1063e+006	6.7011e+005
	39	9.0108e+002	8.3299e+003	2.1428e+004	7.0764e+004	-6.0104e+005	-9.1488e+005
107	13	-1.1986e+003	-6.9284e+003	-5.1325e+003	2.0212e+004	1.5219e+006	-1.8088e+006
	60	1.1986e+003	6.9284e+003	5.1325e+003	-2.0212e+004	1.1266e+006	-7.7199e+005
108	61	1.4389e+004	1.0728e+004	-1.7444e+004	-3.5020e+005	6.3246e+005	-6.4899e+005
	42	-1.4389e+004	-1.0728e+004	1.7444e+004	3.5020e+005	6.9283e+005	1.1212e+006
109	14	1.4380e+004	8.0088e+003	-5.6262e+003	4.8258e+004	1.7676e+006	1.9963e+006
	61	-1.4380e+004	-8.0088e+003	5.6262e+003	-4.8258e+004	6.8545e+005	8.5751e+005
110	62	7.2283e+002	-7.1106e+003	-1.0870e+004	-1.1679e+005	8.5237e+005	5.7884e+005
	44	-7.2283e+002	7.1106e+003	1.0870e+004	1.1679e+005	-6.0595e+005	-8.2554e+005
111	15	7.5611e+002	-7.0013e+003	-4.1578e+003	2.2077e+004	1.5250e+006	-1.8511e+006
	62	-7.5611e+002	7.0013e+003	4.1578e+003	-2.2077e+004	-9.0328e+005	-7.6166e+005
112	63	-6.1901e+003	-7.5596e+003	-6.4739e+003	-4.1497e+005	7.4659e+005	6.6818e+005
	46	6.1901e+003	7.5596e+003	6.4739e+003	4.1497e+005	-7.0047e+005	-1.0012e+006
113	16	-5.9332e+003	-7.2375e+003	-4.2841e+003	-6.8094e+004	1.6176e+006	-1.9107e+006
	63	5.9332e+003	7.2375e+003	4.2841e+003	6.8094e+004	-7.7858e+005	-7.6228e+005
114	64	-2.0823e+003	-2.6264e+003	-7.8899e+003	1.7817e+005	-4.5195e+005	2.7456e+005
	55	2.0823e+003	2.6264e+003	7.8899e+003	-1.7817e+005	8.3762e+005	-4.1538e+005
115	10	-2.0921e+003	-2.3177e+003	-6.4986e+003	1.2203e+005	1.8291e+006	-5.3257e+005
	64	2.0921e+003	2.3177e+003	6.4986e+003	-1.2203e+005	4.5299e+005	-3.1738e+005
116	59	3.2020e+002	1.7577e+003	-7.8862e+003	1.6670e+005	5.1938e+005	-3.3139e+005
	54	-3.2020e+002	-1.7577e+003	7.8862e+003	-1.6670e+005	1.8113e+005	4.3013e+005
117	9	3.3961e+002	-2.8801e+003	-4.6506e+003	1.0301e+005	1.5075e+006	-6.2487e+005
	59	-3.3961e+002	2.8801e+003	4.6506e+003	-1.0301e+005	5.0456e+005	-4.1329e+005
118	57	-1.4999e+002	3.6141e+003	-1.6908e+004	1.0676e+005	1.7519e+006	5.2248e+005
	52	1.4999e+002	-3.6141e+003	1.6908e+004	-1.0676e+005	4.5895e+005	-3.0436e+005
119	7	-6.1876e+001	-3.4260e+003	-8.0358e+003	7.1664e+004	1.7561e+006	-7.2129e+005
	57	6.1876e+001	3.4260e+003	8.0358e+003	-7.1664e+004	1.7431e+006	-5.5202e+005

120	58	-1.1224e+002	1.8329e+003	-1.1488e+004	3.4842e+005	1.1041e+006	3.9910e+005
	53	1.1224e+002	-1.8329e+003	1.1488e+004	-3.4842e+005	1.2584e+005	-3.3164e+005
121	8	-1.1413e+002	-3.2057e+003	-6.3907e+003	1.1666e+005	1.6784e+006	-6.9011e+005
	58	1.1413e+002	3.2057e+003	6.3907e+003	-1.1666e+005	1.0918e+006	-4.7159e+005
149	1	1.1710e+003	-2.0915e+003	-5.9482e+003	7.3757e+004	2.1062e+006	-6.0716e+005
	50	-1.1710e+003	2.0915e+003	5.9482e+003	-7.3757e+004	9.2253e+005	-4.5805e+005
150	5	2.3530e+003	-3.9512e+003	-6.3998e+003	9.2698e+004	1.8155e+006	-9.3102e+005
	49	-2.3530e+003	3.9512e+003	6.3998e+003	-9.2698e+004	7.8215e+005	-6.7197e+005
151	4	-5.0336e+002	-3.9480e+003	-3.5086e+003	8.7308e+004	1.4019e+006	-9.1995e+005
	30	5.0336e+002	3.9480e+003	3.5086e+003	-8.7308e+004	1.1189e+005	-7.7773e+005
152	2	-1.2638e+002	-2.8618e+003	-3.7314e+003	7.8214e+004	1.6227e+006	-7.4204e+005
	29	1.2638e+002	2.8618e+003	3.7314e+003	-7.8214e+004	1.7221e+005	-6.3161e+005
153	3	7.4921e+001	-3.2369e+003	-3.2628e+003	8.2511e+004	1.4373e+006	-8.0718e+005
	56	-7.4921e+001	3.2369e+003	3.2628e+003	-8.2511e+004	4.8990e+004	-6.6560e+005
154	6	-1.3898e+003	1.6140e+003	-5.7305e+003	7.3757e+004	2.0683e+006	5.3820e+005
	51	1.3898e+003	-1.6140e+003	5.7305e+003	-7.3757e+004	8.5352e+005	2.9668e+005
155	17	1.0285e+004	6.8699e+003	-5.8999e+003	-2.0891e+004	1.9406e+006	1.9049e+006
	48	-1.0285e+004	-6.8699e+003	5.8999e+003	2.0891e+004	5.4357e+005	8.7623e+005
156	28	1.1373e+004	5.9875e+003	-6.6788e+003	-2.0891e+004	2.0736e+006	1.7412e+006
	47	-1.1373e+004	-5.9875e+003	6.6788e+003	2.0891e+004	6.9085e+005	7.1924e+005
157	27	-6.9663e+003	-5.7715e+003	-5.5835e+003	-2.0891e+004	1.8603e+006	-1.6323e+006
	45	6.9663e+003	5.7715e+003	5.5835e+003	2.0891e+004	7.5889e+005	-9.4417e+005
158	26	9.3072e+002	-5.4599e+003	-5.0841e+003	-2.0891e+004	1.7599e+006	-1.5795e+006
	43	-9.3072e+002	5.4599e+003	5.0841e+003	2.0891e+004	7.1273e+005	-8.5410e+005
160	25	-9.9043e+003	-6.2663e+003	-6.6400e+003	-2.0891e+004	1.9812e+006	-1.7067e+006
	40	9.9043e+003	6.2663e+003	6.6400e+003	2.0891e+004	7.9090e+005	-8.9532e+005
162	24	-1.0002e+003	-5.5017e+003	-5.1920e+003	-2.0891e+004	1.7265e+006	-1.5468e+006
	37	1.0002e+003	5.5017e+003	5.1920e+003	2.0891e+004	7.3523e+005	-8.9271e+005
163	12	5.5817e+003	-7.2291e+003	-4.3957e+003	-2.0891e+004	1.5467e+006	-1.8408e+006
	36	-5.5817e+003	7.2291e+003	4.3957e+003	2.0891e+004	7.9896e+005	-1.1460e+006
165	23	5.3994e+003	-5.9897e+003	-5.4907e+003	-2.0891e+004	1.7374e+006	-1.5905e+006
	34	-5.3994e+003	5.9897e+003	5.4907e+003	2.0891e+004	8.2252e+005	-1.0226e+006
166	22	-1.3321e+004	5.9564e+003	-6.3666e+003	-2.0891e+004	1.8982e+006	1.6370e+006
	33	1.3321e+004	-5.9564e+003	6.3666e+003	2.0891e+004	7.4358e+005	8.1683e+005
168	11	-1.1326e+004	6.8694e+003	-5.1097e+003	-2.0891e+004	1.6996e+006	1.8100e+006
	31	1.1326e+004	-6.8694e+003	5.1097e+003	2.0891e+004	5.7658e+005	9.7410e+005

SFORZI "Dinamica SLVh X" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:55.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	1.0181e+003	-1.5350e-014	7.0034e+001	4.1977e+003	-2.6828e+004	0.0000e+000
	124	-1.0181e+003	1.5350e-014	-7.0034e+001	-4.1977e+003	-2.6662e+004	0.0000e+000
2	125	-4.2312e+002	-3.4708e+002	5.7758e+002	-1.3609e+003	-2.9517e+004	-8.6510e+003
	122	4.2312e+002	3.4708e+002	-5.7758e+002	1.3609e+003	-1.2620e+005	-8.4434e+004
3	121	-5.8588e+002	-3.4708e+002	-4.4568e+002	1.0020e+003	8.5012e+004	-9.6692e+004
	125	5.8588e+002	3.4708e+002	4.4568e+002	-1.0020e+003	3.1793e+004	6.3588e+003
4	124	-2.4728e+003	-5.8602e+002	-4.9412e+002	4.6591e+003	4.9956e+004	1.6520e+004
	120	2.4728e+003	5.8602e+002	4.9412e+002	-4.6591e+003	7.4669e+004	-1.6302e+005
5	119	-2.6430e+003	-5.8602e+002	5.4191e+002	4.7151e+003	-9.1808e+004	-1.2810e+005
	124	2.6430e+003	5.8602e+002	-5.4191e+002	-4.7151e+003	-4.5679e+004	-1.9675e+004
8	122	-2.5616e+003	3.2599e-015	9.6058e+001	-2.7306e+003	-3.4863e+004	0.0000e+000

	120	2.5616e+003	-3.2599e-015	-9.6058e+001	2.7306e+003	-3.2919e+004	0.0000e+000
9	121	-2.3784e+003	0.0000e+000	5.3421e+001	1.6837e+003	-2.1764e+004	0.0000e+000
	119	2.3784e+003	0.0000e+000	-5.3421e+001	-1.6837e+003	-2.3134e+004	0.0000e+000
10	122	7.8686e+002	-3.4708e+002	-1.9351e+003	-1.4957e+003	1.4023e+005	8.4309e+004
	63	-7.8686e+002	3.4708e+002	1.9351e+003	1.4957e+003	2.3385e+005	-1.5135e+005
11	62	-5.6488e+002	-3.4708e+002	1.8660e+003	-1.6774e+003	-2.1015e+005	-1.5187e+005
	121	5.6488e+002	3.4708e+002	-1.8660e+003	1.6774e+003	-8.3856e+004	9.7236e+004
12	120	-2.3617e+003	-5.8602e+002	2.0869e+003	4.6724e+003	-7.1265e+004	1.6511e+005
	64	2.3617e+003	5.8602e+002	-2.0869e+003	-4.6724e+003	-1.3921e+005	-2.2372e+005
13	59	-2.8256e+003	-5.8602e+002	-1.8511e+003	5.1007e+003	1.7611e+005	-2.1483e+005
	119	2.8256e+003	5.8602e+002	1.8511e+003	-5.1007e+003	9.8692e+004	1.2807e+005
14	118	-4.5049e+003	-3.4323e-015	4.5276e+001	2.7212e+003	-2.2031e+004	0.0000e+000
	117	4.5049e+003	3.4323e-015	-4.5276e+001	-2.7212e+003	-1.9161e+004	0.0000e+000
15	118	1.1674e+003	-4.0016e+002	-3.8716e+003	4.2253e+003	1.1080e+005	1.2355e+005
	62	-1.1674e+003	4.0016e+002	3.8716e+003	-4.2253e+003	2.7221e+005	-1.6311e+005
16	116	5.1397e+002	-4.0016e+002	5.1731e+002	-3.2551e+003	-2.9198e+004	2.2859e+004
	118	-5.1397e+002	4.0016e+002	-5.1731e+002	3.2551e+003	-1.0070e+005	-1.2210e+005
17	117	-5.5053e+003	-4.8458e+002	3.9931e+003	-4.2988e+003	-1.0525e+005	1.4763e+005
	59	5.5053e+003	4.8458e+002	-3.9931e+003	4.2988e+003	-2.8729e+005	-1.9515e+005
18	115	-5.7068e+003	-4.8458e+002	-5.3142e+002	-4.4873e+003	2.9462e+004	2.3792e+004
	117	5.7068e+003	4.8458e+002	5.3142e+002	4.4873e+003	1.0671e+005	-1.4597e+005
19	116	8.6705e+002	1.1403e-015	3.6144e+001	3.1678e+003	-1.7369e+004	0.0000e+000
	115	-8.6705e+002	-1.1403e-015	-3.6144e+001	-3.1678e+003	-1.7020e+004	0.0000e+000
20	114	-1.3110e+003	-9.5529e-015	3.7349e+001	1.9215e+003	-1.7283e+004	0.0000e+000
	113	1.3110e+003	9.5529e-015	-3.7349e+001	-1.9215e+003	-2.1007e+004	0.0000e+000
21	114	5.0264e+002	-4.0016e+002	-3.7936e+002	-2.8553e+003	6.8127e+004	-8.0236e+004
	116	-5.0264e+002	4.0016e+002	3.7936e+002	2.8553e+003	3.2486e+004	-2.4477e+004
22	113	-5.9442e+003	-4.8458e+002	2.8950e+002	-4.7255e+003	-5.4651e+004	-9.7441e+004
	115	5.9442e+003	4.8458e+002	-2.8950e+002	4.7255e+003	-2.0277e+004	-2.6018e+004
23	61	3.8327e+002	-4.0016e+002	8.8552e+002	-2.4171e+003	-1.2198e+005	-1.6086e+005
	114	-3.8327e+002	4.0016e+002	-8.8552e+002	2.4171e+003	-5.8168e+004	7.9622e+004
24	58	-6.1891e+003	-4.8458e+002	-1.0240e+003	5.2688e+003	1.3775e+005	-1.9397e+005
	113	6.1891e+003	4.8458e+002	1.0240e+003	-5.2688e+003	6.8617e+004	9.6579e+004
25	112	-1.0390e+004	-4.1800e-016	3.2938e+001	4.9878e+003	-2.1156e+004	0.0000e+000
	111	1.0390e+004	4.1800e-016	-3.2938e+001	-4.9878e+003	-1.5471e+004	0.0000e+000
26	112	1.5911e+003	-4.0512e+002	-9.8188e+003	5.1758e+003	9.1419e+004	1.4540e+005
	61	-1.5911e+003	4.0512e+002	9.8188e+003	-5.1758e+003	3.7097e+005	-1.6445e+005
27	110	-6.4386e+002	-4.0512e+002	3.6489e+002	2.3501e+003	-1.9577e+004	3.9291e+004
	112	6.4386e+002	4.0512e+002	-3.6489e+002	-2.3501e+003	-7.7639e+004	-1.4253e+005
28	111	-3.4905e+003	-4.8357e+002	9.9996e+003	4.1472e+003	-8.0013e+004	1.7351e+005
	58	3.4905e+003	4.8357e+002	-9.9996e+003	-4.1472e+003	-4.1173e+005	-1.9722e+005
29	109	-3.6290e+003	-4.8357e+002	-3.8998e+002	-3.7737e+003	1.9715e+004	4.8303e+004
	111	3.6290e+003	4.8357e+002	3.8998e+002	3.7737e+003	8.5674e+004	-1.6986e+005
30	110	5.5381e+002	2.3454e-016	2.7857e+001	3.2122e+003	-1.6164e+004	0.0000e+000
	109	-5.5381e+002	-2.3454e-016	-2.7857e+001	-3.2122e+003	-1.5685e+004	0.0000e+000
31	108	-5.9633e+002	-4.0512e+002	-2.3129e+002	2.2527e+003	3.8502e+004	-5.9000e+004
	110	5.9633e+002	4.0512e+002	2.3129e+002	-2.2527e+003	2.2378e+004	-4.1040e+004
32	107	-3.9292e+003	-4.8357e+002	1.1495e+002	4.3774e+003	-3.1031e+004	-7.1202e+004
	109	3.9292e+003	4.8357e+002	-1.1495e+002	-4.3774e+003	8.0660e+003	-5.0476e+004
33	108	-5.0528e+002	1.0298e-015	2.2999e+001	2.5138e+003	-1.2815e+004	0.0000e+000
	107	5.0528e+002	-1.0298e-015	-2.2999e+001	-2.5138e+003	-1.4933e+004	0.0000e+000

34	60	-7.2003e+002	-4.0512e+002	-2.7869e+002	2.3437e+003	4.5860e+004	-1.6334e+005
	108	7.2003e+002	4.0512e+002	2.7869e+002	-2.3437e+003	2.7095e+004	5.7750e+004
35	57	-4.2215e+003	-4.8357e+002	-4.1652e+002	4.5929e+003	6.5896e+004	-1.9474e+005
	107	4.2215e+003	4.8357e+002	4.1652e+002	-4.5929e+003	4.3155e+004	6.9570e+004
36	60	-1.5142e+004	-6.7038e-018	2.6548e+001	8.0786e+003	-1.6543e+004	0.0000e+000
	57	1.5142e+004	6.7038e-018	-2.6548e+001	-8.0786e+003	-1.7205e+004	0.0000e+000
37	65	2.0479e+002	-1.4414e-012	-4.0623e+002	-1.5271e+003	2.0481e+004	6.6685e+003
	60	-2.0479e+002	1.4414e-012	4.0623e+002	1.5271e+003	8.4487e+004	-6.6685e+003
38	66	3.3628e+002	4.8703e-013	-4.3528e+002	-3.3570e+002	1.8201e+004	-6.8329e+003
	57	-3.3628e+002	-4.8703e-013	4.3528e+002	3.3570e+002	9.9431e+004	6.8329e+003
68	65	-2.0298e+002	-4.1156e-015	2.8570e+001	6.8412e+003	-2.0481e+004	0.0000e+000
	66	2.0298e+002	4.1156e-015	-2.8570e+001	-6.8412e+003	-1.8201e+004	0.0000e+000
6	53	-2.5115e+003	1.8781e+001	2.6145e+000	5.5789e+000	-7.4611e+002	1.0719e+004
	105	2.5115e+003	-1.8781e+001	-2.6145e+000	-5.5789e+000	-7.4602e+002	7.4405e-011
7	106	-2.6994e+003	-3.5215e+001	-1.7387e+002	-1.1558e+002	8.8601e+003	1.4572e-010
	77	2.6994e+003	3.5215e+001	1.7387e+002	1.1558e+002	8.8635e+003	-3.5898e+003
39	89	1.3058e-009	6.6439e-011	1.3102e-010	-3.5567e-010	-1.9927e-009	-5.2912e-009
	91	-1.3058e-009	-6.6439e-011	-1.3102e-010	3.5567e-010	-2.7232e-009	8.7369e-009
40	88	1.7940e-009	2.5581e-010	1.0987e-010	-1.2057e-009	-1.2432e-009	1.6890e-009
	90	-1.7940e-009	-2.5581e-010	-1.0987e-010	1.2057e-009	-4.3919e-009	3.1305e-009
41	89	-3.0564e-011	1.4728e+003	-6.8615e-014	9.3669e+004	2.6051e-011	6.7507e+005
	88	3.0564e-011	-1.4728e+003	6.8615e-014	-9.3669e+004	2.4776e-011	6.4704e+005
42	83	-1.0772e+004	1.4142e+003	-5.6497e+002	6.7372e+005	1.0693e+005	3.6347e+005
	89	1.0772e+004	-1.4142e+003	5.6497e+002	-6.7372e+005	8.2474e+004	1.1114e+005
43	84	-1.0725e+004	-1.4334e+003	-6.0060e+002	6.5388e+005	1.1086e+005	-5.1249e+005
	88	1.0725e+004	1.4334e+003	6.0060e+002	-6.5388e+005	8.6881e+004	4.0993e+004
44	87	1.6548e-010	-2.1248e-011	8.2938e-011	3.7651e-010	-4.0511e-009	-9.5050e-010
	69	-1.6548e-010	2.1248e-011	-8.2938e-011	-3.7651e-010	-3.7904e-009	-1.2197e-009
45	67	-5.9319e-010	-2.4888e-011	8.8107e-011	6.9549e-010	-6.7886e-009	-1.4076e-009
	86	5.9319e-010	2.4888e-011	-8.8107e-011	-6.9549e-010	9.8310e-010	-1.0945e-009
46	99	7.5007e-012	8.7081e+002	-1.1581e-014	2.2394e+004	2.8451e-012	6.5650e+005
	98	-7.5007e-012	-8.7081e+002	1.1581e-014	-2.2394e+004	3.9120e-012	6.3744e+005
47	98	4.0864e-010	-6.9153e-011	-2.6734e-011	1.2870e-011	1.4018e-009	-4.3441e-009
	85	-4.0864e-010	6.9153e-011	2.6734e-011	-1.2870e-011	9.3340e-010	-1.2822e-009
48	104	4.0864e-010	-5.3099e-011	1.5435e-011	-2.4720e-010	-3.3255e-009	-1.8983e-009
	99	-4.0864e-010	5.3099e-011	-1.5435e-011	2.4720e-010	2.8729e-009	-2.1518e-009
49	103	1.1732e-010	1.8920e-010	-1.3645e-011	-8.3620e-011	-1.3084e-009	5.6324e-009
	100	-1.1732e-010	-1.8920e-010	1.3645e-011	8.3620e-011	1.6344e-009	7.1438e-009
50	101	1.1732e-010	-6.4220e-011	-2.6734e-011	2.3490e-010	1.4018e-009	2.7231e-009
	102	-1.1732e-010	6.4220e-011	2.6734e-011	-2.3490e-010	9.3340e-010	-4.9527e-009
51	100	-1.6271e-011	1.0922e+003	4.7410e-014	3.8285e+004	-1.4693e-011	4.3246e+005
	101	1.6271e-011	-1.0922e+003	-4.7410e-014	-3.8285e+004	-8.5270e-012	4.5447e+005
52	49	-2.9793e+004	-1.3811e+003	-2.4904e+003	4.6026e+005	1.9440e+005	-1.6197e+005
	101	2.9793e+004	1.3811e+003	2.4904e+003	-4.6026e+005	1.5448e+005	-3.8285e+004
53	55	-3.1763e+004	-1.5597e+003	-2.5076e+003	4.3520e+005	1.9640e+005	-2.7365e+005
	100	3.1763e+004	1.5597e+003	2.5076e+003	-4.3520e+005	1.6322e+005	6.0193e+004
54	99	-1.0493e+004	-9.4379e+002	-4.4189e+003	-6.4836e+005	1.4733e+005	-1.1759e+005
	51	1.0493e+004	9.4379e+002	4.4189e+003	6.4836e+005	1.6907e+005	5.2285e+004
55	98	-9.4146e+003	8.2519e+002	-3.8253e+003	-6.3925e+005	1.2282e+005	-2.2394e+004
	50	9.4146e+003	-8.2519e+002	3.8253e+003	6.3925e+005	1.4499e+005	7.7780e+004
56	97	3.6946e-011	-7.2081e+001	-5.8823e-013	2.8225e+004	3.8494e-011	-2.8415e+004

	96	-3.6946e-011	7.2081e+001	5.8823e-013	-2.8225e+004	1.4614e-010	0.0000e+000
57	95	-3.4257e-011	-7.2081e+001	-3.1504e-013	2.6911e+004	2.4201e-010	0.0000e+000
	97	3.4257e-011	7.2081e+001	3.1504e-013	-2.6911e+004	-2.6668e-011	-1.8832e+004
58	93	2.7151e-011	-5.0702e-014	-2.2094e-013	-4.7266e+004	2.8036e-011	0.0000e+000
	97	-2.7151e-011	5.0702e-014	2.2094e-013	4.7266e+004	5.4252e-011	0.0000e+000
59	93	4.7552e-011	4.7957e+001	7.0481e-013	2.8399e+004	-4.7345e-011	1.8297e+004
	36	-4.7552e-011	-4.7957e+001	-7.0481e-013	-2.8399e+004	-1.1923e-010	0.0000e+000
60	92	4.7552e-011	4.7957e+001	1.0829e-013	3.8607e+004	-1.3908e-010	-9.2489e+003
	93	-4.7552e-011	-4.7957e+001	-1.0829e-013	-3.8607e+004	5.2103e-011	2.7504e+004
61	96	-4.8068e-011	-2.7837e+003	2.3880e-012	-5.0163e+004	-6.2992e-010	4.1727e+005
	39	4.8068e-011	2.7837e+003	-2.3880e-012	5.0163e+004	-1.1788e-010	-1.2314e+006
62	36	2.4032e-011	-2.7139e+003	-2.0991e-013	-4.7225e+004	-1.4129e-010	-1.1579e+006
	96	-2.4032e-011	2.7139e+003	2.0991e-013	4.7225e+004	1.4867e-010	-4.4567e+005
63	95	7.1809e-011	6.6137e+001	-3.8826e-013	-5.1028e+003	2.9862e-011	2.8667e+004
	94	-7.1809e-011	-6.6137e+001	3.8826e-013	5.1028e+003	1.6091e-010	0.0000e+000
64	92	7.1809e-011	-7.4306e+000	3.5219e-013	9.0138e+002	-1.3363e-010	0.0000e+000
	95	-7.1809e-011	7.4306e+000	-3.5219e-013	-9.0138e+002	-6.1769e-011	-3.2208e+003
65	94	1.0326e-011	1.0557e+001	-1.1030e-013	4.1462e+004	8.2213e-011	6.1409e+003
	39	-1.0326e-011	-1.0557e+001	1.1030e-013	-4.1462e+004	-6.3404e-011	0.0000e+000
66	38	4.4038e-011	-5.5590e+001	-7.2279e-013	4.1452e+004	4.2520e-010	0.0000e+000
	94	-4.4038e-011	5.5590e+001	7.2279e-013	-4.1452e+004	-1.6072e-010	-1.1253e+004
67	35	6.1386e-011	4.1979e+001	-6.4568e-012	3.8637e+004	3.6188e-010	0.0000e+000
	92	-6.1386e-011	-4.1979e+001	6.4568e-012	-3.8637e+004	8.4119e-011	8.2289e+003
69	77	1.4526e-010	4.2031e+003	-2.5082e-013	6.7606e+004	-3.9343e-011	1.1507e+006
	78	-1.4526e-010	-4.2031e+003	2.5082e-013	-6.7606e+004	1.7732e-010	1.4727e+006
70	76	1.8779e-011	2.9653e+003	1.9225e-013	-5.8337e+004	-6.4554e-011	1.3008e+006
	77	-1.8779e-011	-2.9653e+003	-1.9225e-013	5.8337e+004	-4.6082e-011	9.9456e+005
71	68	1.1461e-010	1.6141e+003	-2.8827e-014	2.2111e+004	1.7046e-011	7.6820e+005
	67	-1.1461e-010	-1.6141e+003	2.8827e-014	-2.2111e+004	1.8751e-011	9.5278e+005
72	69	-4.2792e-011	2.8379e+003	1.1056e-013	-2.8374e+004	-3.0504e-011	1.2088e+006
	68	4.2792e-011	-2.8379e+003	-1.1056e-013	2.8374e+004	-2.3069e-011	9.9916e+005
73	81	-8.5985e+002	-5.5318e+003	-6.3912e+002	5.0794e+004	1.6970e+005	-1.3362e+006
	83	8.5985e+002	5.5318e+003	6.3912e+002	-5.0794e+004	1.6681e+005	-1.5796e+006
74	79	1.3647e+002	-1.7968e+003	-1.3816e+002	-3.6838e+004	6.0504e+004	-8.1230e+005
	81	-1.3647e+002	1.7968e+003	1.3816e+002	3.6838e+004	6.1518e+004	-7.7454e+005
75	76	1.4481e+002	-2.2149e+003	-2.0259e+002	-1.5398e+005	7.5798e+004	-8.6058e+005
	79	-1.4481e+002	2.2149e+003	2.0259e+002	1.5398e+005	8.4706e+004	-8.9423e+005
76	73	-1.1960e+002	-2.0473e+003	-1.6436e+002	1.2074e+005	6.8018e+004	-8.0512e+005
	76	1.1960e+002	2.0473e+003	1.6436e+002	-1.2074e+005	6.2193e+004	-8.1676e+005
77	70	1.5959e+002	-1.4952e+003	-1.7411e+002	-2.9593e+004	7.4813e+004	-6.1623e+005
	73	-1.5959e+002	1.4952e+003	1.7411e+002	2.9593e+004	7.6030e+004	-6.7915e+005
78	69	-5.1276e+002	-4.0164e+003	-3.3420e+002	-2.1020e+005	8.1647e+004	-1.1172e+006
	70	5.1276e+002	4.0164e+003	3.3420e+002	2.1020e+005	9.1500e+004	-9.6375e+005
79	74	-1.7197e+002	-3.6555e+003	-1.1580e+002	2.8763e+005	5.2775e+004	-1.3788e+006
	77	1.7197e+002	3.6555e+003	1.1580e+002	-2.8763e+005	3.8613e+004	-1.5060e+006
80	71	2.1177e+002	-2.5062e+003	-1.5517e+002	-2.6854e+004	6.6665e+004	-1.0575e+006
	74	-2.1177e+002	2.5062e+003	1.5517e+002	2.6854e+004	6.7913e+004	-1.1161e+006
81	68	-6.2658e+002	-6.5263e+003	-2.5334e+002	-3.6081e+005	5.7020e+004	-1.7408e+006
	71	6.2658e+002	6.5263e+003	2.5334e+002	3.6081e+005	7.3990e+004	-1.6342e+006
82	82	-6.8246e+002	-5.2327e+003	-5.3583e+002	4.6330e+004	1.5049e+005	-1.3499e+006
	84	6.8246e+002	5.2327e+003	5.3583e+002	-4.6330e+004	1.4797e+005	-1.5673e+006

83	80	1.1836e+002	-1.9345e+003	-1.3802e+002	-3.7455e+004	6.0072e+004	-8.6910e+005
	82	-1.1836e+002	1.9345e+003	1.3802e+002	3.7455e+004	6.1248e+004	-8.3124e+005
84	78	-1.8586e+002	-2.2337e+003	-1.8102e+002	-1.6538e+005	6.8841e+004	-8.8917e+005
	80	1.8586e+002	2.2337e+003	1.8102e+002	1.6538e+005	7.8151e+004	-9.2518e+005
85	75	1.6063e+002	-2.0844e+003	-1.4820e+002	1.3353e+005	6.3183e+004	-8.3988e+005
	78	-1.6063e+002	2.0844e+003	1.4820e+002	-1.3353e+005	5.6820e+004	-8.4846e+005
86	72	1.5655e+002	-1.5261e+003	-1.6414e+002	-2.9795e+004	7.2345e+004	-6.4025e+005
	75	-1.5655e+002	1.5261e+003	1.6414e+002	2.9795e+004	7.2685e+004	-7.0810e+005
87	67	-4.8788e+002	-4.0605e+003	-3.3463e+002	-1.6045e+005	8.4660e+004	-1.1474e+006
	72	4.8788e+002	4.0605e+003	3.3463e+002	1.6045e+005	9.1978e+004	-9.9643e+005
95	41	3.5284e+003	5.9982e+003	-8.4521e+003	-1.8336e+004	1.7243e+006	9.9779e+005
	77	-3.5284e+003	-5.9982e+003	8.4521e+003	1.8336e+004	1.8600e+006	1.6279e+006
98	38	-1.1413e+003	-9.4774e+003	1.5858e+003	-1.7669e+004	-4.0256e+005	-1.7021e+006
	74	1.1413e+003	9.4774e+003	-1.5858e+003	1.7669e+004	-3.1289e+005	-2.4949e+006
101	35	4.0034e+003	-9.9341e+003	1.6111e+003	-1.6901e+004	-4.1344e+005	-1.8962e+006
	71	-4.0034e+003	9.9341e+003	-1.6111e+003	1.6901e+004	-3.4356e+005	-2.6913e+006
104	32	-6.5666e+003	-5.8713e+003	5.7709e+003	-1.6541e+004	-1.3045e+006	-1.0359e+006
	68	6.5666e+003	5.8713e+003	-5.7709e+003	1.6541e+004	-1.4090e+006	-1.7835e+006
122	47	-1.6937e-011	2.8719e+003	-6.8042e-015	9.3790e+003	-8.0708e-012	1.3757e+006
	48	1.6937e-011	-2.8719e+003	6.8042e-015	-9.3790e+003	8.4792e-012	1.3702e+006
123	41	2.3693e-011	5.0405e+003	-8.6422e-014	7.6648e+004	2.2750e-011	1.4505e+006
	42	-2.3693e-011	-5.0405e+003	8.6422e-014	-7.6648e+004	1.4612e-011	1.6956e+006
124	40	9.9295e-012	3.3429e+003	4.3643e-014	-6.2679e+004	-1.2654e-011	1.3948e+006
	41	-9.9295e-012	-3.3429e+003	-4.3643e-014	6.2679e+004	-2.0573e-011	1.1928e+006
125	32	1.0532e-011	1.7778e+003	3.2196e-014	2.1922e+004	-1.1990e-011	8.9183e+005
	31	-1.0532e-011	-1.7778e+003	-3.2196e-014	-2.1922e+004	-9.1693e-012	1.0037e+006
126	33	-8.1443e-012	3.2328e+003	2.4712e-014	-3.4877e+004	-1.1467e-011	1.3237e+006
	32	8.1443e-012	-3.2328e+003	-2.4712e-014	3.4877e+004	-1.6264e-011	1.1915e+006
127	45	9.3489e-011	-8.4646e+003	3.7531e-013	1.1002e+005	-1.2866e-010	-2.1001e+006
	47	-9.3489e-011	8.4646e+003	-3.7531e-013	-1.1002e+005	-7.0754e-011	-2.3549e+006
128	43	1.2322e-011	-2.8526e+003	-3.5839e-014	-2.2636e+004	-2.3046e-011	-1.2872e+006
	45	-1.2322e-011	2.8526e+003	3.5839e-014	2.2636e+004	4.0144e-011	-1.2317e+006
129	40	2.0939e-011	-3.6179e+003	-6.7820e-014	-9.1251e+004	-7.7633e-011	-1.4172e+006
	43	-2.0939e-011	3.6179e+003	6.7820e-014	9.1251e+004	8.1998e-011	-1.4483e+006
130	37	2.0939e-011	-3.5091e+003	5.3859e-014	6.5757e+004	6.6220e-011	-1.3907e+006
	40	-2.0939e-011	3.5091e+003	-5.3859e-014	-6.5757e+004	-7.2477e-011	-1.3886e+006
131	34	3.0248e-011	-2.6858e+003	-4.9717e-014	-2.3244e+004	-5.1906e-011	-1.1218e+006
	37	-3.0248e-011	2.6858e+003	4.9717e-014	2.3244e+004	5.5307e-011	-1.2043e+006
132	33	-3.3878e-011	-7.5926e+003	-6.4390e-013	-1.2508e+005	7.1442e-011	-2.0769e+006
	34	3.3878e-011	7.5926e+003	6.4390e-013	1.2508e+005	1.4661e-010	-1.8561e+006
133	38	-1.5144e-011	-5.3452e+003	-1.6758e-013	2.0019e+005	1.7261e-010	-2.0585e+006
	41	1.5144e-011	5.3452e+003	1.6758e-013	-2.0019e+005	-2.4936e-011	-2.1589e+006
134	35	-1.8473e-011	-3.9901e+003	-1.9678e-013	-2.1942e+004	1.2194e-010	-1.7034e+006
	38	1.8473e-011	3.9901e+003	1.9678e-013	2.1942e+004	2.9603e-011	-1.7561e+006
135	32	3.3313e-011	-1.0926e+004	4.3409e-013	-2.5414e+005	-6.7896e-011	-2.8879e+006
	35	-3.3313e-011	1.0926e+004	-4.3409e-013	2.5414e+005	-1.0727e-010	-2.7614e+006
136	46	3.0119e-011	-8.0241e+003	-3.7025e-013	1.0976e+005	4.6718e-010	-2.1050e+006
	48	-3.0119e-011	8.0241e+003	3.7025e-013	-1.0976e+005	-3.7927e-010	-2.3628e+006
137	44	-1.6868e-011	-2.9368e+003	-9.0865e-014	2.4706e+004	2.5161e-011	-1.3103e+006
	46	1.6868e-011	2.9368e+003	9.0865e-014	-2.4706e+004	1.6907e-011	-1.2706e+006
138	42	2.6533e-011	-3.4641e+003	2.3970e-013	-9.9845e+004	-3.7674e-011	-1.3926e+006

	44	-2.6533e-011	3.4641e+003	-2.3970e-013	9.9845e+004	-6.3919e-011	-1.4196e+006
139	39	1.4533e-011	-3.4206e+003	2.0693e-013	8.1601e+004	-3.0403e-011	-1.3892e+006
	42	-1.4533e-011	3.4206e+003	-2.0693e-013	-8.1601e+004	-4.6180e-011	-1.3802e+006
140	31	3.7997e-011	-7.6908e+003	-1.3383e-012	-9.4291e+004	7.9746e-011	-2.1348e+006
	36	-3.7997e-011	7.6908e+003	1.3383e-012	9.4291e+004	2.1970e-010	-1.9242e+006
141	54	-1.3420e+002	-3.8371e+003	-1.7743e+002	1.1714e+005	7.0809e+004	-1.2915e+006
	55	1.3420e+002	3.8371e+003	1.7743e+002	-1.1714e+005	6.2442e+004	-1.5886e+006
142	53	2.4566e+001	-2.2795e+003	-1.9584e+002	-1.3513e+005	8.2753e+004	-9.1103e+005
	54	-2.4566e+001	2.2795e+003	1.9584e+002	1.3513e+005	7.5333e+004	-9.2722e+005
143	52	1.4806e+001	-1.8803e+003	-2.5019e+002	1.2834e+005	1.0568e+005	-7.1954e+005
	53	-1.4806e+001	1.8803e+003	2.5019e+002	-1.2834e+005	9.7361e+004	-8.0602e+005
144	51	-7.0072e+001	-2.5205e+003	-2.9145e+002	1.5913e+005	1.1234e+005	-1.1464e+006
	52	7.0072e+001	2.5205e+003	2.9145e+002	-1.5913e+005	1.2291e+005	-8.8655e+005
145	30	-1.2034e+002	-3.5382e+003	-1.8136e+002	1.1857e+005	7.0735e+004	-1.1558e+006
	49	1.2034e+002	3.5382e+003	1.8136e+002	-1.1857e+005	6.2768e+004	-1.4463e+006
146	56	2.4866e+001	-2.1662e+003	-1.8857e+002	8.8413e+004	7.6761e+004	-8.6810e+005
	30	-2.4866e+001	2.1662e+003	1.8857e+002	-8.8413e+004	7.2376e+004	-8.4403e+005
147	29	1.4370e+001	-1.9882e+003	-2.1327e+002	6.6348e+004	8.6412e+004	-7.5867e+005
	56	-1.4370e+001	1.9882e+003	2.1327e+002	-6.6348e+004	8.3266e+004	-8.2272e+005
148	50	-9.5127e+001	-2.4385e+003	-2.4740e+002	-6.3382e+004	9.5289e+004	-1.0549e+006
	29	9.5127e+001	2.4385e+003	2.4740e+002	6.3382e+004	1.0030e+005	-8.7288e+005
159	21	8.8814e+003	1.5676e+004	-5.2110e+003	1.0535e+004	1.2833e+006	4.6607e+006
	41	-8.8814e+003	-1.5676e+004	5.2110e+003	-1.0535e+004	8.0673e+005	1.6514e+006
161	20	-2.5401e+003	-1.8410e+004	2.2090e+003	1.0535e+004	-8.5413e+005	-5.0108e+006
	38	2.5401e+003	1.8410e+004	-2.2090e+003	-1.0535e+004	-2.7942e+005	-2.3710e+006
164	19	1.0936e+004	-1.9980e+004	2.2301e+003	1.0535e+004	-8.4305e+005	-5.2112e+006
	35	-1.0936e+004	1.9980e+004	-2.2301e+003	-1.0535e+004	-2.7691e+005	-2.7915e+006
167	18	-1.7557e+004	-1.7688e+004	4.4323e+003	1.0535e+004	-1.1432e+006	-4.9191e+006
	32	1.7557e+004	1.7688e+004	-4.4323e+003	-1.0535e+004	-6.4027e+005	-2.1742e+006
88	48	5.2001e+003	-8.5677e+003	-4.3432e+003	-1.9311e+004	9.3191e+005	-1.5258e+006
	84	-5.2001e+003	8.5677e+003	4.3432e+003	1.9311e+004	7.6135e+005	-1.6936e+006
89	47	5.7361e+003	-6.5495e+003	-6.4626e+003	-1.9311e+004	1.2516e+006	-1.1995e+006
	83	-5.7361e+003	6.5495e+003	6.4626e+003	1.9311e+004	1.1930e+006	-1.2923e+006
90	46	-3.3009e+003	-9.6270e+003	-4.5790e+003	-1.8569e+004	8.7208e+005	-1.7959e+006
	82	3.3009e+003	9.6270e+003	4.5790e+003	1.8569e+004	9.4749e+005	-1.9638e+006
91	45	-3.7067e+003	-8.0628e+003	-6.4186e+003	-1.8569e+004	1.2259e+006	-1.4902e+006
	81	3.7067e+003	8.0628e+003	6.4186e+003	1.8569e+004	1.2984e+006	-1.6635e+006
92	44	3.6261e+002	-7.5884e+003	-3.6269e+003	-1.7881e+004	7.2569e+005	-1.4560e+006
	80	-3.6261e+002	7.5884e+003	3.6269e+003	1.7881e+004	7.7664e+005	-1.6224e+006
93	43	4.2077e+002	-6.2656e+003	-4.8662e+003	-1.7881e+004	9.5965e+005	-1.1845e+006
	79	-4.2077e+002	6.2656e+003	4.8662e+003	1.7881e+004	1.0334e+006	-1.3643e+006
94	42	-4.1373e+003	-7.7437e+003	5.0885e+003	-1.7080e+004	-1.0463e+006	-1.5466e+006
	78	4.1373e+003	7.7437e+003	-5.0885e+003	1.7080e+004	-1.1216e+006	-1.7389e+006
96	40	2.9520e+003	-6.3381e+003	-5.8683e+003	-1.7080e+004	1.2129e+006	-1.2629e+006
	76	-2.9520e+003	6.3381e+003	5.8683e+003	1.7080e+004	1.2832e+006	-1.4304e+006
97	39	-5.6194e+002	-5.9141e+003	-2.9042e+003	-1.6459e+004	6.3869e+005	-1.2054e+006
	75	5.6194e+002	5.9141e+003	2.9042e+003	1.6459e+004	6.7089e+005	-1.4023e+006
99	37	-5.4934e+002	-4.9231e+003	-3.9414e+003	-1.6459e+004	8.4380e+005	-9.9946e+005
	73	5.4934e+002	4.9231e+003	3.9414e+003	1.6459e+004	9.1302e+005	-1.1791e+006
100	36	2.5283e+003	-6.0780e+003	-2.8887e+003	-1.5743e+004	6.5562e+005	-1.3171e+006
	72	-2.5283e+003	6.0780e+003	2.8887e+003	1.5743e+004	7.0840e+005	-1.4833e+006

102	34	2.5118e+003	-5.1254e+003	-4.0530e+003	-1.5743e+004	9.1012e+005	-1.1076e+006
	70	-2.5118e+003	5.1254e+003	4.0530e+003	1.5743e+004	9.7201e+005	-1.2591e+006
103	33	-4.9479e+003	-4.1004e+003	4.2681e+003	-1.5408e+004	-9.7122e+005	-8.9015e+005
	69	4.9479e+003	4.1004e+003	-4.2681e+003	1.5408e+004	-1.0454e+006	-1.0468e+006
105	31	-4.4931e+003	-4.5234e+003	3.2196e+003	-1.5408e+004	-7.6395e+005	-9.7172e+005
	67	4.4931e+003	4.5234e+003	-3.2196e+003	1.5408e+004	-7.7134e+005	-1.1604e+006
106	60	-1.2087e+003	-9.0447e+003	1.3283e+004	-6.1019e+004	-8.2213e+005	8.0955e+005
	39	1.2087e+003	9.0447e+003	-1.3283e+004	6.1019e+004	6.4265e+005	-1.2060e+006
107	13	-1.6094e+003	-8.2359e+003	-5.5665e+003	1.2299e+004	1.4342e+006	-1.9817e+006
	60	1.6094e+003	8.2359e+003	5.5665e+003	-1.2299e+004	8.7232e+005	-9.5613e+005
108	61	-9.0914e+003	-1.0395e+004	1.1560e+004	-2.1820e+005	5.3134e+005	7.6489e+005
	42	9.0914e+003	1.0395e+004	-1.1560e+004	2.1820e+005	-7.0300e+005	-1.2560e+006
109	14	-9.0851e+003	-8.9093e+003	-5.5635e+003	3.3754e+004	1.5091e+006	-2.0921e+006
	61	9.0851e+003	8.9093e+003	5.5635e+003	-3.3754e+004	6.4558e+005	-1.0489e+006
110	62	8.8303e+002	-7.7824e+003	7.6057e+003	-6.3379e+004	6.1752e+005	7.2380e+005
	44	-8.8303e+002	7.7824e+003	-7.6057e+003	6.3379e+004	-6.6072e+005	-1.0792e+006
111	15	9.3383e+002	-8.4714e+003	-4.7723e+003	1.4026e+004	1.3613e+006	-2.0301e+006
	62	-9.3383e+002	8.4714e+003	4.7723e+003	-1.4026e+004	7.1314e+005	-9.9422e+005
112	63	-8.3521e+003	-8.9620e+003	-5.7978e+003	-2.0154e+005	-6.1443e+005	8.8230e+005
	46	8.3521e+003	8.9620e+003	5.7978e+003	2.0154e+005	7.6065e+005	-1.3155e+006
113	16	-8.0078e+003	-8.6669e+003	-4.8284e+003	3.3816e+004	1.3919e+006	-2.0726e+006
	63	8.0078e+003	8.6669e+003	4.8284e+003	-3.3816e+004	6.6732e+005	-1.0141e+006
114	64	3.9080e+003	-1.3039e+004	-3.9094e+003	1.0506e+005	-3.8975e+005	1.0090e+006
	55	-3.9080e+003	1.3039e+004	3.9094e+003	-1.0506e+005	5.8481e+005	-1.7258e+006
115	10	4.4719e+003	-1.1045e+004	-4.1216e+003	-6.3968e+004	1.0635e+006	-2.6407e+006
	64	-4.4719e+003	1.1045e+004	4.1216e+003	6.3968e+004	4.2517e+005	-1.2274e+006
116	59	-1.5549e+003	-1.4586e+004	-3.4126e+003	1.0582e+005	-4.7363e+005	1.0039e+006
	54	1.5549e+003	1.4586e+004	3.4126e+003	-1.0582e+005	4.7934e+005	-2.1674e+006
117	9	-1.6564e+003	-1.1795e+004	-3.9249e+003	-5.4219e+004	1.0322e+006	-2.7258e+006
	59	1.6564e+003	1.1795e+004	3.9249e+003	5.4219e+004	5.4399e+005	-1.4049e+006
118	57	6.3754e+002	-7.2567e+003	-1.0111e+004	-7.5294e+004	1.3177e+006	7.1446e+005
	52	-6.3754e+002	7.2567e+003	1.0111e+004	7.5294e+004	-1.7667e+005	-1.6209e+006
119	7	1.5620e+002	-9.2744e+003	6.6450e+003	-3.9567e+004	-1.3282e+006	-2.3420e+006
	57	-1.5620e+002	9.2744e+003	-6.6450e+003	3.9567e+004	-1.3503e+006	-9.1201e+005
120	58	-3.9964e+002	-8.9435e+003	-6.3092e+003	2.3203e+005	8.7534e+005	7.6451e+005
	53	3.9964e+002	8.9435e+003	6.3092e+003	-2.3203e+005	-3.2431e+005	-1.6868e+006
121	8	-4.0071e+002	-1.0463e+004	5.3469e+003	-6.8080e+004	-1.2130e+006	-2.5208e+006
	58	4.0071e+002	1.0463e+004	-5.3469e+003	6.8080e+004	-9.3914e+005	-1.1449e+006
149	1	-2.8757e+003	-4.9297e+003	3.8128e+003	-4.1807e+004	-1.3490e+006	-1.4805e+006
	50	2.8757e+003	4.9297e+003	-3.8128e+003	4.1807e+004	-5.9257e+005	-1.0289e+006
150	5	3.8369e+003	-9.5713e+003	3.3738e+003	-5.2543e+004	-9.7635e+005	-2.3095e+006
	49	-3.8369e+003	9.5713e+003	-3.3738e+003	5.2543e+004	-3.9223e+005	-1.5673e+006
151	4	-1.3685e+003	-1.0124e+004	2.1080e+003	-4.9488e+004	-8.4723e+005	-2.3538e+006
	30	1.3685e+003	1.0124e+004	-2.1080e+003	4.9488e+004	-6.0806e+004	-1.9997e+006
152	2	4.4997e+002	-7.3620e+003	2.4025e+003	-4.4333e+004	-1.0446e+006	-1.9023e+006
	29	-4.4997e+002	7.3620e+003	-2.4025e+003	4.4333e+004	-1.1025e+005	-1.6315e+006
153	3	-1.7941e+002	-8.2318e+003	2.0823e+003	-4.6769e+004	-9.1643e+005	-2.0547e+006
	56	1.7941e+002	8.2318e+003	-2.0823e+003	4.6769e+004	-3.1722e+004	-1.6908e+006
154	6	-2.2816e+003	-5.7694e+003	3.5784e+003	-4.1807e+004	-1.3021e+006	-1.7836e+006
	51	2.2816e+003	5.7694e+003	-3.5784e+003	4.1807e+004	-5.4817e+005	-1.1544e+006
155	17	1.3008e+004	-7.2283e+003	4.7929e+003	9.8135e+003	-1.4620e+006	-1.9052e+006

	48	-1.3008e+004	7.2283e+003	-4.7929e+003	-9.8135e+003	-5.3939e+005	-1.0051e+006
156	28	1.4605e+004	-6.6515e+003	5.4430e+003	9.8135e+003	-1.5540e+006	-1.8014e+006
	47	-1.4605e+004	6.6515e+003	-5.4430e+003	-9.8135e+003	-6.9495e+005	-8.9114e+005
157	27	-9.3068e+003	-7.5174e+003	-5.7519e+003	9.8135e+003	1.5427e+006	-1.8787e+006
	45	9.3068e+003	7.5174e+003	5.7519e+003	-9.8135e+003	9.4590e+005	-1.2161e+006
158	26	1.1889e+003	-7.0394e+003	-5.3046e+003	9.8135e+003	1.4790e+006	-1.8048e+006
	43	-1.1889e+003	7.0394e+003	5.3046e+003	-9.8135e+003	8.4352e+005	-1.0947e+006
160	25	6.2599e+003	-7.5331e+003	-6.0453e+003	9.8135e+003	1.6070e+006	-1.8737e+006
	40	-6.2599e+003	7.5331e+003	6.0453e+003	-9.8135e+003	8.8784e+005	-1.1773e+006
162	24	-1.3699e+003	-7.1641e+003	-5.5705e+003	9.8135e+003	1.5083e+006	-1.7942e+006
	37	1.3699e+003	7.1641e+003	5.5705e+003	-9.8135e+003	8.8917e+005	-1.1493e+006
163	12	7.4341e+003	-8.7697e+003	-5.2480e+003	9.8135e+003	1.4438e+006	-2.0458e+006
	36	-7.4341e+003	8.7697e+003	5.2480e+003	-9.8135e+003	8.7347e+005	-1.4978e+006
165	23	7.4005e+003	-7.8652e+003	-6.1180e+003	9.8135e+003	1.5728e+006	-1.8715e+006
	34	-7.4005e+003	7.8652e+003	6.1180e+003	-9.8135e+003	1.0275e+006	-1.3437e+006
166	22	-1.3101e+004	-6.9733e+003	5.8623e+003	9.8135e+003	-1.5794e+006	-1.7688e+006
	33	1.3101e+004	6.9733e+003	-5.8623e+003	-9.8135e+003	-8.2408e+005	-1.0496e+006
168	11	-1.2568e+004	-7.6609e+003	-5.1116e+003	9.8135e+003	1.4676e+006	-1.9039e+006
	31	1.2568e+004	7.6609e+003	5.1116e+003	-9.8135e+003	6.8694e+005	-1.1774e+006

SFORZI "Dinamica SLVh Y" (Fase 1)
Generato da analisi giovedì 5 settembre 2013 alle ore 11:48:55.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	125	-1.8971e+003	2.4989e-014	-4.8886e+001	-3.1199e+003	1.8947e+004	0.0000e+000
	124	1.8971e+003	-2.4989e-014	4.8886e+001	3.1199e+003	1.8421e+004	0.0000e+000
2	125	-3.7834e+002	-2.6978e+002	-1.1238e+003	2.3519e+003	4.8705e+004	-6.4586e+003
	122	3.7834e+002	2.6978e+002	1.1238e+003	-2.3519e+003	2.5357e+005	-6.5830e+004
3	121	-7.1381e+002	-2.6978e+002	6.8663e+002	-2.4655e+003	-1.3749e+005	-7.5494e+004
	125	7.1381e+002	2.6978e+002	-6.8663e+002	2.4655e+003	-4.4106e+004	5.3675e+003
4	124	-1.3843e+003	-1.1791e+002	9.1754e+002	-7.6518e+003	-8.8908e+004	2.4869e+003
	120	1.3843e+003	1.1791e+002	-9.1754e+002	7.6518e+003	-1.4144e+005	-3.1829e+004
5	119	-1.3915e+003	-1.1791e+002	1.0573e+003	-7.6648e+003	-1.7098e+005	-2.5710e+004
	124	1.3915e+003	1.1791e+002	-1.0573e+003	7.6648e+003	-9.7312e+004	-4.5535e+003
8	122	5.0406e+003	1.9198e-015	6.0115e+001	-2.7433e+003	-2.7308e+004	0.0000e+000
	120	-5.0406e+003	-1.9198e-015	-6.0115e+001	2.7433e+003	-1.8240e+004	0.0000e+000
9	121	4.2080e+003	0.0000e+000	-4.2341e+001	-2.7212e+003	2.1094e+004	0.0000e+000
	119	-4.2080e+003	0.0000e+000	4.2341e+001	2.7212e+003	1.5848e+004	0.0000e+000
10	122	-1.3628e+003	-2.6978e+002	3.8415e+003	2.8615e+003	-2.7414e+005	6.6483e+004
	63	1.3628e+003	2.6978e+002	-3.8415e+003	-2.8615e+003	-4.6825e+005	-1.1856e+005
11	62	-5.6814e+002	-2.6978e+002	-3.4228e+003	-2.7632e+003	3.8836e+005	-1.1899e+005
	121	5.6814e+002	2.6978e+002	3.4228e+003	2.7632e+003	1.5114e+005	7.6548e+004
12	120	-1.3302e+003	-1.1791e+002	-4.0579e+003	-7.6220e+003	1.4050e+005	3.1306e+004
	64	1.3302e+003	1.1791e+002	4.0579e+003	7.6220e+003	2.6590e+005	-4.3057e+004
13	59	-1.4148e+003	-1.1791e+002	3.1437e+003	-7.6766e+003	-2.9719e+005	-4.2296e+004
	119	1.4148e+003	1.1791e+002	-3.1437e+003	7.6766e+003	-1.6901e+005	2.4984e+004
14	118	7.8462e+003	-1.9125e-015	2.5510e+001	-2.9032e+003	-1.3849e+004	0.0000e+000
	117	-7.8462e+003	1.9125e-015	-2.5510e+001	2.9032e+003	-1.3839e+004	0.0000e+000
15	118	-1.7985e+003	-3.1013e+002	-6.7545e+003	5.6334e+003	1.8652e+005	9.6860e+004
	62	1.7985e+003	3.1013e+002	6.7545e+003	-5.6334e+003	4.8203e+005	-1.2750e+005
16	116	-6.7807e+002	-3.1013e+002	-8.9310e+002	5.4126e+003	4.4240e+004	1.8281e+004
	118	6.7807e+002	3.1013e+002	8.9310e+002	-5.4126e+003	1.7864e+005	-9.5094e+004

17	117	-1.1230e+003	-9.9471e+001	-6.9130e+003	-8.6802e+003	1.9315e+005	2.9129e+004
	59	1.1230e+003	9.9471e+001	6.9130e+003	8.6802e+003	4.8535e+005	-3.8828e+004
18	115	-1.1628e+003	-9.9471e+001	-9.1648e+002	-8.6883e+003	4.7586e+004	4.5358e+003
	117	1.1628e+003	9.9471e+001	9.1648e+002	8.6883e+003	1.8506e+005	-2.9440e+004
19	116	-1.4402e+003	-7.6876e-016	2.1399e+001	-2.4345e+003	-1.0284e+004	0.0000e+000
	115	1.4402e+003	7.6876e-016	-2.1399e+001	2.4345e+003	-1.0104e+004	0.0000e+000
20	114	2.0587e+003	1.1228e-014	-2.5838e+001	-2.5944e+003	1.3631e+004	0.0000e+000
	113	-2.0587e+003	-1.1228e-014	2.5838e+001	2.5944e+003	1.4084e+004	0.0000e+000
21	114	-7.0320e+002	-3.1013e+002	5.2918e+002	5.0974e+003	-9.6018e+004	-6.2104e+004
	116	7.0320e+002	3.1013e+002	-5.2918e+002	-5.0974e+003	-4.4732e+004	-1.9050e+004
22	113	-1.1915e+003	-9.9471e+001	5.5013e+002	-8.7057e+003	-9.4723e+004	-1.9749e+004
	115	1.1915e+003	9.9471e+001	-5.5013e+002	8.7057e+003	-4.7663e+004	-5.6467e+003
23	61	-6.4424e+002	-3.1013e+002	1.4716e+003	4.5572e+003	-1.9896e+005	-1.2509e+005
	114	6.4424e+002	3.1013e+002	-1.4716e+003	-4.5572e+003	-9.9967e+004	6.2134e+004
24	58	-1.2679e+003	-9.9471e+001	1.5294e+003	-8.7399e+003	-2.0786e+005	-3.8701e+004
	113	1.2679e+003	9.9471e+001	-1.5294e+003	8.7399e+003	-9.9830e+004	1.8830e+004
25	112	-1.5786e+004	-2.3548e-016	2.0058e+001	-3.6789e+003	-1.3227e+004	0.0000e+000
	111	1.5786e+004	2.3548e-016	-2.0058e+001	3.6789e+003	-1.3552e+004	0.0000e+000
26	112	2.3880e+003	-3.1646e+002	-1.4915e+004	5.3670e+003	1.2512e+005	1.1434e+005
	61	-2.3880e+003	3.1646e+002	1.4915e+004	-5.3670e+003	5.7809e+005	-1.2921e+005
27	110	1.0366e+003	-3.1646e+002	-5.3871e+002	-3.9676e+003	2.2841e+004	3.0810e+004
	112	-1.0366e+003	3.1646e+002	5.3871e+002	3.9676e+003	1.1760e+005	-1.1146e+005
28	111	-5.4341e+002	-9.7985e+001	1.5219e+004	-8.4357e+003	-1.3737e+005	3.4149e+004
	58	5.4341e+002	9.7985e+001	-1.5219e+004	8.4357e+003	-6.1053e+005	-3.8919e+004
29	109	-7.2376e+002	-9.7985e+001	-5.5998e+002	-8.4156e+003	1.8200e+004	9.3076e+003
	111	7.2376e+002	9.7985e+001	5.5998e+002	8.4156e+003	1.2927e+005	-3.3803e+004
30	110	-7.7924e+002	-1.2912e-016	1.7371e+001	-2.5137e+003	-9.9720e+003	0.0000e+000
	109	7.7924e+002	1.2912e-016	-1.7371e+001	2.5137e+003	-9.8984e+003	0.0000e+000
31	108	9.3379e+002	-3.1646e+002	2.5797e+002	-4.3011e+003	-4.7224e+004	-4.6373e+004
	110	-9.3379e+002	3.1646e+002	-2.5797e+002	4.3011e+003	-2.4430e+004	-3.1799e+004
32	107	-7.7556e+002	-9.7985e+001	2.4027e+002	-8.4816e+003	-4.9365e+004	-1.4276e+004
	109	7.7556e+002	9.7985e+001	-2.4027e+002	8.4816e+003	-1.7996e+004	-1.0387e+004
33	108	-7.2849e+002	5.5625e-016	-1.6977e+001	-2.3107e+003	1.0238e+004	0.0000e+000
	107	7.2849e+002	-5.5625e-016	1.6977e+001	2.3107e+003	1.0571e+004	0.0000e+000
34	60	1.0427e+003	-3.1646e+002	4.7955e+002	-4.6352e+003	-7.6531e+004	-1.2831e+005
	108	-1.0427e+003	3.1646e+002	-4.7955e+002	4.6352e+003	-4.8690e+004	4.5870e+004
35	57	-8.5336e+002	-9.7985e+001	5.2762e+002	-8.5251e+003	-8.4503e+004	-3.8548e+004
	107	8.5336e+002	9.7985e+001	-5.2762e+002	8.5251e+003	-5.3457e+004	1.3308e+004
36	60	-2.2624e+004	-5.1156e-018	1.5949e+001	-5.3822e+003	-1.0161e+004	0.0000e+000
	57	2.2624e+004	5.1156e-018	-1.5949e+001	5.3822e+003	-1.0193e+004	0.0000e+000
37	65	1.7398e+002	-1.0284e-012	-4.7202e+002	1.0181e+003	1.5661e+004	4.4458e+003
	60	-1.7398e+002	1.0284e-012	4.7202e+002	-1.0181e+003	1.0775e+005	-4.4458e+003
38	66	8.3543e+001	1.5111e-013	-4.5636e+002	2.2380e+002	1.5040e+004	4.5554e+003
	57	-8.3543e+001	-1.5111e-013	4.5636e+002	-2.2380e+002	1.0365e+005	-4.5554e+003
68	65	-3.1679e+002	6.9249e-015	2.1933e+001	-4.5609e+003	-1.5661e+004	0.0000e+000
	66	3.1679e+002	-6.9249e-015	-2.1933e+001	4.5609e+003	-1.5040e+004	0.0000e+000
6	53	3.4912e+003	-2.6108e+001	6.1160e-001	1.3051e+000	-1.7454e+002	-1.4901e+004
	105	-3.4912e+003	2.6108e+001	-6.1160e-001	-1.3051e+000	-1.7452e+002	-1.4942e-010
7	106	-2.9617e+003	-3.8637e+001	1.8557e+002	1.2337e+002	-9.4568e+003	-1.3385e-010
	77	2.9617e+003	3.8637e+001	-1.8557e+002	-1.2337e+002	-9.4604e+003	-3.9386e+003
39	89	-7.1921e-010	5.4761e-011	-9.4333e-011	4.7883e-010	5.8686e-009	4.2376e-009

	91	7.1921e-010	-5.4761e-011	9.4333e-011	-4.7883e-010	3.1439e-009	-2.4188e-009
40	88	-8.2658e-010	1.9376e-010	7.9224e-011	1.7444e-009	-1.4305e-009	5.3999e-009
	90	8.2658e-010	-1.9376e-010	-7.9224e-011	-1.7444e-009	-3.7547e-009	3.5458e-009
41	89	2.3512e-010	-2.4042e+003	-5.8357e-014	-1.5259e+005	3.1179e-011	-1.1001e+006
	88	-2.3512e-010	2.4042e+003	5.8357e-014	1.5259e+005	4.1270e-011	-1.0576e+006
42	83	-9.5900e+003	-2.3163e+003	9.1914e+002	-1.0979e+006	-1.7399e+005	-5.9607e+005
	89	9.5900e+003	2.3163e+003	-9.1914e+002	1.0979e+006	-1.3414e+005	-1.8108e+005
43	84	-1.0002e+004	2.3123e+003	9.8009e+002	-1.0687e+006	-1.8103e+005	8.2845e+005
	88	1.0002e+004	-2.3123e+003	-9.8009e+002	1.0687e+006	-1.4161e+005	-6.8044e+004
44	87	-1.6562e-009	-2.1683e-011	-1.1793e-010	3.3748e-010	7.9085e-009	-1.8084e-009
	69	1.6562e-009	2.1683e-011	1.1793e-010	-3.3748e-010	6.6793e-009	3.7983e-010
45	67	1.5755e-009	5.5567e-011	-7.9039e-011	1.1195e-009	1.5676e-009	2.3094e-009
	86	-1.5755e-009	-5.5567e-011	7.9039e-011	-1.1195e-009	5.8081e-009	1.4091e-009
46	99	-3.3345e-011	-1.3324e+003	-1.0617e-015	-3.3147e+004	-6.2579e-012	-9.9418e+005
	98	3.3345e-011	1.3324e+003	1.0617e-015	3.3147e+004	6.4321e-012	-9.8460e+005
47	98	6.1881e-010	7.5933e-011	4.3811e-011	-4.7433e-011	-9.3349e-010	5.1477e-009
	85	-6.1881e-010	-7.5933e-011	-4.3811e-011	4.7433e-011	-1.4920e-009	2.6609e-009
48	104	6.1881e-010	7.3340e-011	4.4407e-011	2.5591e-010	-9.3315e-010	3.4146e-009
	99	-6.1881e-010	-7.3340e-011	-4.4407e-011	-2.5591e-010	-2.2939e-009	2.8186e-009
49	103	-2.3301e-010	-3.9053e-011	1.6861e-011	8.3920e-011	-7.8588e-010	-1.9622e-009
	100	2.3301e-010	3.9053e-011	-1.6861e-011	-8.3920e-011	-4.8864e-010	-1.6081e-009
50	101	-2.3301e-010	4.1595e-011	4.3811e-011	-3.2552e-011	-9.3349e-010	2.0780e-009
	102	2.3301e-010	-4.1595e-011	-4.3811e-011	3.2552e-011	-1.4920e-009	1.4034e-009
51	100	2.9104e-011	-2.0187e+003	-3.8764e-014	-5.8238e+004	3.6693e-012	-8.0920e+005
	101	-2.9104e-011	2.0187e+003	3.8764e-014	5.8238e+004	4.6659e-012	-8.2618e+005
52	49	-1.0253e+004	1.9840e+003	4.3484e+003	-8.3626e+005	-3.4085e+005	2.3818e+005
	101	1.0253e+004	-1.9840e+003	-4.3484e+003	8.3626e+005	-2.6833e+005	5.8238e+004
53	55	6.9330e+003	-1.8955e+003	4.1466e+003	-8.1102e+005	-3.3146e+005	-3.9509e+005
	100	-6.9330e+003	1.8955e+003	-4.1466e+003	8.1102e+005	-2.6261e+005	1.2648e+005
54	99	-2.0976e+003	1.3368e+003	6.0860e+003	9.8125e+005	-2.0119e+005	1.7983e+005
	51	2.0976e+003	-1.3368e+003	-6.0860e+003	-9.8125e+005	-2.3454e+005	-8.4907e+004
55	98	2.9046e+003	-1.3459e+003	5.9967e+003	9.8745e+005	-1.9275e+005	3.3147e+004
	50	-2.9046e+003	1.3459e+003	-5.9967e+003	-9.8745e+005	-2.2706e+005	-1.2497e+005
56	97	3.9266e-011	-5.5743e+001	5.0339e-013	2.1486e+004	-1.2002e-010	-2.1975e+004
	96	-3.9266e-011	5.5743e+001	-5.0339e-013	-2.1486e+004	-7.2237e-011	0.0000e+000
57	95	-3.7206e-011	-5.5743e+001	1.2614e-012	2.0505e+004	-2.0857e-010	0.0000e+000
	97	3.7206e-011	5.5743e+001	-1.2614e-012	-2.0505e+004	-2.8679e-010	-1.4563e+004
58	93	-1.1178e-011	-3.8953e-014	8.8748e-013	-3.6553e+004	-9.9082e-011	0.0000e+000
	97	1.1178e-011	3.8953e-014	-8.8748e-013	3.6553e+004	-7.8846e-011	0.0000e+000
59	93	-8.8043e-011	3.7446e+001	4.4688e-013	-3.0105e+004	-5.8737e-011	1.4287e+004
	36	8.8043e-011	-3.7446e+001	-4.4688e-013	3.0105e+004	-1.5717e-010	0.0000e+000
60	92	-8.8043e-011	3.7446e+001	2.2000e-013	3.4638e+004	-1.1766e-010	-7.0110e+003
	93	8.8043e-011	-3.7446e+001	-2.2000e-013	-3.4638e+004	6.5529e-011	2.1154e+004
61	96	1.9661e-010	-2.1921e+003	-6.7752e-012	-6.5372e+004	1.5176e-009	3.3039e+005
	39	-1.9661e-010	2.1921e+003	6.7752e-012	6.5372e+004	2.7933e-010	-9.7145e+005
62	36	4.2956e-011	-2.1439e+003	4.2302e-013	-6.3477e+004	-2.0661e-010	-9.1529e+005
	96	-4.2956e-011	2.1439e+003	-4.2302e-013	6.3477e+004	-6.7316e-011	-3.5167e+005
63	95	-4.5618e-011	5.0354e+001	-5.3044e-013	-3.8936e+003	5.9626e-011	2.1826e+004
	94	4.5618e-011	-5.0354e+001	5.3044e-013	3.8936e+003	5.3778e-011	0.0000e+000
64	92	-4.5618e-011	-9.0233e+000	-1.8327e-013	6.9331e+002	1.1296e-010	0.0000e+000
	95	4.5618e-011	9.0233e+000	1.8327e-013	-6.9331e+002	-9.7683e-011	-3.9111e+003

65	94	-1.4759e-011	8.0930e+000	-2.2446e-013	4.2214e+004	3.3505e-011	4.7074e+003
	39	1.4759e-011	-8.0930e+000	2.2446e-013	-4.2214e+004	2.6040e-011	0.0000e+000
66	38	-1.1013e-010	-4.2298e+001	2.6946e-012	4.2209e+004	-2.1876e-010	0.0000e+000
	94	1.1013e-010	4.2298e+001	-2.6946e-012	-4.2209e+004	-2.6602e-010	-8.5622e+003
67	35	1.7884e-010	3.1946e+001	-5.3351e-012	3.4655e+004	2.5455e-010	0.0000e+000
	92	-1.7884e-010	-3.1946e+001	5.3351e-012	-3.4655e+004	4.1682e-010	6.2621e+003
69	77	-4.5226e-011	-6.8463e+003	-1.6064e-013	5.8805e+004	8.0763e-011	-1.8750e+006
	78	4.5226e-011	6.8463e+003	1.6064e-013	-5.8805e+004	7.6485e-011	-2.3976e+006
70	76	-9.8302e-011	-4.8176e+003	-7.9645e-014	-4.7127e+004	3.3355e-011	-2.1130e+006
	77	9.8302e-011	4.8176e+003	7.9645e-014	4.7127e+004	3.0142e-011	-1.6160e+006
71	68	-1.5815e-010	-2.6511e+003	6.4829e-014	-2.7987e+004	-2.9345e-011	-1.2618e+006
	67	1.5815e-010	2.6511e+003	-6.4829e-014	2.7987e+004	-2.0241e-011	-1.5645e+006
72	69	-1.0787e-010	-4.6572e+003	5.7698e-014	-2.4111e+004	4.8819e-011	-1.9833e+006
	68	1.0787e-010	4.6572e+003	-5.7698e-014	2.4111e+004	-7.9187e-011	-1.6401e+006
73	81	-6.5286e+002	-4.2002e+003	1.0378e+003	-8.5746e+004	-2.7548e+005	-1.0314e+006
	83	6.5286e+002	4.2002e+003	-1.0378e+003	8.5746e+004	-2.7094e+005	-1.1910e+006
74	79	1.0539e+002	-1.3628e+003	2.2422e+002	7.0027e+004	-9.8180e+004	-6.1653e+005
	81	-1.0539e+002	1.3628e+003	-2.2422e+002	-7.0027e+004	-9.9856e+004	-5.8702e+005
75	76	-2.3536e+002	-1.6955e+003	3.2876e+002	2.5082e+005	-1.2304e+005	-6.5789e+005
	79	2.3536e+002	1.6955e+003	-3.2876e+002	-2.5082e+005	-1.3744e+005	-6.8540e+005
76	73	1.9085e+002	-1.5705e+003	2.6719e+002	-1.9992e+005	-1.1060e+005	-6.1712e+005
	76	-1.9085e+002	1.5705e+003	-2.6719e+002	1.9992e+005	-1.0107e+005	-6.2704e+005
77	70	1.2047e+002	-1.1552e+003	2.8379e+002	5.4008e+004	-1.2203e+005	-4.7733e+005
	73	-1.2047e+002	1.1552e+003	-2.8379e+002	-5.4008e+004	-1.2384e+005	-5.2356e+005
78	69	-4.7377e+002	-3.0566e+003	5.4686e+002	3.4064e+005	-1.3369e+005	-8.5163e+005
	70	4.7377e+002	3.0566e+003	-5.4686e+002	-3.4064e+005	-1.4964e+005	-7.3229e+005
79	74	-1.3566e+002	-2.8253e+003	1.8859e+002	-4.6847e+005	-8.5952e+004	-1.0647e+006
	77	1.3566e+002	2.8253e+003	-1.8859e+002	4.6847e+005	-6.2881e+004	-1.1650e+006
80	71	1.6241e+002	-1.9330e+003	2.5311e+002	4.7831e+004	-1.0881e+005	-8.1519e+005
	74	-1.6241e+002	1.9330e+003	-2.5311e+002	-4.7831e+004	-1.1071e+005	-8.6118e+005
81	68	-4.6995e+002	-5.0736e+003	4.1459e+002	5.8745e+005	-9.3382e+004	-1.3539e+006
	71	4.6995e+002	5.0736e+003	-4.1459e+002	-5.8745e+005	-1.2102e+005	-1.2699e+006
82	82	-5.2743e+002	-4.0081e+003	8.7411e+002	-7.9689e+004	-2.4536e+005	-1.0486e+006
	84	5.2743e+002	4.0081e+003	-8.7411e+002	7.9689e+004	-2.4153e+005	-1.1927e+006
83	80	8.9789e+001	-1.5640e+003	2.2440e+002	7.2328e+004	-9.7617e+004	-7.0048e+005
	82	-8.9789e+001	1.5640e+003	-2.2440e+002	-7.2328e+004	-9.9635e+004	-6.7424e+005
84	78	3.0145e+002	-1.7300e+003	2.9371e+002	2.6951e+005	-1.1166e+005	-6.8423e+005
	80	-3.0145e+002	1.7300e+003	-2.9371e+002	-2.6951e+005	-1.2683e+005	-7.2264e+005
85	75	-2.6150e+002	-1.6330e+003	2.4039e+002	-2.1930e+005	-1.0252e+005	-6.6498e+005
	78	2.6150e+002	1.6330e+003	-2.4039e+002	2.1930e+005	-9.2138e+004	-6.5898e+005
86	72	1.2082e+002	-1.2236e+003	2.6711e+002	5.9178e+004	-1.1784e+005	-5.1432e+005
	75	-1.2082e+002	1.2236e+003	-2.6711e+002	-5.9178e+004	-1.1819e+005	-5.6682e+005
87	67	-4.2071e+002	-3.1768e+003	5.4659e+002	2.6006e+005	-1.3833e+005	-8.9404e+005
	72	4.2071e+002	3.1768e+003	-5.4659e+002	-2.6006e+005	-1.5019e+005	-7.8450e+005
95	41	2.9188e+003	4.8024e+003	1.3748e+004	4.0237e+004	-2.8011e+006	8.7409e+005
	77	-2.9188e+003	-4.8024e+003	-1.3748e+004	-4.0237e+004	-3.0287e+006	1.2480e+006
98	38	-8.8677e+002	-7.4631e+003	-2.4845e+003	3.8773e+004	6.0312e+005	-1.3883e+006
	74	8.8677e+002	7.4631e+003	2.4845e+003	-3.8773e+004	5.0812e+005	-1.9258e+006
101	35	3.1299e+003	-7.8178e+003	-2.5530e+003	3.7088e+004	6.2701e+005	-1.5331e+006
	71	-3.1299e+003	7.8178e+003	2.5530e+003	-3.7088e+004	5.6244e+005	-2.0837e+006
104	32	-4.9727e+003	-4.7261e+003	-9.4790e+003	3.6299e+004	2.1371e+006	-9.0398e+005

	68	4.9727e+003	4.7261e+003	9.4790e+003	-3.6299e+004	2.3190e+006	-1.3813e+006
122	47	2.3104e-011	-4.7157e+003	1.1466e-014	-1.6099e+004	-1.9645e-011	-2.2564e+006
	48	-2.3104e-011	4.7157e+003	-1.1466e-014	1.6099e+004	1.2101e-011	-2.2520e+006
123	41	1.7917e-011	-8.2546e+003	7.3901e-014	6.4506e+004	-3.3898e-011	-2.3742e+006
	42	-1.7917e-011	8.2546e+003	-7.3901e-014	-6.4506e+004	-2.3159e-011	-2.7773e+006
124	40	-2.0403e-011	-5.4580e+003	2.9582e-014	-4.8554e+004	-2.0074e-011	-2.2775e+006
	41	2.0403e-011	5.4580e+003	-2.9582e-014	4.8554e+004	-2.2210e-011	-1.9471e+006
125	32	2.1073e-011	-2.9348e+003	5.4705e-014	2.3318e+004	-7.2758e-012	-1.4719e+006
	31	-2.1073e-011	2.9348e+003	-5.4705e-014	-2.3318e+004	-2.3035e-011	-1.6570e+006
126	33	-1.8971e-011	-5.3311e+003	4.1844e-014	-2.8547e+004	-1.4890e-011	-2.1828e+006
	32	1.8971e-011	5.3311e+003	-4.1844e-014	2.8547e+004	-2.9555e-011	-1.9649e+006
127	45	1.5093e-011	-6.5303e+003	-9.5038e-013	-1.8031e+005	1.4715e-010	-1.6200e+006
	47	-1.5093e-011	6.5303e+003	9.5038e-013	1.8031e+005	2.6262e-010	-1.8170e+006
128	43	-1.7158e-011	-2.1475e+003	-9.7481e-014	-4.6807e+004	-4.7866e-011	-9.6992e+005
	45	1.7158e-011	2.1475e+003	9.7481e-014	4.6807e+004	1.0624e-010	-9.2650e+005
129	40	-5.7993e-011	-2.7422e+003	-3.3304e-013	1.5180e+005	3.1359e-010	-1.0735e+006
	43	5.7993e-011	2.7422e+003	3.3304e-013	-1.5180e+005	-8.2641e-011	-1.0984e+006
130	37	-5.7993e-011	-2.6611e+003	1.7924e-013	-1.1162e+005	1.2436e-011	-1.0544e+006
	40	5.7993e-011	2.6611e+003	-1.7924e-013	1.1162e+005	-2.3782e-010	-1.0532e+006
131	34	-1.4740e-011	-2.0439e+003	-2.8810e-013	4.6398e+004	1.3443e-010	-8.5431e+005
	37	1.4740e-011	2.0439e+003	2.8810e-013	-4.6398e+004	1.1268e-010	-9.1596e+005
132	33	-5.9642e-011	-5.7325e+003	-4.7018e-013	2.0367e+005	1.4411e-010	-1.5684e+006
	34	5.9642e-011	5.7325e+003	4.7018e-013	-2.0367e+005	9.1549e-011	-1.4011e+006
133	38	1.9497e-011	-4.0296e+003	7.2218e-014	-3.2868e+005	1.0243e-010	-1.5519e+006
	41	-1.9497e-011	4.0296e+003	-7.2218e-014	3.2868e+005	-3.2414e-010	-1.6275e+006
134	35	-1.4908e-011	-3.0105e+003	-1.7743e-013	4.4613e+004	4.8430e-011	-1.2851e+006
	38	1.4908e-011	3.0105e+003	1.7743e-013	-4.4613e+004	6.4803e-011	-1.3251e+006
135	32	-2.3510e-011	-8.2500e+003	4.0483e-013	4.1576e+005	-5.2564e-011	-2.1799e+006
	35	2.3510e-011	8.2500e+003	-4.0483e-013	-4.1576e+005	-1.8207e-010	-2.0857e+006
136	46	-8.1361e-011	-6.2736e+003	5.3538e-013	-1.7979e+005	-1.4355e-010	-1.6492e+006
	48	8.1361e-011	6.2736e+003	-5.3538e-013	1.7979e+005	-2.9409e-010	-1.8441e+006
137	44	4.1274e-011	-2.3110e+003	2.0189e-013	5.4305e+004	-2.4675e-011	-1.0314e+006
	46	-4.1274e-011	2.3110e+003	-2.0189e-013	-5.4305e+004	-2.8071e-011	-9.9954e+005
138	42	-1.6945e-011	-2.6849e+003	-5.7746e-013	1.6865e+005	1.8800e-010	-1.0750e+006
	44	1.6945e-011	2.6849e+003	5.7746e-013	-1.6865e+005	4.7571e-011	-1.1051e+006
139	39	1.4695e-011	-2.6767e+003	5.5996e-013	-1.4129e+005	-1.2104e-010	-1.0926e+006
	42	-1.4695e-011	2.6767e+003	-5.5996e-013	1.4129e+005	-3.8590e-011	-1.0749e+006
140	31	6.1204e-011	-6.0047e+003	-2.7592e-012	1.5412e+005	2.1662e-010	-1.6617e+006
	36	-6.1204e-011	6.0047e+003	2.7592e-012	-1.5412e+005	6.5302e-011	-1.5077e+006
141	54	5.2504e+001	-7.0776e+002	2.8525e+002	-1.7802e+005	-1.1197e+005	-2.4210e+005
	55	-5.2504e+001	7.0776e+002	-2.8525e+002	1.7802e+005	-1.0240e+005	-2.9186e+005
142	53	-5.3490e+000	-4.5325e+002	2.8287e+002	-2.2214e+005	-1.1780e+005	-1.7964e+005
	54	5.3490e+000	4.5325e+002	-2.8287e+002	2.2214e+005	-1.1082e+005	-1.8587e+005
143	52	3.8712e+000	-3.4974e+002	3.4579e+002	-2.2905e+005	-1.4609e+005	-1.3214e+005
	53	-3.8712e+000	3.4974e+002	-3.4579e+002	2.2905e+005	-1.3475e+005	-1.5171e+005
144	51	-3.7056e+001	-4.8735e+002	4.0380e+002	2.4138e+005	-1.5579e+005	-2.2536e+005
	52	3.7056e+001	4.8735e+002	-4.0380e+002	-2.4138e+005	-1.7027e+005	-1.6806e+005
145	30	-6.1208e+001	-1.2623e+003	3.0697e+002	-1.8353e+005	-1.1852e+005	-4.1805e+005
	49	6.1208e+001	1.2623e+003	-3.0697e+002	1.8353e+005	-1.0748e+005	-5.1131e+005
146	56	9.0833e+000	-8.0812e+002	3.0311e+002	-1.5316e+005	-1.2260e+005	-3.2201e+005
	30	-9.0833e+000	8.0812e+002	-3.0311e+002	1.5316e+005	-1.1721e+005	-3.1676e+005

147	29	-4.3876e+000	-7.4518e+002	3.3444e+002	-1.2310e+005	-1.3526e+005	-2.8670e+005
	56	4.3876e+000	7.4518e+002	-3.3444e+002	1.2310e+005	-1.3088e+005	-3.0602e+005
148	50	3.7327e+001	-8.3804e+002	3.8650e+002	1.0996e+005	-1.4894e+005	-3.5330e+005
	29	-3.7327e+001	8.3804e+002	-3.8650e+002	-1.0996e+005	-1.5666e+005	-3.0965e+005
159	21	7.3855e+003	1.1801e+004	8.3358e+003	-2.2246e+004	-2.0680e+006	3.4962e+006
	41	-7.3855e+003	-1.1801e+004	-8.3358e+003	2.2246e+004	-1.2715e+006	1.2802e+006
161	20	-1.9316e+003	-1.3832e+004	-3.2679e+003	-2.2246e+004	1.3578e+006	-3.7582e+006
	38	1.9316e+003	1.3832e+004	3.2679e+003	2.2246e+004	-3.5900e+005	-1.7986e+006
164	19	8.3389e+003	-1.5001e+004	-3.2833e+003	-2.2246e+004	1.3397e+006	-3.9090e+006
	35	-8.3389e+003	1.5001e+004	3.2833e+003	2.2246e+004	-3.4495e+005	-2.1060e+006
167	18	-1.3242e+004	-1.3289e+004	-7.0475e+003	-2.2246e+004	1.8429e+006	-3.6903e+006
	32	1.3242e+004	1.3289e+004	7.0475e+003	2.2246e+004	9.8582e+005	-1.6491e+006
88	48	4.2700e+003	8.9208e+003	-5.2329e+003	4.2377e+004	1.2817e+006	1.6472e+006
	84	-4.2700e+003	-8.9208e+003	5.2329e+003	-4.2377e+004	7.3574e+005	1.7054e+006
89	47	4.6051e+003	-5.2641e+003	-8.2665e+003	4.2377e+004	1.6977e+006	-1.0872e+006
	83	-4.6051e+003	5.2641e+003	8.2665e+003	-4.2377e+004	1.4191e+006	-9.7566e+005
90	46	-2.5102e+003	-7.7609e+003	-3.6110e+003	4.0748e+004	7.4997e+005	-1.4781e+006
	82	2.5102e+003	7.7609e+003	3.6110e+003	-4.0748e+004	7.2861e+005	-1.5589e+006
91	45	-2.8170e+003	-6.1171e+003	-5.2722e+003	4.0748e+004	1.0867e+006	-1.1425e+006
	81	2.8170e+003	6.1171e+003	5.2722e+003	-4.0748e+004	1.0125e+006	-1.2637e+006
92	44	3.6840e+002	-6.1836e+003	-2.9513e+003	3.9238e+004	6.4728e+005	-1.2045e+006
	80	-3.6840e+002	6.1836e+003	2.9513e+003	-3.9238e+004	5.9811e+005	-1.3075e+006
93	43	3.4798e+002	-4.7808e+003	-4.1076e+003	3.9238e+004	8.8142e+005	-9.2806e+005
	79	-3.4798e+002	4.7808e+003	4.1076e+003	-3.9238e+004	8.2160e+005	-1.0311e+006
94	42	6.7317e+003	8.1801e+003	-6.9205e+003	3.7480e+004	1.4308e+006	1.6483e+006
	78	-6.7317e+003	-8.1801e+003	6.9205e+003	-3.7480e+004	1.5107e+006	1.8222e+006
96	40	-4.8077e+003	-5.9835e+003	-7.5890e+003	3.7480e+004	1.5994e+006	-1.2319e+006
	76	4.8077e+003	5.9835e+003	7.5890e+003	-3.7480e+004	1.6258e+006	-1.3128e+006
97	39	-4.3045e+002	-4.8901e+003	-2.2989e+003	3.6117e+004	5.4325e+005	-1.0160e+006
	75	4.3045e+002	4.8901e+003	2.2989e+003	-3.6117e+004	5.1319e+005	-1.1433e+006
99	37	-4.1684e+002	-3.7723e+003	-3.4324e+003	3.6117e+004	7.9943e+005	-7.9146e+005
	73	4.1684e+002	3.7723e+003	3.4324e+003	-3.6117e+004	7.4746e+005	-8.9268e+005
100	36	1.9653e+003	-4.9573e+003	-2.5161e+003	3.4547e+004	6.4885e+005	-1.0900e+006
	72	-1.9653e+003	4.9573e+003	2.5161e+003	-3.4547e+004	5.6101e+005	-1.1981e+006
102	34	1.9042e+003	-3.9486e+003	-3.5070e+003	3.4547e+004	8.4086e+005	-8.7734e+005
	70	-1.9042e+003	3.9486e+003	3.5070e+003	-3.4547e+004	8.0072e+005	-9.5622e+005
103	33	-5.7828e+003	4.6715e+003	-6.0528e+003	3.3812e+004	1.4045e+006	1.0619e+006
	69	5.7828e+003	-4.6715e+003	6.0528e+003	-3.3812e+004	1.4483e+006	1.1425e+006
105	31	4.4402e+003	4.8264e+003	-4.6331e+003	3.3812e+004	1.1333e+006	1.0694e+006
	67	-4.4402e+003	-4.8264e+003	4.6331e+003	-3.3812e+004	1.0582e+006	1.2053e+006
106	60	-9.2666e+002	-8.4433e+003	-2.0588e+004	-6.8198e+004	1.0978e+006	6.7445e+005
	39	9.2666e+002	8.4433e+003	2.0588e+004	6.8198e+004	-5.9865e+005	-9.3676e+005
107	13	-1.2341e+003	-7.0932e+003	-5.1012e+003	1.9916e+004	1.5603e+006	-1.8611e+006
	60	1.2341e+003	7.0932e+003	5.1012e+003	-1.9916e+004	1.1211e+006	-7.8053e+005
108	61	1.4871e+004	1.1057e+004	-1.7388e+004	-3.3960e+005	6.1509e+005	-6.5843e+005
	42	-1.4871e+004	-1.1057e+004	1.7388e+004	3.3960e+005	6.9902e+005	1.1506e+006
109	14	1.4861e+004	8.2277e+003	-5.7050e+003	4.8414e+004	1.8181e+006	2.0559e+006
	61	-1.4861e+004	-8.2277e+003	5.7050e+003	-4.8414e+004	6.7508e+005	8.7500e+005
110	62	7.4400e+002	-7.2938e+003	-1.0914e+004	-1.1189e+005	8.6684e+005	5.8714e+005
	44	-7.4400e+002	7.2938e+003	1.0914e+004	1.1189e+005	-6.0928e+005	-8.4225e+005
111	15	7.7821e+002	-7.1842e+003	-4.1923e+003	2.2654e+004	1.5664e+006	-1.9050e+006

	62	-7.7821e+002	7.1842e+003	4.1923e+003	-2.2654e+004	-9.2103e+005	-7.7721e+005
112	63	-6.3842e+003	-7.7728e+003	-6.5530e+003	4.0464e+005	7.6300e+005	6.8238e+005
	46	6.3842e+003	7.7728e+003	6.5530e+003	-4.0464e+005	-7.1027e+005	-1.0248e+006
113	16	-6.1185e+003	-7.4346e+003	-4.3484e+003	-6.7138e+004	1.6624e+006	-1.9664e+006
	63	6.1185e+003	7.4346e+003	4.3484e+003	6.7138e+004	-7.9659e+005	-7.8005e+005
114	64	-2.1016e+003	-2.4765e+003	-7.4910e+003	1.7502e+005	-4.5206e+005	2.5936e+005
	55	2.1016e+003	2.4765e+003	7.4910e+003	-1.7502e+005	8.1456e+005	-3.9184e+005
115	10	-2.1181e+003	-2.2428e+003	-6.4329e+003	1.1863e+005	1.8066e+006	-5.2486e+005
	64	2.1181e+003	2.2428e+003	6.4329e+003	-1.1863e+005	4.5211e+005	-3.0008e+005
116	59	3.2155e+002	1.7246e+003	-7.5193e+003	1.5904e+005	5.0128e+005	-3.1497e+005
	54	-3.2155e+002	-1.7246e+003	7.5193e+003	-1.5904e+005	1.7137e+005	4.1239e+005
117	9	3.4073e+002	-2.7962e+003	-4.7921e+003	1.0056e+005	1.5349e+006	-6.1698e+005
	59	-3.4073e+002	2.7962e+003	4.7921e+003	-1.0056e+005	4.8739e+005	-3.9287e+005
118	57	-1.4664e+002	3.4256e+003	-1.6008e+004	1.0351e+005	1.6612e+006	4.9663e+005
	52	1.4664e+002	-3.4256e+003	1.6008e+004	-1.0351e+005	4.3383e+005	-2.9011e+005
119	7	-6.2984e+001	-3.3233e+003	-7.9663e+003	6.8962e+004	1.8097e+006	-7.1289e+005
	57	6.2984e+001	3.3233e+003	7.9663e+003	-6.8962e+004	1.6530e+006	-5.2436e+005
120	58	-1.0690e+002	1.7639e+003	-1.1020e+004	3.3430e+005	1.0595e+006	3.8139e+005
	53	1.0690e+002	-1.7639e+003	1.1020e+004	-3.3430e+005	1.1970e+005	-3.1486e+005
121	8	-1.0881e+002	-3.1234e+003	-6.5217e+003	1.1636e+005	1.7303e+006	-6.8298e+005
	58	1.0881e+002	3.1234e+003	6.5217e+003	-1.1636e+005	1.0478e+006	-4.5011e+005
149	1	1.2014e+003	-1.9737e+003	-5.9363e+003	7.1275e+004	2.1040e+006	-5.7284e+005
	50	-1.2014e+003	1.9737e+003	5.9363e+003	-7.1275e+004	9.1856e+005	-4.3250e+005
150	5	2.3012e+003	-3.7311e+003	-6.2747e+003	8.9578e+004	1.7850e+006	-8.7872e+005
	49	-2.3012e+003	3.7311e+003	6.2747e+003	-8.9578e+004	7.6168e+005	-6.3518e+005
151	4	-4.7675e+002	-3.7247e+003	-3.5125e+003	8.4370e+004	1.4046e+006	-8.6792e+005
	30	4.7675e+002	3.7247e+003	3.5125e+003	-8.4370e+004	1.1035e+005	-7.3373e+005
152	2	-1.2435e+002	-2.7001e+003	-3.7444e+003	7.5581e+004	1.6295e+006	-7.0011e+005
	29	1.2435e+002	2.7001e+003	3.7444e+003	-7.5581e+004	1.7132e+005	-5.9595e+005
153	3	7.1726e+001	-3.0539e+003	-3.2866e+003	7.9734e+004	1.4479e+006	-7.6155e+005
	56	-7.1726e+001	3.0539e+003	3.2866e+003	-7.9734e+004	4.9085e+004	-6.2797e+005
154	6	-1.3582e+003	1.6026e+003	-5.7591e+003	7.1275e+004	2.0730e+006	5.3772e+005
	51	1.3582e+003	-1.6026e+003	5.7591e+003	-7.1275e+004	8.6299e+005	2.9037e+005
155	17	1.0624e+004	7.0496e+003	-6.0255e+003	-2.0722e+004	1.9953e+006	1.9597e+006
	48	-1.0624e+004	-7.0496e+003	6.0255e+003	2.0722e+004	5.3545e+005	8.9255e+005
156	28	1.1755e+004	6.1447e+003	-6.8282e+003	-2.0722e+004	2.1308e+006	1.7928e+006
	47	-1.1755e+004	-6.1447e+003	6.8282e+003	2.0722e+004	6.9158e+005	7.3032e+005
157	27	-7.1977e+003	-5.9286e+003	-5.7008e+003	-2.0722e+004	1.9119e+006	-1.6813e+006
	45	7.1977e+003	5.9286e+003	5.7008e+003	2.0722e+004	7.6890e+005	-9.6779e+005
158	26	9.6194e+002	-5.6056e+003	-5.1838e+003	-2.0722e+004	1.8098e+006	-1.6273e+006
	43	-9.6194e+002	5.6056e+003	5.1838e+003	2.0722e+004	7.1942e+005	-8.7360e+005
160	25	-1.0238e+004	-6.4440e+003	-6.8081e+003	-2.0722e+004	2.0408e+006	-1.7597e+006
	40	1.0238e+004	6.4440e+003	6.8081e+003	2.0722e+004	7.9848e+005	-9.1562e+005
162	24	-1.0333e+003	-5.6540e+003	-5.3080e+003	-2.0722e+004	1.7784e+006	-1.5946e+006
	37	1.0333e+003	5.6540e+003	5.3080e+003	2.0722e+004	7.4173e+005	-9.1406e+005
163	12	5.7555e+003	-7.4336e+003	-4.4957e+003	-2.0722e+004	1.5943e+006	-1.8974e+006
	36	-5.7555e+003	7.4336e+003	4.4957e+003	2.0722e+004	8.1061e+005	-1.1737e+006
165	23	5.5796e+003	-6.1632e+003	-5.6253e+003	-2.0722e+004	1.7910e+006	-1.6399e+006
	34	-5.5796e+003	6.1632e+003	5.6253e+003	2.0722e+004	8.3320e+005	-1.0496e+006
166	22	-1.3761e+004	6.1279e+003	-6.5437e+003	-2.0722e+004	1.9581e+006	1.6878e+006
	33	1.3761e+004	-6.1279e+003	6.5437e+003	2.0722e+004	7.5210e+005	8.3495e+005

168	11	-1.1708e+004	7.0688e+003	-5.2420e+003	-2.0722e+004	1.7523e+006	1.8665e+006
	31	1.1708e+004	-7.0688e+003	5.2420e+003	2.0722e+004	5.7601e+005	9.9721e+005

PCC_r2.sap

Generato giovedì 5 settembre 2013 alle ore 15:15:17.
EasyBeam EWS 37 (14.02.2013) build 5121

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		1.50
Acciaio		1.15
Legami costitutivi		
Asse parabola calcestruzzo (x1000)		2.00
Fattore di riduzione addizionale		0.85
Deformazione ultima calcestruzzo (x1000)		3.50
Deformazione ultima acciaio (x1000)		10.00
Incremento resistenza acciaio		0.00
Opzioni di progetto		
Considerata l'eccentricità accidentale sui pilastri		NO
Considerata la traslazione del diagramma dei momenti		SI
Armatura longitudinale		
Lunghezza massima barre	cm	1200.00
Massima distanza barre	cm	1000.00
Diametri minimi di ancoraggio		20.00
Progetto antisismico		
Gerarchia delle resistenze		SI
Fattore di sicurezza per la gerarchia delle resistenze		1.10
Progetto per taglio dovuto ad azione simica		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		0.00
Rapporto di bilanciamento di armatura		0.50
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 dei materiali

Metamateriali

Cls 28/35	Nome	Cls 28/35
	Tipo	Cemento armato
	Resistenza cubica calcestruzzo	356.900675
	Resistenza acciaio	4589.000000
	Copriferro	4.0000
	Interferro	4.0000
	Max distanza barre	40.0000
	Max distanza braccia	75.0000
	Classe calcestruzzo	C28/35
	Classe acciaio	B450C
	Coeff. Dil. Termica	0.000012000
	Non strutturale	no
	Max distanza legature	40.0000

Calcestruzzi

		Calcestruzzo Cls 28/35
Denominazione materiale		C28/35
Resistenza cubica	kg/cm2	356.90
Resistenza a compressione	kg/cm2	167.86
Resistenza a trazione frattile 5%	kg/cm2	13.40
Tensione di aderenza	kg/cm2	30.16

Acciai

		Acciaio Cls 28/35
Denominazione materiale		B450C
Resistenza caratteristica acciaio	kg/cm2	4589.00
Resistenza di calcolo	kg/cm2	3990.43

Tipi di carico

Nome	Tipo	Grav.	Gamma fav	Gamma unfav.	Gamma sismico	Psi 0	Psi 1	Psi 2	Psi 2 sismico	Phi (coeff. correl.)
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Sismico SLU	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLU	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
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	0.20	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.20	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
SISMICO SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
TORCENTE SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLV	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 SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Permanente g2	permanente	*	1.00	1.50	1.00	nd	nd	nd	nd	nd

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) Perma	Permanente
(1) Perma g2	Permanente g2
(1) Acc_150	Neve (q<1000)
(1) Acc_300	Cat. B: Uffici
(1) Torcente di piano SLO	Torcente SLO
(1) Torcente di piano SLD	Torcente SLD
(1) Torcente di piano SLV	Torcente SLV

Combinazioni di progetto dei carichi

1	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
2	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
3	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
4	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
5	**1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
6	**1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
7	**1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
8	**1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
9	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y**
10	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y**
11	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y**
12	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y**
13	**1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y**
14	**1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y**
15	**1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y**
16	**1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y**
17	**1.50 * (1) Acc_300 + 0.75 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma**
18	**1.05 * (1) Acc_300 + 1.50 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma**
19	**1.00 * (1) Perma g2 + 1.00 * (1) Perma**
20	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
21	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
22	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**

23	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
24	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
25	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
26	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
27	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
28	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
29	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
30	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
31	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
32	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
33	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
34	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
35	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
36	1.50 * (1) Acc_300 + 0.75 * (1) Acc_150 + 1.50 * (1) Perma g2 + 1.30 * (1) Perma
37	1.05 * (1) Acc_300 + 1.50 * (1) Acc_150 + 1.50 * (1) Perma g2 + 1.30 * (1) Perma
38	1.50 * (1) Perma g2 + 1.30 * (1) Perma

Combinazioni di esercizio dei carichi

1	Quasi Perm.	0.30 * (1) Acc_300 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
2	Quasi Perm.	1.00 * (1) Perma g2 + 1.00 * (1) Perma
3	Frequente	0.50 * (1) Acc_300 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
4	Frequente	0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
5	Frequente	1.00 * (1) Perma g2 + 1.00 * (1) Perma
6	Rara	1.00 * (1) Acc_300 + 0.50 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
7	Rara	0.70 * (1) Acc_300 + 1.00 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma
8	Rara	1.00 * (1) Perma g2 + 1.00 * (1) Perma

Combinazioni di danno dei carichi

1	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
2	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
3	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
4	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
5	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
6	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
7	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
8	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
9	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
10	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
11	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
12	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
13	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y

14	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
15	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
16	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
17	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
18	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
19	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
20	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
21	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
22	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
23	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
24	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
25	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
26	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
27	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
28	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
29	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
30	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
31	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
32	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y

Elementi

Elemento	Dal nodo	Al nodo	Offset estremo sinistro (cm)			Offset estremo destro (cm)			Lunghezza (cm)
			x	y	z	x	y	z	
88	48	84	0.00	0.00	0.00	0.00	0.00	0.00	375.00
89	47	83	0.00	0.00	0.00	0.00	0.00	0.00	375.00
90	46	82	0.00	0.00	0.00	0.00	0.00	0.00	390.00
91	45	81	0.00	0.00	0.00	0.00	0.00	0.00	390.00
92	44	80	0.00	0.00	0.00	0.00	0.00	0.00	405.00
93	43	79	0.00	0.00	0.00	0.00	0.00	0.00	405.00
94	42	78	0.00	0.00	0.00	0.00	0.00	0.00	424.00
95	41	77	0.00	0.00	0.00	0.00	0.00	0.00	424.00
96	40	76	0.00	0.00	0.00	0.00	0.00	0.00	424.00
97	39	75	0.00	0.00	0.00	0.00	0.00	0.00	440.00
98	38	74	0.00	0.00	0.00	0.00	0.00	0.00	440.00
99	37	73	0.00	0.00	0.00	0.00	0.00	0.00	440.00
100	36	72	0.00	0.00	0.00	0.00	0.00	0.00	460.00
101	35	71	0.00	0.00	0.00	0.00	0.00	0.00	460.00
102	34	70	0.00	0.00	0.00	0.00	0.00	0.00	460.00
103	33	69	0.00	0.00	0.00	0.00	0.00	0.00	470.00
104	32	68	0.00	0.00	0.00	0.00	0.00	0.00	470.00
105	31	67	0.00	0.00	0.00	0.00	0.00	0.00	470.00
106	60	39	0.00	0.00	0.00	0.00	0.00	0.00	50.00
107	13	60	0.00	0.00	0.00	0.00	0.00	0.00	350.00
108	61	42	0.00	0.00	0.00	0.00	0.00	0.00	50.00
109	14	61	0.00	0.00	0.00	0.00	0.00	0.00	350.00
110	62	44	0.00	0.00	0.00	0.00	0.00	0.00	50.00
111	15	62	0.00	0.00	0.00	0.00	0.00	0.00	350.00
112	63	46	0.00	0.00	0.00	0.00	0.00	0.00	50.00
113	16	63	0.00	0.00	0.00	0.00	0.00	0.00	350.00

114	64	55	0.00	0.00	0.00	0.00	0.00	0.00	55.00
115	10	64	0.00	0.00	0.00	0.00	0.00	0.00	350.00
116	59	54	0.00	0.00	0.00	0.00	0.00	0.00	80.00
117	9	59	0.00	0.00	0.00	0.00	0.00	0.00	350.00
118	57	52	0.00	0.00	0.00	0.00	0.00	0.00	130.00
119	7	57	0.00	0.00	0.00	0.00	0.00	0.00	350.00
120	58	53	0.00	0.00	0.00	0.00	0.00	0.00	105.00
121	8	58	0.00	0.00	0.00	0.00	0.00	0.00	350.00
149	1	50	0.00	0.00	0.00	0.00	0.00	0.00	509.00
150	5	49	0.00	0.00	0.00	0.00	0.00	0.00	405.00
151	4	30	0.00	0.00	0.00	0.00	0.00	0.00	430.00
152	2	29	0.00	0.00	0.00	0.00	0.00	0.00	480.00
153	3	56	0.00	0.00	0.00	0.00	0.00	0.00	455.00
154	6	51	0.00	0.00	0.00	0.00	0.00	0.00	509.00
155	17	48	0.00	0.00	0.00	0.00	0.00	0.00	400.00
156	28	47	0.00	0.00	0.00	0.00	0.00	0.00	400.00
157	27	45	0.00	0.00	0.00	0.00	0.00	0.00	400.00
158	26	43	0.00	0.00	0.00	0.00	0.00	0.00	400.00
159	21	41	0.00	0.00	0.00	0.00	0.00	0.00	400.00
160	25	40	0.00	0.00	0.00	0.00	0.00	0.00	400.00
161	20	38	0.00	0.00	0.00	0.00	0.00	0.00	400.00
162	24	37	0.00	0.00	0.00	0.00	0.00	0.00	400.00
163	12	36	0.00	0.00	0.00	0.00	0.00	0.00	400.00
164	19	35	0.00	0.00	0.00	0.00	0.00	0.00	400.00
165	23	34	0.00	0.00	0.00	0.00	0.00	0.00	400.00
166	22	33	0.00	0.00	0.00	0.00	0.00	0.00	400.00
167	18	32	0.00	0.00	0.00	0.00	0.00	0.00	400.00
168	11	31	0.00	0.00	0.00	0.00	0.00	0.00	400.00

Sezioni

Sezione rettangolare

Elemento	Materiale	Altezza (cm)	Base (cm)
95	Cls 28/35	80.00	40.00
98	Cls 28/35	80.00	40.00
101	Cls 28/35	80.00	40.00
104	Cls 28/35	80.00	40.00
159	Cls 28/35	80.00	40.00
161	Cls 28/35	80.00	40.00
164	Cls 28/35	80.00	40.00
167	Cls 28/35	80.00	40.00

Sezione poligonale regolare

Elemento	Materiale	Vertici	Raggio (cm)
88	Cls 28/35	12	30.00
89	Cls 28/35	12	30.00
90	Cls 28/35	12	30.00
91	Cls 28/35	12	30.00
92	Cls 28/35	12	30.00
93	Cls 28/35	12	30.00
94	Cls 28/35	12	30.00
96	Cls 28/35	12	30.00
97	Cls 28/35	12	30.00
99	Cls 28/35	12	30.00
100	Cls 28/35	12	30.00
102	Cls 28/35	12	30.00
103	Cls 28/35	12	30.00
105	Cls 28/35	12	30.00
106	Cls 28/35	12	30.00
107	Cls 28/35	12	30.00
108	Cls 28/35	12	30.00
109	Cls 28/35	12	30.00
110	Cls 28/35	12	30.00
111	Cls 28/35	12	30.00
112	Cls 28/35	12	30.00

113	Cls 28/35	12	30.00
114	Cls 28/35	12	30.00
115	Cls 28/35	12	30.00
116	Cls 28/35	12	30.00
117	Cls 28/35	12	30.00
118	Cls 28/35	12	30.00
119	Cls 28/35	12	30.00
120	Cls 28/35	12	30.00
121	Cls 28/35	12	30.00
149	Cls 28/35	12	30.00
150	Cls 28/35	12	30.00
151	Cls 28/35	12	30.00
152	Cls 28/35	12	30.00
153	Cls 28/35	12	30.00
154	Cls 28/35	12	30.00
155	Cls 28/35	12	30.00
156	Cls 28/35	12	30.00
157	Cls 28/35	12	30.00
158	Cls 28/35	12	30.00
160	Cls 28/35	12	30.00
162	Cls 28/35	12	30.00
163	Cls 28/35	12	30.00
165	Cls 28/35	12	30.00
166	Cls 28/35	12	30.00
168	Cls 28/35	12	30.00

Armatura longitudinale negli elementi

Elemento	Area (cm2)	Y (cm)	Z (cm)	Ascissa iniz. (cm)	Lunghezza (cm)
88	3.14	-25.50	-5.07	157.88	213.12
	3.14	-9.95	-24.02	157.88	213.12
	5.33	-24.02	-9.95	157.88	217.12
	5.33	-24.02	9.95	27.50	343.50
	5.33	-9.95	24.02	27.50	343.50
	3.14	25.50	-5.07	27.50	114.62
	5.33	24.02	-9.95	27.50	343.50
	3.14	9.95	-24.02	27.50	343.50
	3.14	9.95	24.02	27.50	245.87
	3.14	24.02	9.95	27.50	245.87
	5.33	18.38	-18.38	27.50	343.50
	5.33	0.00	-26.00	27.50	343.50
	5.33	-18.38	-18.38	27.50	343.50
	5.33	-26.00	0.00	27.50	343.50
	5.33	-18.38	18.38	27.50	343.50
	5.33	0.00	26.00	27.50	343.50
	5.33	18.38	18.38	27.50	343.50
	5.33	26.00	0.00	27.50	343.50
89	5.33	23.44	9.02	0.00	375.00
	5.33	-17.89	-17.43	0.00	375.00
	5.33	-16.85	18.48	0.00	375.00
	5.33	18.59	16.73	0.00	375.00
	5.33	17.78	-17.55	0.00	375.00
	5.33	25.86	1.42e-014	0.00	375.00
	5.33	0.00	25.86	0.00	375.00
	5.33	1.78e-014	-25.86	0.00	375.00
	5.33	-25.86	7.11e-015	0.00	375.00
90	5.33	23.24	9.79	0.00	390.00
	5.33	-17.55	-17.78	0.00	390.00
	5.33	-17.31	18.01	0.00	390.00
	5.33	16.96	18.36	0.00	390.00
	5.33	17.89	-17.43	0.00	390.00
	5.33	25.86	1.42e-014	0.00	390.00
	5.33	0.00	25.86	0.00	390.00
	5.33	1.78e-014	-25.86	0.00	390.00

	5.33	-25.86	7.11e-015	0.00	390.00
91	5.33	23.03	10.57	0.00	390.00
	5.33	-18.36	-16.96	0.00	390.00
	5.33	-17.43	17.89	0.00	390.00
	5.33	17.20	18.13	0.00	390.00
	5.33	17.66	-17.66	0.00	390.00
	5.33	25.86	1.42e-014	0.00	390.00
	5.33	0.00	25.86	0.00	390.00
	5.33	1.78e-014	-25.86	0.00	390.00
	5.33	-25.86	7.11e-015	0.00	390.00
92	5.33	-18.13	-17.20	0.00	405.00
	5.33	-17.89	17.43	0.00	405.00
	5.33	17.89	17.43	0.00	405.00
	5.33	18.36	-16.96	0.00	405.00
	5.33	25.86	1.42e-014	0.00	405.00
	5.33	0.00	25.86	0.00	405.00
	5.33	1.78e-014	-25.86	0.00	405.00
	5.33	-25.86	7.11e-015	0.00	405.00
93	5.33	-17.20	-18.13	0.00	405.00
	5.33	-18.24	17.08	0.00	405.00
	5.33	17.08	18.24	0.00	405.00
	5.33	17.89	-17.43	0.00	405.00
	5.33	25.86	1.42e-014	0.00	405.00
	5.33	1.78e-014	-25.86	0.00	405.00
	5.33	0.00	25.86	0.00	405.00
	5.33	-25.86	7.11e-015	0.00	405.00
94	5.33	-17.89	-17.43	0.00	424.00
	5.33	-17.89	17.43	0.00	424.00
	5.33	17.89	17.43	0.00	424.00
	5.33	17.31	-18.01	0.00	424.00
	5.33	25.86	1.42e-014	0.00	424.00
	5.33	-25.86	7.11e-015	0.00	424.00
	5.33	0.00	25.86	0.00	424.00
	5.33	1.78e-014	-25.86	0.00	424.00
95	3.14	9.00	16.00	219.03	204.97
	3.14	-9.00	16.00	219.03	204.97
	3.14	-9.00	-16.00	219.03	204.97
	3.14	9.00	-16.00	219.03	204.97
	5.33	36.00	0.00	27.50	135.07
	5.33	36.00	0.00	219.03	204.97
	5.33	-36.00	0.00	27.50	135.07
	5.33	-36.00	0.00	219.03	204.97
	5.33	36.00	16.00	27.50	396.50
	5.33	17.87	16.00	27.50	396.50
	5.33	-0.25	16.00	27.50	396.50
	5.33	-17.87	16.00	27.50	396.50
	5.33	-36.00	16.00	27.50	396.50
	5.33	-36.00	-16.00	27.50	396.50
	5.33	-17.87	-16.00	27.50	396.50
	5.33	0.25	-16.00	27.50	396.50
	5.33	17.87	-16.00	27.50	396.50
	5.33	36.00	-16.00	27.50	396.50
96	5.33	14.99	-20.34	0.00	424.00
	5.33	25.29	-2.14	0.00	424.00
	5.33	17.08	18.24	0.00	424.00
	5.33	-18.24	17.08	0.00	424.00
	5.33	-17.55	-17.78	0.00	424.00
	5.33	1.78e-014	-25.86	0.00	424.00
	5.33	0.00	25.86	0.00	424.00
	5.33	-25.86	7.11e-015	0.00	424.00
97	5.33	17.43	-17.89	0.00	440.00

	5.33	17.43	17.89	0.00	440.00
	5.33	-18.24	17.08	0.00	440.00
	5.33	-17.55	-17.78	0.00	440.00
	5.33	1.78e-014	-25.86	0.00	440.00
	5.33	-25.86	7.11e-015	0.00	440.00
	5.33	0.00	25.86	0.00	440.00
	5.33	25.86	1.42e-014	0.00	440.00
98	3.14	36.00	-8.00	27.50	179.87
	5.33	36.00	0.00	27.50	289.87
	3.14	36.00	8.00	27.50	179.87
	3.14	-36.00	8.00	27.50	179.87
	5.33	-36.00	0.00	27.50	289.87
	3.14	-36.00	-8.00	27.50	179.87
	5.33	36.00	16.00	27.50	412.50
	3.14	17.87	16.00	27.50	412.50
	5.33	-0.25	16.00	27.50	412.50
	3.14	-17.87	16.00	27.50	412.50
	5.33	-36.00	16.00	27.50	412.50
	5.33	-36.00	-16.00	27.50	412.50
	3.14	-17.87	-16.00	27.50	412.50
	5.33	0.25	-16.00	27.50	412.50
	3.14	17.87	-16.00	27.50	412.50
	5.33	36.00	-16.00	27.50	412.50
99	3.14	9.95	-24.02	27.50	408.50
	3.14	9.95	24.02	27.50	408.50
	3.14	24.02	9.95	27.50	408.50
	3.14	-24.02	9.95	27.50	205.87
	3.14	-9.95	24.02	27.50	205.87
	3.14	25.50	-5.07	27.50	205.87
	5.33	24.02	-9.95	27.50	408.50
	5.33	18.38	-18.38	27.50	408.50
	5.33	0.00	-26.00	27.50	408.50
	3.14	-18.38	-18.38	27.50	412.50
	5.33	-26.00	0.00	27.50	408.50
	5.33	-18.38	18.38	27.50	408.50
	5.33	0.00	26.00	27.50	408.50
	5.33	18.38	18.38	27.50	412.50
	5.33	26.00	0.00	27.50	408.50
100	5.33	-18.59	16.73	0.00	460.00
	5.33	-17.89	-17.43	0.00	460.00
	5.33	16.85	-18.48	0.00	460.00
	5.33	18.13	17.20	0.00	460.00
	5.33	25.86	1.42e-014	0.00	460.00
	5.33	0.00	25.86	0.00	460.00
	5.33	1.78e-014	-25.86	0.00	460.00
	5.33	-25.86	7.11e-015	0.00	460.00
101	3.14	36.00	-8.00	27.50	136.87
	5.33	36.00	0.00	27.50	274.87
	3.14	36.00	8.00	27.50	136.87
	3.14	-36.00	8.00	27.50	136.87
	5.33	-36.00	0.00	27.50	274.87
	3.14	-36.00	-8.00	27.50	136.87
	5.33	36.00	16.00	27.50	432.50
	3.14	17.87	16.00	27.50	432.50
	5.33	-0.25	16.00	27.50	432.50
	3.14	-17.87	16.00	27.50	432.50
	5.33	-36.00	16.00	27.50	432.50
	5.33	-36.00	-16.00	27.50	432.50
	3.14	-17.87	-16.00	27.50	432.50
	5.33	0.25	-16.00	27.50	432.50
	3.14	17.87	-16.00	27.50	432.50
	5.33	36.00	-16.00	27.50	432.50

102	3.14	-9.95	-24.02	290.63	165.37
	3.14	-24.02	-9.95	290.63	165.37
	3.14	9.95	-24.02	14.63	292.75
	3.14	-24.02	9.95	27.50	279.87
	3.14	-9.95	24.02	27.50	279.87
	3.14	25.50	-5.07	27.50	118.87
	5.33	24.02	-9.95	27.50	279.87
	5.33	18.38	-18.38	27.50	428.50
	5.33	0.00	-26.00	27.50	428.50
	5.33	-18.38	-18.38	27.50	432.50
	5.33	-26.00	0.00	27.50	428.50
	5.33	-18.38	18.38	27.50	428.50
	5.33	0.00	26.00	27.50	428.50
	3.14	9.95	24.02	27.50	428.50
	5.33	18.38	18.38	27.50	432.50
	5.33	24.02	9.95	27.50	428.50
	5.33	26.00	0.00	27.50	428.50
103	3.14	9.95	24.02	27.50	213.37
	3.14	24.02	9.95	27.50	213.37
	3.14	24.02	-9.95	27.50	213.37
	3.14	24.02	-9.95	276.13	189.87
	3.14	9.95	-24.02	27.50	213.37
	3.14	9.95	-24.02	276.13	189.87
	3.14	-24.02	9.95	27.50	438.50
	3.14	-9.95	24.02	27.50	438.50
	5.33	18.38	-18.38	27.50	442.50
	5.33	0.00	-26.00	27.50	438.50
	3.14	-18.38	-18.38	27.50	442.50
	5.33	-26.00	0.00	27.50	438.50
	5.33	-18.38	18.38	27.50	442.50
	5.33	0.00	26.00	27.50	438.50
	5.33	18.38	18.38	27.50	442.50
	5.33	26.00	0.00	27.50	438.50
104	5.33	36.00	16.00	27.50	442.50
	5.33	17.87	16.00	27.50	442.50
	5.33	-0.25	16.00	27.50	442.50
	5.33	-17.87	16.00	27.50	442.50
	5.33	-36.00	16.00	27.50	442.50
	5.33	-36.00	-16.00	27.50	442.50
	5.33	-17.87	-16.00	27.50	442.50
	5.33	0.25	-16.00	27.50	442.50
	5.33	17.87	-16.00	27.50	442.50
	5.33	36.00	-16.00	27.50	442.50
105	3.14	-24.02	9.95	276.13	189.87
	3.14	-9.95	24.02	276.13	189.87
	3.14	9.95	24.02	27.50	283.87
	5.33	24.02	9.95	27.50	283.87
	5.33	24.02	-9.95	27.50	438.50
	3.14	9.95	-24.02	27.50	438.50
	5.33	18.38	-18.38	27.50	442.50
	5.33	0.00	-26.00	27.50	438.50
	3.14	-18.38	-18.38	27.50	438.50
	5.33	-26.00	0.00	27.50	438.50
	5.33	-18.38	18.38	27.50	442.50
	5.33	0.00	26.00	27.50	438.50
	5.33	18.38	18.38	27.50	438.50
	5.33	26.00	0.00	27.50	438.50
106	5.33	17.31	-18.01	0.00	50.00
	5.33	25.86	1.42e-014	0.00	50.00
	5.33	17.55	17.78	0.00	50.00
	5.33	-16.62	18.71	0.00	50.00
	5.33	-17.20	-18.13	0.00	50.00
	5.33	1.78e-014	-25.86	0.00	50.00

	5.33	0.00	25.86	0.00	50.00
	5.33	-25.86	7.11e-015	0.00	50.00
107	5.33	18.38	-18.38	0.00	350.00
	5.33	0.00	-26.00	0.00	350.00
	5.33	-18.38	-18.38	0.00	350.00
	5.33	-26.00	0.00	0.00	350.00
	5.33	-18.38	18.38	0.00	350.00
	5.33	0.00	26.00	0.00	350.00
	5.33	18.38	18.38	0.00	350.00
	5.33	26.00	0.00	0.00	350.00
108	5.33	17.55	-17.78	0.00	50.00
	5.33	18.36	16.96	0.00	50.00
	5.33	-17.43	17.89	0.00	50.00
	5.33	-16.96	-18.36	0.00	50.00
	5.33	25.86	1.42e-014	0.00	50.00
	5.33	1.78e-014	-25.86	0.00	50.00
	5.33	0.00	25.86	0.00	50.00
	5.33	-25.86	7.11e-015	0.00	50.00
109	5.33	-24.02	9.95	0.00	140.87
	5.33	-9.95	24.02	0.00	140.87
	5.33	-9.95	-24.02	0.00	342.54
	5.33	-24.02	-9.95	0.00	140.87
	5.33	18.38	-18.38	0.00	350.00
	5.33	0.00	-26.00	0.00	350.00
	5.33	-18.38	-18.38	0.00	350.00
	5.33	-26.00	0.00	0.00	350.00
	5.33	-18.38	18.38	0.00	350.00
	5.33	0.00	26.00	0.00	350.00
	5.33	18.38	18.38	0.00	350.00
	5.33	26.00	0.00	0.00	350.00
110	5.33	17.20	-18.13	0.00	50.00
	5.33	25.86	1.42e-014	0.00	50.00
	5.33	18.82	16.50	0.00	50.00
	5.33	-17.31	18.01	0.00	50.00
	5.33	-17.20	-18.13	0.00	50.00
	5.33	1.78e-014	-25.86	0.00	50.00
	5.33	0.00	25.86	0.00	50.00
	5.33	-25.86	7.11e-015	0.00	50.00
111	3.14	9.95	24.02	0.00	140.87
	3.14	24.02	9.95	0.00	140.87
	3.14	-9.95	-24.02	0.00	140.87
	3.14	-24.02	-9.95	0.00	140.87
	3.14	18.38	-18.38	0.00	350.00
	5.33	0.00	-26.00	0.00	350.00
	5.33	-18.38	-18.38	0.00	350.00
	5.33	-26.00	0.00	0.00	350.00
	3.14	-18.38	18.38	0.00	350.00
	5.33	0.00	26.00	0.00	350.00
	5.33	18.38	18.38	0.00	350.00
	5.33	26.00	0.00	0.00	350.00
112	5.33	17.08	18.24	0.00	50.00
	5.33	25.86	1.42e-014	0.00	50.00
	5.33	17.08	-18.24	0.00	50.00
	5.33	-18.36	-16.96	0.00	50.00
	5.33	-18.01	17.31	0.00	50.00
	5.33	0.00	25.86	0.00	50.00
	5.33	1.78e-014	-25.86	0.00	50.00
	5.33	-25.86	7.11e-015	0.00	50.00
113	3.14	9.95	24.02	0.00	193.37
	3.14	24.02	9.95	0.00	193.37
	3.14	-9.95	-24.02	0.00	193.37

	3.14	-24.02	-9.95	0.00	193.37
	3.14	18.38	-18.38	0.00	350.00
	5.33	0.00	-26.00	0.00	350.00
	5.33	-18.38	-18.38	0.00	350.00
	5.33	-26.00	0.00	0.00	350.00
	3.14	-18.38	18.38	0.00	350.00
	5.33	0.00	26.00	0.00	350.00
	5.33	18.38	18.38	0.00	350.00
	5.33	26.00	0.00	0.00	350.00
114	3.14	9.95	24.02	0.00	51.00
	3.14	24.02	9.95	0.00	51.00
	3.14	18.38	-18.38	0.00	51.00
	5.33	0.00	-26.00	0.00	51.00
	3.14	-18.38	-18.38	0.00	51.00
	5.33	-26.00	0.00	0.00	51.00
	3.14	-18.38	18.38	0.00	51.00
	5.33	0.00	26.00	0.00	51.00
	5.33	18.38	18.38	0.00	51.00
	5.33	26.00	0.00	0.00	51.00
115	5.33	-17.43	-17.89	0.00	350.00
	5.33	-18.59	16.73	0.00	350.00
	5.33	18.82	-16.50	0.00	350.00
	5.33	17.55	17.78	0.00	350.00
	5.33	25.86	1.42e-014	0.00	350.00
	5.33	0.00	25.86	0.00	350.00
	5.33	1.78e-014	-25.86	0.00	350.00
	5.33	-25.86	7.11e-015	0.00	350.00
116	3.14	9.95	24.02	0.00	76.00
	3.14	24.02	9.95	0.00	76.00
	3.14	18.38	-18.38	0.00	76.00
	5.33	0.00	-26.00	0.00	76.00
	3.14	-18.38	-18.38	0.00	76.00
	5.33	-26.00	0.00	0.00	76.00
	3.14	-18.38	18.38	0.00	76.00
	5.33	0.00	26.00	0.00	76.00
	5.33	18.38	18.38	0.00	76.00
	5.33	26.00	0.00	0.00	76.00
117	3.14	-9.95	-24.02	0.00	350.00
	3.14	-24.02	-9.95	0.00	350.00
	3.14	18.38	-18.38	0.00	350.00
	5.33	0.00	-26.00	0.00	350.00
	5.33	-18.38	-18.38	0.00	350.00
	5.33	-26.00	0.00	0.00	350.00
	3.14	-18.38	18.38	0.00	350.00
	5.33	0.00	26.00	0.00	350.00
	5.33	18.38	18.38	0.00	350.00
	5.33	26.00	0.00	0.00	350.00
118	5.33	18.38	-18.38	0.00	126.00
	5.33	0.00	-26.00	0.00	126.00
	5.33	-18.38	-18.38	0.00	126.00
	5.33	-26.00	0.00	0.00	126.00
	5.33	-18.38	18.38	0.00	126.00
	5.33	0.00	26.00	0.00	126.00
	5.33	18.38	18.38	0.00	126.00
	5.33	26.00	0.00	0.00	126.00
119	3.14	-24.02	9.95	0.00	350.00
	3.14	-9.95	24.02	0.00	350.00
	3.14	24.02	-9.95	0.00	350.00
	3.14	9.95	-24.02	0.00	350.00
	5.33	18.38	-18.38	0.00	350.00
	5.33	0.00	-26.00	0.00	350.00
	3.14	-18.38	-18.38	0.00	350.00

	5.33	-26.00	0.00	0.00	350.00
	5.33	-18.38	18.38	0.00	350.00
	5.33	0.00	26.00	0.00	350.00
	3.14	18.38	18.38	0.00	350.00
	5.33	26.00	0.00	0.00	350.00
120	3.14	18.38	-18.38	0.00	101.00
	5.33	0.00	-26.00	0.00	101.00
	3.14	-18.38	-18.38	0.00	101.00
	5.33	-26.00	0.00	0.00	101.00
	3.14	-18.38	18.38	0.00	101.00
	5.33	0.00	26.00	0.00	101.00
	3.14	18.38	18.38	0.00	101.00
	5.33	26.00	0.00	0.00	101.00
121	3.14	-24.02	9.95	0.00	350.00
	3.14	-9.95	24.02	0.00	350.00
	3.14	24.02	-9.95	0.00	350.00
	5.33	18.38	-18.38	0.00	350.00
	3.14	9.95	-24.02	0.00	350.00
	5.33	0.00	-26.00	0.00	350.00
	3.14	-18.38	-18.38	0.00	350.00
	5.33	-26.00	0.00	0.00	350.00
	5.33	-18.38	18.38	0.00	350.00
	5.33	0.00	26.00	0.00	350.00
	3.14	18.38	18.38	0.00	350.00
	5.33	26.00	0.00	0.00	350.00
149	5.33	-24.02	9.95	309.28	195.72
	5.33	-9.95	24.02	309.28	195.72
	5.33	24.02	-9.95	0.00	199.72
	5.33	18.38	-18.38	0.00	505.00
	5.33	9.95	-24.02	0.00	199.72
	5.33	0.00	-26.00	0.00	509.00
	5.33	-18.38	-18.38	0.00	505.00
	5.33	-26.00	0.00	0.00	509.00
	5.33	-18.38	18.38	0.00	505.00
	5.33	0.00	26.00	0.00	509.00
	5.33	18.38	18.38	0.00	505.00
	5.33	26.00	0.00	0.00	509.00
150	3.14	-9.95	-24.02	0.00	184.12
	3.14	-24.02	-9.95	0.00	184.12
	3.14	24.02	-9.95	0.00	184.12
	3.14	9.95	-24.02	0.00	184.12
	3.14	-24.02	9.95	0.00	184.12
	3.14	-9.95	24.02	0.00	184.12
	5.33	18.38	-18.38	0.00	401.00
	5.33	0.00	-26.00	0.00	405.00
	5.33	-18.38	-18.38	0.00	401.00
	5.33	-26.00	0.00	0.00	405.00
	5.33	-18.38	18.38	0.00	401.00
	5.33	0.00	26.00	0.00	405.00
	3.14	18.38	18.38	0.00	401.00
	5.33	26.00	0.00	0.00	405.00
151	5.33	24.02	-9.95	0.00	166.37
	5.33	9.95	-24.02	0.00	166.37
	5.33	-24.02	9.95	0.00	166.37
	5.33	-9.95	24.02	0.00	166.37
	5.33	18.38	-18.38	0.00	426.00
	5.33	0.00	-26.00	0.00	430.00
	5.33	-18.38	-18.38	0.00	426.00
	5.33	-26.00	0.00	0.00	430.00
	5.33	-18.38	18.38	0.00	426.00
	5.33	0.00	26.00	0.00	430.00
	5.33	18.38	18.38	0.00	426.00

	5.33	26.00	0.00	0.00	430.00
152	5.33	18.38	-18.38	0.00	476.00
	5.33	0.00	-26.00	0.00	480.00
	5.33	-18.38	-18.38	0.00	476.00
	5.33	-26.00	0.00	0.00	480.00
	5.33	-18.38	18.38	0.00	476.00
	5.33	0.00	26.00	0.00	480.00
	5.33	18.38	18.38	0.00	476.00
	5.33	26.00	0.00	0.00	480.00
153	5.33	18.38	-18.38	0.00	451.00
	5.33	0.00	-26.00	0.00	455.00
	5.33	-18.38	-18.38	0.00	451.00
	5.33	-26.00	0.00	0.00	455.00
	5.33	-18.38	18.38	0.00	451.00
	5.33	0.00	26.00	0.00	455.00
	5.33	18.38	18.38	0.00	451.00
	5.33	26.00	0.00	0.00	455.00
154	3.14	-9.95	-24.02	309.28	195.72
	3.14	-24.02	-9.95	309.28	195.72
	3.14	9.95	24.02	0.00	199.72
	3.14	24.02	9.95	0.00	199.72
	3.14	24.02	-9.95	0.00	199.72
	3.14	9.95	-24.02	0.00	199.72
	3.14	-24.02	9.95	0.00	199.72
	3.14	-9.95	24.02	0.00	199.72
	5.33	18.38	-18.38	0.00	505.00
	5.33	0.00	-26.00	0.00	505.00
	5.33	-18.38	-18.38	0.00	505.00
	5.33	-26.00	0.00	0.00	505.00
	5.33	-18.38	18.38	0.00	505.00
	5.33	0.00	26.00	0.00	505.00
	5.33	18.38	18.38	0.00	505.00
	5.33	26.00	0.00	0.00	505.00
	5.33	-9.95	24.02	0.00	400.00
	5.33	-24.02	9.95	0.00	400.00
	5.33	18.38	-18.38	0.00	400.00
	5.33	0.00	-26.00	0.00	400.00
	3.14	-18.38	-18.38	0.00	400.00
	5.33	-26.00	0.00	0.00	400.00
	5.33	-18.38	18.38	0.00	400.00
	5.33	0.00	26.00	0.00	400.00
	5.33	18.38	18.38	0.00	400.00
	5.33	26.00	0.00	0.00	400.00
156	3.14	25.50	5.07	196.63	203.37
	3.14	9.95	24.02	0.00	243.37
	5.33	24.02	9.95	0.00	243.37
	5.33	24.02	9.95	196.63	203.37
	3.14	25.50	-5.07	0.00	243.37
	5.33	24.02	-9.95	0.00	243.37
	5.33	24.02	-9.95	196.63	203.37
	5.33	-9.95	24.02	0.00	400.00
	3.14	9.95	-24.02	0.00	243.37
	3.14	9.95	-24.02	196.63	203.37
	3.14	-24.02	9.95	0.00	243.37
	3.14	-24.02	9.95	196.63	203.37
	5.33	18.38	-18.38	0.00	400.00
	5.33	0.00	-26.00	0.00	400.00
	3.14	-18.38	-18.38	0.00	400.00
	5.33	-26.00	0.00	0.00	400.00
	5.33	-18.38	18.38	0.00	400.00
	5.33	0.00	26.00	0.00	400.00
	5.33	18.38	18.38	0.00	400.00

	5.33	26.00	0.00	0.00	400.00
157	5.33	-17.66	-17.66	0.00	400.00
	5.33	-16.62	18.71	0.00	400.00
	5.33	18.01	17.31	0.00	400.00
	5.33	18.71	-16.62	0.00	400.00
	5.33	25.86	1.42e-014	0.00	400.00
	5.33	1.78e-014	-25.86	0.00	400.00
	5.33	0.00	25.86	0.00	400.00
	5.33	-25.86	7.11e-015	0.00	400.00
158	5.33	25.86	1.42e-014	0.00	400.00
	5.33	17.66	-17.66	0.00	400.00
	5.33	17.43	17.89	0.00	400.00
	5.33	-17.66	17.66	0.00	400.00
	5.33	-18.13	-17.20	0.00	400.00
	5.33	1.78e-014	-25.86	0.00	400.00
	5.33	0.00	25.86	0.00	400.00
	5.33	-25.86	7.11e-015	0.00	400.00
	5.33	36.00	16.00	0.00	400.00
	5.33	17.87	16.00	0.00	400.00
	5.33	-0.25	16.00	0.00	400.00
	5.33	-17.87	16.00	0.00	400.00
	5.33	-36.00	16.00	0.00	400.00
	5.33	-36.00	-16.00	0.00	400.00
	5.33	-17.87	-16.00	0.00	400.00
	5.33	0.25	-16.00	0.00	400.00
	5.33	17.87	-16.00	0.00	400.00
	5.33	36.00	-16.00	0.00	400.00
160	5.33	17.66	17.66	0.00	400.00
	5.33	16.96	-18.36	0.00	400.00
	5.33	1.78e-014	-25.86	0.00	400.00
	5.33	-16.73	-18.59	0.00	400.00
	5.33	-18.94	16.38	0.00	400.00
	5.33	-25.86	7.11e-015	0.00	400.00
	5.33	0.00	25.86	0.00	400.00
	5.33	25.86	1.42e-014	0.00	400.00
	5.33	36.00	16.00	0.00	400.00
	3.14	17.87	16.00	0.00	400.00
	5.33	-0.25	16.00	0.00	400.00
	3.14	-17.87	16.00	0.00	400.00
	5.33	-36.00	16.00	0.00	400.00
	5.33	-36.00	-16.00	0.00	400.00
	3.14	-17.87	-16.00	0.00	400.00
	5.33	0.25	-16.00	0.00	400.00
	3.14	17.87	-16.00	0.00	400.00
	5.33	36.00	-16.00	0.00	400.00
	3.14	-9.95	-24.02	0.00	223.37
	3.14	-24.02	-9.95	0.00	223.37
	5.33	18.38	-18.38	0.00	400.00
	5.33	0.00	-26.00	0.00	400.00
	5.33	-18.38	-18.38	0.00	400.00
	5.33	-26.00	0.00	0.00	400.00
	5.33	-18.38	18.38	0.00	400.00
	5.33	0.00	26.00	0.00	400.00
	5.33	18.38	18.38	0.00	400.00
	5.33	26.00	0.00	0.00	400.00
163	5.33	17.43	-17.89	0.00	400.00
	5.33	16.96	18.36	0.00	400.00
	5.33	-18.01	17.31	0.00	400.00
	5.33	-17.31	-18.01	0.00	400.00
	5.33	1.78e-014	-25.86	0.00	400.00
	5.33	0.00	25.86	0.00	400.00

	5.33	25.86	1.42e-014	0.00	400.00
	5.33	-25.86	7.11e-015	0.00	400.00
	3.14	17.87	16.00	0.00	400.00
	3.14	-17.87	16.00	0.00	400.00
	3.14	-17.87	-16.00	0.00	400.00
	3.14	17.87	-16.00	0.00	400.00
	5.33	36.00	0.00	0.00	221.37
	5.33	36.00	0.00	198.63	201.37
	5.33	36.00	16.00	0.00	400.00
	5.33	-0.25	16.00	0.00	400.00
	5.33	-36.00	16.00	0.00	400.00
	5.33	-36.00	-16.00	0.00	400.00
	5.33	0.25	-16.00	0.00	400.00
	5.33	36.00	-16.00	0.00	400.00
	3.14	-9.95	-24.02	0.00	223.37
	3.14	-24.02	-9.95	0.00	223.37
	5.33	18.38	-18.38	0.00	400.00
	5.33	-18.38	-18.38	0.00	400.00
	5.33	-18.38	18.38	0.00	400.00
	5.33	0.00	-26.00	0.00	400.00
	5.33	-26.00	0.00	0.00	400.00
	5.33	0.00	26.00	0.00	400.00
	5.33	18.38	18.38	0.00	400.00
	5.33	24.02	9.95	0.00	400.00
	5.33	26.00	0.00	0.00	400.00
166	5.33	22.39	12.93	0.00	400.00
	5.33	23.21	-9.88	0.00	400.00
	5.33	-6.65	-24.08	0.00	400.00
	5.33	-23.00	10.68	0.00	400.00
	5.33	-19.71	-15.61	0.00	400.00
	5.33	16.64	18.69	0.00	400.00
	5.33	16.54	-18.79	0.00	400.00
	5.33	-16.64	18.69	0.00	400.00
	5.33	25.86	7.11e-015	0.00	400.00
	5.33	7.11e-015	25.86	0.00	400.00
	5.33	1.42e-014	-25.86	0.00	400.00
	5.33	-25.86	7.11e-015	0.00	400.00
167	3.14	36.00	-8.00	0.00	201.37
	3.14	36.00	8.00	0.00	201.37
	3.14	-36.00	8.00	0.00	201.37
	3.14	-36.00	-8.00	0.00	201.37
	5.33	17.87	16.00	0.00	400.00
	5.33	-17.87	16.00	0.00	400.00
	5.33	-17.87	-16.00	0.00	400.00
	5.33	17.87	-16.00	0.00	400.00
	5.33	36.00	0.00	0.00	201.37
	5.33	36.00	16.00	0.00	400.00
	5.33	-0.25	16.00	0.00	400.00
	5.33	-36.00	16.00	0.00	400.00
	5.33	-36.00	0.00	0.00	201.37
	5.33	-36.00	-16.00	0.00	400.00
	5.33	0.25	-16.00	0.00	400.00
	5.33	36.00	-16.00	0.00	400.00
168	3.14	-24.02	9.95	0.00	223.37
	3.14	-9.95	24.02	0.00	223.37
	3.14	9.95	-24.02	0.00	223.37
	3.14	9.95	-24.02	196.63	203.37
	3.14	24.02	-9.95	0.00	223.37
	3.14	24.02	-9.95	196.63	203.37
	3.14	9.95	24.02	0.00	223.37
	3.14	9.95	24.02	196.63	203.37
	5.33	24.02	9.95	0.00	223.37

5.33	24.02	9.95	196.63	203.37
3.14	-9.95	-24.02	0.00	223.37
3.14	-24.02	-9.95	0.00	223.37
5.33	18.38	-18.38	0.00	400.00
5.33	0.00	-26.00	0.00	400.00
5.33	-18.38	-18.38	0.00	400.00
5.33	-26.00	0.00	0.00	400.00
5.33	-18.38	18.38	0.00	400.00
5.33	0.00	26.00	0.00	400.00
5.33	18.38	18.38	0.00	400.00
5.33	26.00	0.00	0.00	400.00

Armatura trasversale negli elementi

Elemento	Ascissa iniz. (cm)	Lunghezza tratto (cm)	Area orizz. (cm2)	Area vert. (cm2)	Passo (cm)
88	0.00	375.00	1.57	1.57	10.00
89	0.00	74.90	1.57	1.57	10.00
	74.90	223.92	1.57	1.57	20.00
	298.82	76.18	1.57	1.57	10.00
90	0.00	76.88	1.57	1.57	10.00
	76.88	233.32	1.57	1.57	20.00
	310.19	79.81	1.57	1.57	10.00
91	0.00	80.74	1.57	1.57	10.00
	80.74	227.62	1.57	1.57	20.00
	308.36	81.64	1.57	1.57	10.00
92	0.00	69.46	1.57	1.57	10.00
	69.46	254.96	1.57	1.57	20.00
	324.42	80.58	1.57	1.57	10.00
93	0.00	80.00	1.57	1.57	10.00
	80.00	245.00	1.57	1.57	20.00
	325.00	80.00	1.57	1.57	10.00
94	0.00	59.61	1.57	1.57	10.00
	59.61	288.94	1.57	1.57	20.00
	348.55	75.45	1.57	1.57	10.00
95	0.00	27.50	2.36	2.36	10.00
	27.50	80.00	2.36	2.36	15.00
	107.50	208.99	2.36	2.36	18.00
	316.49	80.00	2.36	3.93	15.00
	396.49	27.51	2.36	2.36	10.00
96	0.00	84.46	1.57	1.57	10.00
	84.46	259.22	1.57	1.57	20.00
	343.69	80.31	1.57	1.57	10.00
97	0.00	47.78	1.57	1.57	10.00
	47.78	317.58	1.57	1.57	20.00
	365.36	74.64	1.57	1.57	10.00
98	0.00	27.50	2.36	2.36	10.00
	27.50	80.00	3.14	2.36	15.00
	107.50	224.99	2.36	2.36	22.00
	332.49	80.00	2.36	2.36	15.00
	412.49	27.51	2.36	2.36	10.00
99	27.50	384.99	1.57	1.57	14.00
100	0.00	460.00	1.57	1.57	24.00
101	0.00	27.50	2.36	2.36	10.00
	27.50	80.00	3.14	2.36	15.00
	107.50	244.99	2.36	2.36	23.00
	352.49	80.00	2.36	2.36	15.00
	432.49	27.51	2.36	2.36	10.00

102	27.50	404.99	1.57	1.57	13.00
103	27.50	414.99	1.57	1.57	16.00
104	0.00	27.50	2.36	2.36	10.00
	27.50	80.00	2.36	2.36	17.00
	107.50	254.99	2.36	2.36	25.00
	362.49	80.00	2.36	2.36	17.00
	442.49	27.51	2.36	2.36	10.00
105	0.00	470.00	1.57	1.57	14.00
106	0.00	50.00	1.57	1.57	10.00
107	0.00	77.88	1.57	1.57	10.00
	278.40	71.60	1.57	1.57	10.00
	77.88	200.51	1.57	1.57	20.00
108	0.00	50.00	1.57	1.57	10.00
109	0.00	72.28	1.57	1.57	10.00
	288.98	61.02	1.57	1.57	10.00
	72.28	216.70	1.57	1.57	20.00
110	0.00	50.00	1.57	1.57	10.00
111	0.00	80.32	1.57	1.57	10.00
	80.32	186.18	1.57	1.57	20.00
	266.50	83.50	1.57	1.57	10.00
112	0.00	50.00	1.57	1.57	10.00
113	0.00	67.36	1.57	1.57	10.00
	67.36	215.09	1.57	1.57	20.00
	282.45	67.55	1.57	1.57	10.00
114	0.00	55.00	1.57	1.57	10.00
115	0.00	280.00	1.57	1.57	21.00
	280.00	70.00	1.57	1.57	19.00
116	0.00	80.00	1.57	1.57	10.00
117	0.00	192.50	1.57	1.57	23.00
	192.50	157.50	1.57	1.57	15.00
118	0.00	130.00	1.57	1.57	10.00
119	0.00	350.00	1.57	1.57	15.00
120	0.00	105.00	1.57	1.57	10.00
121	0.00	350.00	1.57	1.57	16.00
149	0.00	509.00	1.57	1.57	23.00
150	0.00	405.00	1.57	1.57	23.00
151	0.00	430.00	1.57	1.57	23.00
152	0.00	480.00	1.57	1.57	23.00
153	0.00	455.00	1.57	1.57	23.00
154	0.00	509.00	1.57	1.57	23.00
155	0.00	400.00	1.57	1.57	22.00
156	0.00	76.43	1.57	1.57	10.00
	320.19	79.81	1.57	1.57	10.00
	76.43	243.77	1.57	1.57	20.00
157	0.00	69.86	1.57	1.57	10.00
	69.86	241.13	1.57	1.57	20.00
	310.99	89.01	1.57	1.57	10.00
158	0.00	77.58	1.57	1.57	10.00
	77.58	241.13	1.57	1.57	20.00

	318.70	81.30	1.57	1.57	10.00
159	0.00	80.00	2.36	2.36	15.00
	80.00	212.50	2.36	2.36	23.00
	292.50	80.00	2.36	2.36	15.00
	372.50	27.50	2.36	2.36	10.00
160	0.00	68.47	1.57	1.57	10.00
	68.47	252.45	1.57	1.57	20.00
	320.92	79.08	1.57	1.57	10.00
161	0.00	80.00	2.36	2.36	15.00
	80.00	212.50	2.36	2.36	23.00
	292.50	80.00	2.36	2.36	15.00
	372.50	27.50	2.36	2.36	10.00
162	0.00	220.00	1.57	1.57	23.00
	220.00	152.50	1.57	1.57	19.00
163	0.00	400.00	1.57	1.57	23.99
164	0.00	80.00	2.36	2.36	15.00
	80.00	212.50	2.36	2.36	23.00
	292.50	80.00	2.36	2.36	15.00
	372.50	27.50	2.36	2.36	10.00
165	0.00	372.50	1.57	1.57	19.00
166	0.00	400.00	1.57	1.57	25.00
167	0.00	80.00	3.14	2.36	15.00
	80.00	212.50	2.36	2.36	23.00
	292.50	80.00	2.36	2.36	15.00
	372.50	27.50	2.36	2.36	10.00
168	0.00	400.00	1.57	1.57	16.00

Verifica flessionale pilastri

Elem	Qta	Ascissa (cm)	Nx (kg)	Mz (kgxcm)	My (kgxcm)	F.Sic.	Comb.
88		31.50	36948.11	2367017.55	-1376765.77	3.73	14
		187.50	61868.28	-763948.50	-591929.17	7.33	37
		343.49	36409.52	-3498159.40	-837512.34	1.89	26
89		31.50	28107.27	1051945.82	2474305.21	3.35	9
		187.50	62262.25	-866917.53	-534622.91	4.64	37
		343.49	33364.61	-2437879.35	-2746821.84	1.16	20
90		31.50	39659.83	-2992594.14	-1508392.78	1.31	23
		195.00	38556.21	284037.03	90963.38	> 10.00	23
		358.49	37452.65	3560468.41	1690222.93	1.25	23
91		31.50	37750.58	-2671277.48	-2119483.85	1.30	27
		195.00	36646.96	273723.57	160143.33	> 10.00	27
		358.49	35543.41	3218523.79	2439615.50	1.23	27
92		31.50	46449.32	1723045.28	899881.52	2.20	5
		202.50	45295.07	-141987.23	-30565.43	> 10.00	5
		373.49	44140.87	-2006937.69	-960972.03	1.89	5
93		31.50	45934.99	1457588.03	1169894.73	2.30	1
		202.50	44780.74	-146102.49	-67835.15	> 10.00	1
		373.49	43626.54	-1749719.06	-1305508.23	1.96	1
94		31.50	46832.29	2256838.51	-1261864.24	1.65	14
		212.00	55250.71	-184539.74	19526.86	> 10.00	26
		392.49	44395.59	-2596296.30	1318657.33	1.44	14
95		31.50	36849.73	2565144.74	2848199.05	2.32	33
		212.00	37975.81	-581673.32	35936.55	> 10.00	23
		392.49	33961.77	-3175434.93	-3127105.40	1.44	33
96		31.50	55247.26	1783519.61	2088844.79	1.92	28
		212.00	36931.59	-111461.64	-72665.72	> 10.00	1

	392.49	52810.57	-1945697.35	-2198822.84	1.53	28
97	31.50	33224.80	-1541705.89	-825017.79	2.35	4
	220.00	42224.19	267109.22	92219.43	> 10.00	23
	408.49	40951.86	2116587.43	1034833.34	1.74	23
98	31.50	66899.82	-1613519.02	-439124.69	7.53	31
	220.00	65213.65	858211.16	33197.35	> 10.00	23
	408.49	63705.71	3505090.98	-108332.74	2.11	23
99	31.50	42653.81	-1470323.42	-1224033.19	4.11	27
	220.00	41381.43	139047.45	55839.42	> 10.00	27
	408.49	40109.11	1748355.96	1335662.66	2.48	27
100	31.50	40986.03	1727804.96	865236.88	3.64	24
	230.00	39646.15	-303014.14	-108521.97	> 10.00	24
	428.49	38306.32	-2333761.21	-1082246.83	1.63	24
101	31.50	58300.72	2450466.43	516732.80	5.55	32
	230.00	56101.23	-962588.82	-49764.90	8.94	24
	428.49	54513.29	-4583068.33	19939.23	1.58	24
102	31.50	35498.33	1752530.47	1467468.62	4.27	20
	230.00	34158.46	-142695.24	-59614.54	> 10.00	20
	428.49	32818.63	-2037851.13	-1586641.62	2.11	20
103	31.50	18245.62	-1355556.47	1828651.95	4.18	15
	235.00	17916.09	-136363.70	24217.21	> 10.00	22
	438.49	17971.51	1452560.32	-2065331.71	1.93	34
104	31.50	33862.93	1406592.93	2693382.13	2.60	34
	235.00	37744.07	-539296.76	35620.82	> 10.00	20
	438.49	25577.89	-1549072.98	-3003452.77	1.27	15
105	31.50	25608.69	1758636.77	-1438772.66	4.28	29
	235.00	21105.89	-158961.69	81469.12	> 10.00	3
	438.50	22861.47	-2033211.54	1544753.35	2.01	29
106	4.00	89133.75	-967003.47	-1161890.74	4.95	26
	18.50	89591.87	-1519914.06	-562343.93	4.64	24
	18.50	89591.87	-1519914.06	-562343.93	4.64	24
107	4.00	73879.09	2691464.65	2150600.14	1.35	5
	175.00	68323.23	-692771.12	-480328.52	5.45	4
	346.00	71307.93	-1217496.03	-1352493.72	4.07	13
108	4.00	115448.98	-1431093.26	251330.06	5.23	26
	18.50	115351.10	-1689975.24	386025.14	4.40	26
	18.50	115351.10	-1689975.24	386025.14	4.40	26
109	4.00	94776.26	3006300.29	1088270.97	1.73	7
	175.00	62486.65	-831896.20	405224.38	4.95	11
	346.00	121232.24	-1607809.95	-560737.15	4.68	26
110	4.00	89653.87	-809940.71	1060218.94	5.23	9
	18.50	89270.79	-1183492.35	809534.78	4.88	5
	18.50	89270.79	-1183492.35	809534.78	4.88	5
111	4.00	94217.24	2887726.40	1752471.81	1.72	5
	175.00	93375.74	611797.38	1410265.21	3.02	9
	346.00	91908.74	-1288587.39	-512038.19	5.33	5
112	4.00	82363.49	1396041.25	609745.64	4.83	23
	18.50	82265.62	1641965.27	681206.02	4.11	23
	18.50	82265.62	1641965.27	681206.02	4.11	23
113	4.00	60839.70	-3158376.24	-1702154.74	1.50	4
	175.00	78049.68	651339.78	1541554.57	3.31	9
	346.00	84663.16	1705126.27	724263.85	3.98	23
114	4.00	34079.01	1635416.43	529511.77	4.40	27
	23.48	33947.50	2018896.73	645609.34	2.21	27

	23.48	33947.50	2018896.73	645609.34	2.21	27
115	4.00	38888.69	-3193426.39	-1785072.55	1.13	27
	175.00	30221.05	882679.53	592924.33	3.84	20
	346.00	36580.19	1946911.52	559845.73	3.70	27
116	4.00	44556.13	1369475.29	692324.14	5.12	25
	40.00	36430.83	-1636050.03	-577433.30	2.20	3
	48.48	36373.56	-1769926.73	-539858.60	2.06	3
117	4.00	41346.91	2864629.28	1585853.71	1.29	1
	175.00	40192.66	747244.64	429331.28	4.88	1
	346.00	49153.09	1749594.80	750581.23	4.11	27
118	4.00	46184.10	849222.47	-2125461.59	3.55	16
	65.00	46321.28	1587466.35	-1034164.35	2.27	8
	98.48	46095.28	1895608.03	-571270.23	2.17	8
119	4.00	52378.19	-2368515.95	2074271.11	1.73	6
	175.00	50896.42	803104.97	-32242.74	6.12	1
	346.00	50004.44	-22348.60	-2143092.27	3.60	15
120	4.00	39049.44	968503.32	-1196756.48	4.97	4
	52.50	38680.97	1412341.42	-747490.60	2.22	8
	73.49	38539.31	1576806.85	-588370.64	2.12	8
121	4.00	44553.25	-2871629.42	697542.92	1.69	8
	175.00	44304.78	780621.27	-61810.93	6.27	1
	346.00	42349.12	1045163.49	-1260345.70	4.74	2
149	4.00	36698.16	399352.48	-3257696.16	1.65	10
	254.50	39041.80	-428719.79	1040780.40	3.73	34
	477.48	42116.13	-2658769.70	1152971.14	1.96	24
150	4.00	37151.94	-2993076.42	567830.39	1.91	23
	202.50	30134.68	171968.07	729146.25	5.07	30
	373.48	34657.93	2120124.03	10452.65	1.87	23
151	4.00	35214.79	-2768693.99	475218.91	2.06	4
	215.00	35368.27	40916.91	805421.64	5.26	11
	398.48	32552.02	2089363.64	34294.80	2.02	4
152	4.00	47745.49	-2325749.63	330021.09	1.86	4
	240.00	45979.27	93379.39	965732.08	4.49	15
	448.48	59901.09	1990317.75	153517.81	2.26	23
153	4.00	40814.53	-2375245.55	421085.46	1.77	4
	227.50	39361.81	31278.21	856875.68	5.03	15
	423.49	37983.00	1701074.60	47727.95	2.51	4
154	4.00	35500.83	-576178.80	3291129.10	1.74	15
	254.50	40730.83	-192967.56	-1123454.06	3.75	29
	477.48	60157.93	-2591667.03	-1690033.15	1.72	37
155	4.00	60030.39	2871264.94	-3170877.51	1.13	14
	200.00	58707.39	884189.41	-906699.96	3.82	14
	368.50	72916.30	1459413.86	10342.77	3.32	21
156	4.00	44709.78	-2825924.94	3210906.79	1.48	11
	200.00	59145.61	926335.07	-1080481.86	4.83	14
	368.50	72626.49	1535979.13	-747156.88	4.11	21
157	4.00	57870.43	-2303070.98	-2943905.68	1.17	16
	200.00	79569.46	445336.52	887021.88	4.68	9
	368.50	78925.62	1766794.63	1230777.89	2.17	27
158	4.00	90642.42	2225939.30	2579910.09	1.39	9
	200.00	92352.31	-475140.17	-775497.54	5.22	16
	368.50	88023.16	-1233820.81	-954609.38	3.02	1
159	4.00	68153.71	5195537.88	1715924.00	1.25	16
	200.00	61581.27	-2217749.86	115503.03	3.56	24

	368.50	81380.28	-2415822.12	-875313.65	2.68	35
160	4.00	87549.35	2537176.58	2789306.60	1.23	9
	200.00	69346.33	-599965.35	-819912.43	4.55	16
	368.50	99898.70	-1480484.37	-1229219.73	3.51	20
161	4.00	109701.82	6272479.96	-543581.17	1.25	1
	200.00	102320.64	-1532684.33	-827406.51	3.37	12
	368.50	106864.02	-2678061.98	372793.99	2.79	5
162	4.00	67017.16	2478974.48	2021367.87	1.53	1
	200.00	65458.54	540018.58	594774.94	6.12	9
	368.50	60774.58	1293012.15	1042248.84	2.73	8
163	4.00	50706.52	2591403.67	2370299.30	1.25	5
	200.00	50558.50	408752.58	694832.19	5.33	13
	368.50	68875.22	1718060.50	1002088.69	2.26	4
164	4.00	111552.34	-6191781.96	722959.02	1.31	8
	200.00	108562.29	-1298329.08	-875592.18	3.66	12
	368.50	82157.08	-2730346.66	344893.09	2.78	1
165	4.00	47992.75	2884936.85	2064844.58	1.54	1
	200.00	63543.85	-311454.55	-725956.51	6.86	12
	368.50	45532.37	-1714988.93	-1322245.98	2.12	1
166	4.00	18282.11	-2757075.04	2572174.27	1.36	6
	200.00	35761.87	-720788.57	790403.83	5.04	15
	368.50	38952.69	-1368884.76	624122.66	3.58	22
167	4.00	71798.46	5431091.22	2039466.34	1.50	13
	200.00	46272.15	-1671820.99	-467406.30	5.32	31
	368.50	80763.59	-2501195.43	-950481.31	2.54	32
168	4.00	25630.29	2677575.47	-1927928.88	1.84	10
	200.00	48864.36	-480910.49	941781.55	5.80	13
	368.50	48999.47	-1692171.41	-597604.42	2.70	26

Minimo fattore di sicurezza: **1.131592** **>= 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 taglio pilastri

Elem	Qta	Ascissa (cm)	Nx (kg)	Ty (kg)	Tz (kg)	Vr (kg)	Theta	F. Sic.	Comb.
88		31.50	41475.18	0.00	54982.41	58817.27	2.50	1.07	sys
		187.50	41475.18	57225.75	0.00	59318.72	2.50	1.04	sys
		343.49	41475.18	57225.75	0.00	65010.51	2.50	1.14	sys
89		31.50	41847.35	48834.18	0.00	66170.04	2.50	1.35	sys
		187.50	41847.35	48834.18	0.00	30238.65	2.50	1.62	sys
		343.49	41847.35	48834.18	0.00	60477.30	2.50	1.24	sys
90		31.50	42717.09	30734.39	0.00	61747.23	2.50	2.01	sys
		195.00	42717.09	30734.39	0.00	30873.61	2.50	1.00	sys
		358.49	42717.09	30734.39	0.00	61747.23	2.50	2.01	sys
91		31.50	41567.74	30734.50	0.00	62480.03	2.50	2.03	sys
		195.00	41567.74	30734.50	0.00	31240.02	2.50	1.02	sys
		358.49	41567.74	30734.50	0.00	62480.03	2.50	2.03	sys
92		31.50	59949.19	0.00	27403.91	56856.24	2.50	2.07	sys
		202.50	59949.19	0.00	27403.91	28428.12	2.50	1.04	sys
		373.49	59949.19	0.00	27403.91	56856.24	2.50	2.07	sys
93		31.50	59392.98	27669.81	0.00	58104.72	2.50	2.10	sys
		202.50	59392.98	27669.81	0.00	29052.36	2.50	1.05	sys
		373.49	59392.98	27669.81	0.00	58104.72	2.50	2.10	sys

94	31.50	49029.21	25778.93	0.00	60272.10	2.50	2.34	sys
	212.00	49029.21	25778.93	0.00	30136.05	2.50	1.17	sys
	392.49	49029.21	25778.93	0.00	60272.10	2.50	2.34	sys
95	31.50	34178.85	0.00	40299.60	50746.36	2.50	1.26	sys
	212.00	34178.85	0.00	40299.60	42288.63	2.50	1.05	sys
	392.49	34178.85	70907.53	0.00	92899.18	2.42	1.31	sys
96	31.50	49930.34	0.00	29379.35	78938.78	2.50	3.12	sys
	212.00	54028.89	-10338.63	-11885.88	29144.60	2.50	1.85	28
	392.49	52810.57	-10314.15	-11860.60	64143.90	2.50	4.08	28
97	31.50	43184.28	24360.10	0.00	61657.49	2.50	2.53	sys
	220.00	43184.28	24360.10	0.00	30828.74	2.50	1.27	sys
	408.49	43184.28	24360.10	0.00	61657.49	2.50	2.53	sys
98	31.50	66237.38	0.00	33691.61	50746.36	2.50	1.51	sys
	220.00	66237.38	0.00	33691.61	34599.79	2.50	1.03	sys
	408.49	66237.38	64387.21	0.00	96008.08	2.50	1.49	sys
99	31.50	42275.83	40450.69	0.00	44675.69	2.50	1.10	sys
	220.00	42275.83	40450.69	0.00	43984.65	2.50	1.09	sys
	408.49	42275.83	40450.69	0.00	41690.87	2.50	1.03	sys
100	31.50	43418.22	0.00	30649.17	32891.16	2.50	1.78	sys
	230.00	43418.22	30774.31	0.00	32891.16	2.50	1.38	sys
	428.49	43418.22	30774.31	0.00	32891.16	2.50	1.38	sys
101	31.50	60940.40	0.00	31921.12	50746.36	2.50	1.59	sys
	230.00	60940.40	0.00	31921.12	33095.45	2.50	1.04	sys
	428.49	60940.40	63160.56	0.00	95501.38	2.50	1.51	sys
102	31.50	38043.45	41792.18	0.00	49010.04	2.50	1.17	sys
	230.00	38043.45	41792.18	0.00	49340.53	2.50	1.18	sys
	428.49	38043.45	41792.18	0.00	46478.15	2.50	1.11	sys
103	31.50	15962.76	0.00	36116.85	44208.03	2.50	1.22	sys
	235.00	15962.76	38038.81	0.00	42683.86	2.50	1.12	sys
	438.49	15962.76	38038.81	0.00	38686.52	2.50	1.02	sys
104	31.50	30446.48	0.00	29918.50	44776.20	2.50	1.50	sys
	235.00	30446.48	0.00	29918.50	30447.82	2.50	1.02	sys
	438.49	30446.48	0.00	29918.50	44776.20	2.50	1.50	sys
105	31.50	19632.27	38695.47	0.00	43859.78	2.50	1.13	sys
	235.00	19632.27	38695.47	0.00	41601.04	2.50	1.08	sys
	438.50	19632.27	38695.47	0.00	43013.70	2.50	1.11	sys
109	4.00	103693.81	44361.97	0.00	58093.57	2.50	1.31	sys
	175.00	103693.81	0.00	45406.46	31494.04	2.50	1.69	sys
	346.00	103693.81	0.00	45406.46	62052.41	2.50	1.37	sys
111	4.00	123372.14	0.00	39937.15	58154.98	2.50	1.46	sys
	175.00	123372.14	0.00	39937.15	28944.42	2.50	1.72	sys
	346.00	123372.14	39937.15	0.00	64287.94	2.50	1.61	sys
113	4.00	92287.50	38968.63	0.00	58154.96	2.50	1.49	sys
	175.00	92287.50	38968.63	0.00	29077.48	2.50	1.75	sys
	346.00	92287.50	0.00	38797.71	78938.78	2.50	2.08	sys
117	4.00	50679.24	37734.24	0.00	34321.21	2.50	1.07	sys
	175.00	50679.24	37734.24	0.00	34321.21	2.50	1.07	sys
	346.00	50679.24	37734.24	0.00	47528.11	2.50	1.26	sys
149	4.00	41793.76	24558.50	0.00	34321.21	2.50	1.44	sys
	254.50	41793.76	24558.50	0.00	25473.91	2.50	1.04	sys
	477.48	41793.76	0.00	24558.50	34321.21	2.50	1.44	sys
150	4.00	31977.52	27846.95	0.00	34321.21	2.50	1.38	sys
	202.50	31977.52	0.00	27846.95	34321.21	2.50	1.93	sys
	373.48	31977.52	0.00	27846.95	34321.21	2.50	1.93	sys
152	4.00	60651.97	0.00	21901.90	25473.91	2.50	1.16	sys

	240.00	60651.97	0.00	21901.90	25473.91	2.50	1.16	sys
	448.48	60651.97	0.00	21901.90	25473.91	2.50	1.16	sys
153	4.00	52092.03	0.00	22817.13	25473.91	2.50	1.12	sys
	227.50	52092.03	0.00	22817.13	25473.91	2.50	1.12	sys
	423.49	52092.03	0.00	22817.13	25473.91	2.50	1.12	sys
154	4.00	42084.11	0.00	24586.07	34139.87	2.50	1.39	sys
	254.50	42084.11	24586.07	0.00	25473.91	2.50	1.04	sys
	477.48	42084.11	0.00	24586.07	34321.21	2.50	1.60	sys
155	4.00	63567.66	0.00	29406.02	29809.10	2.50	1.01	sys
	200.00	63567.66	0.00	29406.02	29809.10	2.50	1.01	sys
	368.50	63567.66	0.00	29406.02	29809.10	2.50	1.01	sys
156	4.00	62569.99	37203.66	0.00	69703.52	2.50	1.87	sys
	200.00	62569.99	37203.66	0.00	34363.64	2.50	0.92	sys
	368.50	62569.99	37203.66	0.00	66138.22	2.50	1.78	sys
157	4.00	89403.31	27791.17	0.00	61280.82	2.50	2.21	sys
	200.00	89403.31	27791.17	0.00	30640.41	2.50	1.10	sys
	368.50	89403.31	27791.17	0.00	61280.82	2.50	2.21	sys
158	4.00	118723.13	0.00	29031.30	60907.20	2.50	2.10	sys
	200.00	118723.13	0.00	29031.30	30453.60	2.50	1.05	sys
	368.50	118723.13	0.00	29031.30	60907.20	2.50	2.10	sys
159	4.00	70842.52	0.00	27175.57	50746.36	2.50	1.87	sys
	200.00	70842.52	0.00	27175.57	33095.45	2.50	1.22	sys
	368.50	70842.52	0.00	27175.57	50746.36	2.50	1.87	sys
160	4.00	100392.62	0.00	34313.00	71808.80	2.50	2.09	sys
	200.00	100392.62	0.00	34313.00	35904.40	2.50	1.05	sys
	368.50	100392.62	34241.62	0.00	59363.06	2.50	1.73	sys
161	4.00	136957.57	0.00	28888.55	50746.36	2.50	1.76	sys
	200.00	136957.57	0.00	28888.55	33095.45	2.50	1.15	sys
	368.50	136957.57	0.00	28888.55	50746.36	2.50	1.76	sys
162	4.00	83196.43	0.00	29620.14	34321.21	2.50	1.30	sys
	200.00	83196.43	0.00	29620.14	34321.21	2.50	1.30	sys
	368.50	83196.43	29620.14	0.00	30836.83	2.50	1.04	sys
163	4.00	78916.15	26962.56	0.00	25520.07	2.50	1.95	sys
	200.00	78916.15	26962.56	0.00	25520.07	2.50	1.95	sys
	368.50	78916.15	26962.56	0.00	25520.07	2.50	1.95	sys
164	4.00	127419.88	0.00	28817.18	50746.36	2.50	1.76	sys
	200.00	127419.88	0.00	28817.18	33095.45	2.50	1.15	sys
	368.50	127419.88	0.00	28817.18	50746.36	2.50	1.76	sys
165	4.00	74113.70	0.00	30262.51	33364.28	2.50	1.10	sys
	200.00	74113.70	0.00	30262.51	33364.28	2.50	1.10	sys
	368.50	74113.70	32171.77	0.00	32670.16	2.50	1.02	sys
166	4.00	31648.95	33884.75	0.00	25496.14	2.50	1.75	sys
	200.00	31648.95	33884.75	0.00	25496.14	2.50	1.75	sys
	368.50	31648.95	33884.75	0.00	25496.14	2.50	1.75	sys
167	4.00	63064.05	0.00	29691.51	50746.36	2.50	1.71	sys
	200.00	63064.05	0.00	29691.51	33095.45	2.50	1.11	sys
	368.50	63064.05	57499.90	0.00	95704.85	2.50	1.66	sys
168	4.00	40298.88	35526.36	0.00	38475.79	2.50	1.08	sys
	200.00	40298.88	35526.36	0.00	38475.79	2.50	1.08	sys
	368.50	40298.88	35526.36	0.00	36259.74	2.50	1.02	sys

Minimo fattore di sicurezza: **1.01** **> 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 esposte le sollecitazioni di calcolo nelle componenti **Nx**, **Ty** e **Tz** di tale combinazione (vedi Combinazioni Progetto). Il campo **Theta** riporta il valore di ctg(θ) 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 a torsione

Elem	P/T	Qta	Ascissa (cm)	Comb.	Td (kgxcm)	Tr (kgxcm)	Vd (kg)	Vr (kg)	Fs
88	P		31.50	26	-25216.78	1646721.13	18510.79	64868.25	3.33
			187.50	26	-25216.78	1646721.13	18552.02	65002.56	3.33
			343.49	26	-25216.78	1646721.13	18510.79	63896.40	3.28
89	P		31.50	20	55291.75	1646721.13	19255.12	60566.07	2.84
			187.50	20	55291.75	1646721.13	19414.64	33484.29	1.63
			343.49	20	55291.75	1646721.13	19255.14	63277.96	2.96
90	P		31.50	31	81997.70	1646721.13	20789.32	65816.74	2.73
			195.00	23	40476.31	1646721.13	22328.88	28875.42	1.25
			358.49	31	81997.70	1646721.13	20789.33	65962.55	2.74
91	P		31.50	27	-61384.29	1646721.13	22718.78	64432.54	2.56
			195.00	27	-61384.29	1646721.13	22807.68	28735.18	1.20
			358.49	27	-61384.29	1646721.13	22718.79	65050.12	2.59
92	P		31.50	24	-46891.92	1646721.13	12293.53	58888.46	4.22
			202.50	24	-46891.92	1646721.13	12368.12	30546.72	2.31
			373.49	32	-86875.48	1646721.13	11209.67	61090.81	4.23
93	P		31.50	20	51196.06	1646721.13	12106.45	56144.24	4.05
			202.50	20	51196.06	1646721.13	12199.05	28561.02	2.18
			373.49	20	51196.06	1646721.13	12106.46	57501.96	4.14
94	P		31.50	29	85670.23	1646721.13	14526.50	61953.70	3.49
			212.00	33	-8022.30	1646721.13	15709.23	30670.64	1.93
			392.49	29	85670.23	1646721.13	14526.50	63513.45	3.56
95	P		31.50	29	91971.05	1778182.54	22877.20	64545.09	2.46
			212.00	15	-99589.83	1778182.54	17155.28	39370.81	2.03
			392.49	10	92468.35	1811075.81	20661.12	95091.31	3.73
96	P		31.50	28	10710.05	1646721.13	15718.00	62406.79	3.87
			212.00	28	10710.05	1646721.13	15753.14	29144.60	1.83
			392.49	32	-82982.48	1646721.13	13328.25	59370.19	3.64
97	P		31.50	31	72679.78	1646721.13	10141.48	62332.56	4.83
			220.00	23	35876.73	1646721.13	11035.76	28420.56	2.44
			408.49	31	72679.78	1646721.13	10141.49	61762.89	4.80
98	P		31.50	27	-58410.42	2140703.41	13679.92	107401.60	6.47
			220.00	31	78025.18	1778182.54	12855.74	63420.67	4.06
			408.49	31	78025.18	1685680.12	12755.51	83595.25	5.03
99	P		31.50	27	-54408.80	1646721.13	10847.95	42504.32	3.47
			220.00	27	-54408.80	1646721.13	10938.74	41718.14	3.39
			408.49	27	-54408.80	1646721.13	10847.96	43434.67	3.54
100	P		31.50	24	-41285.28	1646721.13	11300.69	26372.95	2.20
			230.00	24	-41285.28	1646721.13	11369.01	23604.63	1.97
			428.49	24	-41285.28	1646721.13	11300.69	27464.96	2.29
101	P		31.50	24	-44321.70	2152285.11	18204.06	106155.02	5.21
			230.00	32	-82113.70	1778182.54	16988.30	58594.25	2.98
			428.49	32	-82113.70	1703770.43	16922.22	84878.66	4.04
102	P		31.50	20	45074.79	1646721.13	12216.96	48025.84	3.55
			230.00	20	45074.79	1646721.13	12283.57	44866.27	3.32
			428.49	20	45074.79	1646721.13	12216.97	52482.09	3.84
103	P		31.50	15	-83687.73	1646721.13	11757.65	40163.95	2.91
			235.00	15	-83687.73	1646721.13	11795.73	38409.35	2.79
			438.49	15	-83687.73	1646721.13	11757.65	42022.18	3.02
104	P		31.50	34	-90291.37	1778182.54	16094.69	49750.67	2.67
			235.00	15	-89842.74	1778182.54	15485.60	31338.28	1.84
			438.49	34	-90291.37	1778182.54	16094.69	50229.87	2.69
105	P		31.50	29	77285.48	1646721.13	11824.42	44790.14	3.22
			235.00	29	77285.48	1646721.13	11870.16	43084.24	3.10

		438.50	29	77285.48	1646721.13	11824.42	47950.86	3.41
106	P	4.00	29	-13682.09	1646721.13	22525.89	64662.30	2.80
		18.50	27	-124609.31	1646721.13	9229.74	58686.92	4.29
		18.50	27	-124609.31	1646721.13	9229.74	58686.92	4.29
107	P	4.00	32	-55358.33	1646721.13	13205.09	58409.33	3.85
		175.00	5	-49810.59	1646721.13	15942.11	26499.88	1.58
		346.00	24	-50026.87	1646721.13	13992.52	56609.72	3.60
108	P	4.00	32	369278.25	1646721.13	21066.58	60349.07	1.74
		18.50	32	369278.25	1646721.13	31805.77	64238.68	1.39
		18.50	32	369278.25	1646721.13	31805.77	64238.68	1.39
109	P	4.00	26	-52032.72	1646721.13	14324.29	58159.37	3.60
		175.00	26	-52032.72	1646721.13	14551.80	28378.87	1.84
		346.00	26	-52032.72	1646721.13	14324.29	53845.57	3.36
110	P	4.00	24	67114.55	1646721.13	12518.11	62393.69	4.14
		18.50	5	66855.51	1646721.13	10600.25	73873.57	5.43
		18.50	5	66855.51	1646721.13	10600.25	73873.57	5.43
111	P	4.00	24	-54475.25	1646721.13	13473.46	60958.21	3.94
		175.00	5	-54107.58	1526740.35	14125.43	27288.33	1.81
		346.00	5	-54107.58	1526740.35	13425.40	54601.76	3.55
112	P	4.00	31	342326.99	1646721.13	17776.38	73130.08	2.22
		18.50	31	342326.99	1646721.13	15327.50	58012.89	2.12
		18.50	31	342326.99	1646721.13	15327.50	58012.89	2.12
113	P	4.00	23	48412.94	1646721.13	15741.46	66135.24	3.74
		175.00	23	48412.94	1646721.13	16408.24	28230.30	1.64
		346.00	23	48412.94	1526740.35	15741.46	58639.39	3.33
114	P	4.00	23	195567.41	1646721.13	18835.12	62412.29	2.38
		23.48	23	195567.41	1646721.13	18637.60	62297.81	2.39
		23.48	23	195567.41	1646721.13	18637.60	62297.81	2.39
115	P	4.00	27	-41264.42	1646721.13	16430.14	30630.98	1.78
		175.00	25	-112442.68	1646721.13	13937.95	23984.91	1.54
		346.00	27	-41264.42	1646721.13	16430.14	33100.10	1.92
116	P	4.00	24	-183872.29	1646721.13	15419.49	57379.77	2.63
		40.00	24	-183872.29	1646721.13	14583.92	60747.98	2.84
		48.48	24	-183872.29	1646721.13	14606.51	61483.36	2.86
117	P	4.00	27	-39887.29	1646721.13	15351.08	28595.52	1.78
		175.00	27	-39887.29	1646721.13	15926.16	24596.91	1.49
		346.00	27	-39887.29	1646721.13	15351.08	41231.47	2.52
118	P	4.00	28	-64091.68	1646721.13	20357.16	60771.68	2.67
		65.00	32	-96845.86	1646721.13	17835.88	54982.82	2.61
		98.48	11	-109016.81	1646721.13	15802.48	77208.76	3.69
119	P	4.00	25	-77113.67	1646721.13	14299.58	42501.20	2.61
		175.00	31	75305.36	1646721.13	11489.64	38738.51	2.92
		346.00	25	-77113.67	1646721.13	14299.58	45093.87	2.75
120	P	4.00	31	430863.67	1351959.30	12961.93	68306.01	1.97
		52.50	31	430863.67	1351959.30	12785.94	71649.47	2.01
		73.49	31	430863.67	1351959.30	12807.56	78937.22	2.29
121	P	4.00	6	-120681.83	1646721.13	12867.12	43555.45	2.71
		175.00	25	-120888.10	1646721.13	14064.82	36612.91	2.19
		346.00	25	-120888.10	1646721.13	13032.71	40033.70	2.51
149	P	4.00	26	47530.88	1646721.13	12819.32	27794.37	2.04
		254.50	24	4765.90	1646721.13	12001.25	25910.51	2.15
		477.48	22	80012.64	1646721.13	13311.17	30167.81	2.04
150	P	4.00	23	-4525.92	1646721.13	13917.70	28446.38	2.03
		202.50	4	-4582.14	1614130.87	13079.49	26801.25	2.04

		373.48	23	-4525.92	1614130.87	13918.83	28249.19	2.02
151	P	4.00	23	-4262.79	1646721.13	12448.34	28368.81	2.27
		215.00	20	44090.83	1646721.13	10134.32	27171.47	2.50
		398.48	23	-4262.79	1646721.13	12448.37	27916.00	2.23
152	P	4.00	23	-3818.75	1646721.13	9822.48	25299.50	2.56
		240.00	5	5006.41	1646721.13	7833.80	26820.70	3.39
		448.48	27	-38262.95	1646721.13	9041.21	25512.17	2.65
153	P	4.00	23	-4028.57	1646721.13	9786.41	27970.95	2.84
		227.50	24	5331.52	1646721.13	9562.80	31209.97	3.23
		423.49	23	-4028.57	1646721.13	9786.43	25180.91	2.56
154	P	4.00	34	-99475.56	1646721.13	11648.10	27495.67	2.07
		254.50	37	1730.79	1646721.13	10119.40	22761.16	2.24
		477.48	34	-99475.56	1646721.13	11654.94	29675.28	2.21
155	P	4.00	14	-56551.86	1646721.13	15047.13	30046.49	1.87
		200.00	33	-56841.20	1646721.13	15440.96	23623.16	1.45
		368.50	33	-56841.20	1646721.13	15075.74	26831.86	1.68
156	P	4.00	21	46195.13	1646721.13	15217.26	65636.07	3.85
		200.00	2	46484.46	1646721.13	15484.79	30096.67	1.84
		368.50	30	53831.24	1646721.13	15692.95	63217.49	3.56
157	P	4.00	35	-50953.12	1646721.13	14349.80	63062.04	3.87
		200.00	16	-50663.78	1646721.13	15599.76	28227.11	1.71
		368.50	27	-29578.15	1646721.13	15468.22	58283.52	3.53
158	P	4.00	28	47943.16	1646721.13	11879.60	55377.68	4.10
		200.00	9	48232.50	1646721.13	13758.50	28218.82	1.93
		368.50	28	47943.16	1646721.13	12408.71	52198.29	3.75
159	P	4.00	23	36244.89	1855134.62	24201.31	88287.83	3.41
		200.00	23	36244.89	1778182.54	24412.70	52584.66	2.06
		368.50	27	-31753.54	1848195.70	24030.86	75314.09	2.97
160	P	4.00	28	47943.16	1646721.13	14845.73	57119.36	3.46
		200.00	9	48232.50	1646721.13	15019.99	27293.58	1.73
		368.50	28	47943.16	1646721.13	15010.65	55964.88	3.36
161	P	4.00	5	-39165.61	1686029.27	24704.35	100171.01	3.71
		200.00	20	28522.21	1574996.37	25207.59	56923.11	2.17
		368.50	28	51469.25	1574996.37	21876.04	91845.85	3.69
162	P	4.00	27	-29578.15	1646721.13	13053.82	26492.67	1.96
		200.00	16	-50663.78	1646721.13	13745.76	24155.33	1.67
		368.50	27	-29578.15	1646721.13	13332.87	27612.49	2.00
163	P	4.00	23	33761.80	1646721.13	14464.87	26080.73	1.74
		200.00	5	-36482.42	1646721.13	14880.41	23617.53	1.53
		368.50	23	33761.80	1646721.13	14732.59	23853.03	1.57
164	P	4.00	27	-31753.54	1763472.58	23670.53	87937.31	3.48
		200.00	1	28832.82	1763472.58	25008.84	53761.24	2.08
		368.50	20	28522.21	1763472.58	25276.93	79633.88	3.00
165	P	4.00	20	26568.19	1646721.13	15565.22	33574.44	2.08
		200.00	9	48232.50	1646721.13	15482.26	29847.80	1.82
		368.50	20	26568.19	1646721.13	15814.33	32322.40	1.98
166	P	4.00	34	-9508.71	1646721.13	14178.30	25177.59	1.76
		200.00	34	-9508.71	1646721.13	14666.36	22364.22	1.51
		368.50	34	-9508.71	1646721.13	14305.63	23847.10	1.65
167	P	4.00	24	-39476.23	2115759.80	25106.67	109426.76	4.03
		200.00	13	-16218.56	1778182.54	22730.16	48771.74	2.10
		368.50	20	28522.21	1797370.38	25223.18	79527.72	3.00
168	P	4.00	26	-49205.09	1646721.13	13245.13	41642.13	2.87
		200.00	26	-49205.09	1646721.13	13400.83	39516.85	2.71

368.50	26	-49205.09	1646721.13	13285.71	38055.74	2.64

Minimo fattore di sicurezza: **1.203375** **>= 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 effetturla) il valore finale non tiene conto di tale verifica.

Verifica stato limite di esercizio - fessurazione

				Momenti agenti		Momenti prima fessurazione			
Elemento	Ascissa (cm)	Ampiezza Fess. (mm)	Dist.fessure (mm)	Mz (kgxcm)	My (kgxcm)	Mz (kgxcm)	My (kgxcm)	Comb.	Tipo
88	187.50	8.36e-003	178.66	-517262.67	-412409.69	1046217.22	1016043.82	1	qprm
	187.50	8.55e-003	178.66	-522619.30	-415339.05	1046217.22	1016043.82	3	freq
	343.49	3.42e-002	178.66	-1248664.62	-454352.43	1025764.45	986991.50	2	qprm
	343.49	3.43e-002	178.66	-1262483.62	-462271.90	1025764.45	986991.50	4	freq
89	187.50	1.31e-002	202.33	-593988.16	-357633.85	883817.79	852610.29	1	qprm
	187.50	1.34e-002	202.33	-597566.67	-360451.66	883817.79	852610.29	3	freq
	343.49	0.15	202.33	-996410.50	-1012679.48	853616.76	851725.19	2	qprm
	343.49	0.15	202.33	-1012599.89	-1022174.33	853616.76	851725.19	4	freq
90	31.50	4.09e-002	202.33	-883420.83	-487130.60	629124.36	629124.36	1	qprm
	31.50	4.94e-002	202.33	-910171.20	-500069.29	629124.36	629124.36	3	freq
	358.49	8.01e-002	202.33	1226679.25	589855.22	850379.78	855278.97	1	qprm
	358.49	8.65e-002	202.33	1258015.44	604659.13	850379.78	855278.97	4	freq
91	31.50	7.28e-002	202.33	-940256.47	-624282.53	629124.36	629124.36	1	qprm
	31.50	8.32e-002	202.33	-968972.41	-643864.34	629124.36	629124.36	3	freq
	358.49	0.13	202.33	1238544.58	870724.33	852599.91	852281.57	1	qprm
	358.49	0.13	202.33	1268466.25	891763.40	852599.91	852281.57	4	freq
94	31.50	6.02e-004	202.33	449041.34	183741.38	629124.36	629124.36	3	freq
	392.49	4.28e-003	202.33	-515425.22	-226044.60	853864.68	851729.81	1	qprm
	392.49	4.62e-003	202.33	-522452.29	-230015.07	853864.68	851729.81	3	freq
95	31.50	5.96e-002	172.89	2090061.24	23519.88	1387526.89	693763.45	1	qprm
	31.50	6.45e-002	172.89	2169416.06	23492.87	1387526.89	693763.45	3	freq
	392.49	0.13	172.89	-2460957.31	-26840.16	1988444.88	1104984.79	1	qprm
	392.49	0.13	172.89	-2533559.29	-26748.61	1988444.88	1104984.79	4	freq
97	408.49	2.95e-003	202.33	416280.21	221490.86	852574.15	852733.07	2	qprm
	408.49	2.95e-003	202.33	416280.21	221490.86	852574.15	852733.07	5	freq
99	408.49	1.35e-003	178.66	311662.01	231450.89	895659.00	921551.46	1	qprm
	408.49	1.36e-003	178.66	319496.38	238038.47	895659.00	921551.46	4	freq
100	428.49	7.64e-003	202.33	-535385.43	-172327.43	854780.83	849484.90	1	qprm
	428.49	7.76e-003	202.33	-548759.05	-179080.09	854780.83	849484.90	4	freq
101	428.49	3.59e-002	157.81	-1567868.50	-37921.10	1773428.85	971865.46	1	qprm
	428.49	3.67e-002	157.81	-1575834.91	-37944.61	1773428.85	971865.46	3	freq
102	31.50	4.08e-003	178.66	399341.91	361875.94	629124.36	629124.36	1	qprm
	31.50	4.56e-003	178.66	415134.95	374576.14	629124.36	629124.36	3	freq
	428.49	9.84e-003	178.66	-460832.47	-431330.69	945868.87	933136.12	1	qprm
	428.49	1.02e-002	178.66	-466774.04	-435946.72	945868.87	933136.12	3	freq
103	31.50	4.53e-003	178.66	117089.65	315858.69	629124.36	629124.36	1	qprm
	31.50	4.84e-003	178.66	126086.84	322877.46	629124.36	629124.36	3	freq
	438.49	1.85e-002	199.17	-137152.78	-387606.29	915078.62	915078.62	1	qprm
	438.49	1.88e-002	199.17	-141055.34	-390808.83	915078.62	915078.62	3	freq
104	31.50	7.44e-003	128.78	875691.06	161298.32	1387526.89	693763.45	1	qprm
	31.50	8.09e-003	128.78	916948.35	161671.42	1387526.89	693763.45	3	freq
	438.49	3.04e-002	157.81	-1038280.55	-201221.57	1807558.96	1026561.77	1	qprm
	438.49	3.26e-002	157.81	-1071872.59	-201885.53	1807558.96	1026561.77	4	freq

105	31.50	1.61e-002	178.66	604079.18	-40273.68	629124.36	629124.36	1	qprm
	31.50	1.67e-002	178.66	621825.66	-31238.70	629124.36	629124.36	3	freq
	438.50	4.72e-002	178.66	-671897.79	147787.48	928196.40	921551.46	1	qprm
	438.50	4.80e-002	178.66	-684063.67	140940.34	928196.40	921551.46	4	freq
114	4.00	8.25e-003	172.67	451420.17	-126919.29	841756.02	841756.02	2	qprm
	4.00	8.25e-003	172.67	451420.17	-126919.29	841756.02	841756.02	5	freq
	23.48	2.75e-002	172.67	544748.38	-131482.26	841756.02	841756.02	2	qprm
	23.48	2.75e-002	172.67	544748.38	-131482.26	841756.02	841756.02	5	freq
	23.48	2.75e-002	172.67	544748.38	-131482.26	841756.02	841756.02	2	qprm
	23.48	2.75e-002	172.67	544748.38	-131482.26	841756.02	841756.02	5	freq
115	4.00	1.45e-003	202.33	-345864.31	63776.40	858467.44	847948.69	1	qprm
	4.00	1.79e-003	202.33	-365928.69	63423.67	858467.44	847948.69	4	freq
	346.00	1.13e-002	172.67	580523.89	-90568.00	629124.36	629124.36	2	qprm
	346.00	1.27e-002	172.67	625350.78	-83112.74	629124.36	629124.36	4	freq
149	4.00	5.78e-002	178.66	839682.94	-538460.06	629124.36	629124.36	2	qprm
	4.00	5.98e-002	178.66	876483.39	-539636.29	629124.36	629124.36	4	freq
	254.50	1.12e-002	178.66	-425676.80	271674.38	863469.85	863469.85	1	qprm
	254.50	1.18e-002	178.66	-441575.12	271699.59	863469.85	863469.85	4	freq
	477.48	0.17	178.66	-1552043.78	992621.39	896576.94	896576.94	2	qprm
	477.48	0.18	178.66	-1614839.12	993906.67	896576.94	896576.94	4	freq
150	4.00	1.18e-003	178.66	-314683.43	-118920.36	629124.36	629124.36	2	qprm
	4.00	1.18e-003	178.66	-314683.43	-118920.36	629124.36	629124.36	5	freq
	373.48	2.10e-002	199.17	585528.36	228409.58	846162.85	846162.85	2	qprm
	373.48	2.21e-002	199.17	608736.59	226180.94	846162.85	846162.85	4	freq
154	4.00	5.60e-002	178.66	835906.53	655739.20	629124.36	629124.36	1	qprm
	4.00	6.04e-002	178.66	875808.13	660698.38	629124.36	629124.36	4	freq
	254.50	6.38e-003	178.66	-419946.50	-339756.64	863469.85	863469.85	2	qprm
	254.50	6.55e-003	178.66	-436071.49	-342958.71	863469.85	863469.85	4	freq
	477.48	0.19	178.66	-1537905.81	-1225702.99	883454.13	883454.13	1	qprm
	477.48	0.20	178.66	-1603839.21	-1236362.60	883454.13	883454.13	4	freq
155	368.50	4.03e-003	178.66	341385.44	577875.44	890540.36	878529.18	1	qprm
	368.50	4.43e-003	178.66	357420.78	586496.17	890540.36	878529.18	3	freq
156	368.50	1.81e-003	97.36	671208.59	71243.90	985292.77	935371.84	1	qprm
	368.50	1.91e-003	97.36	682732.42	80354.57	985292.77	935371.84	3	freq
159	368.50	1.97e-003	157.81	-1176872.92	-15274.62	1807558.96	1026561.77	1	qprm
	368.50	3.17e-003	157.81	-1276032.89	-15096.00	1807558.96	1026561.77	3	freq
167	368.50	1.26e-004	157.81	-835106.16	-85922.26	1807558.96	1026561.77	3	freq
168	368.50	3.89e-003	199.17	-495720.02	-47882.77	914067.47	933136.12	1	qprm
	368.50	4.48e-003	199.17	-517626.94	-59179.01	914067.47	933136.12	3	freq

Verifica stato limite di esercizio - tensioni massime nel calcestruzzo

		Combinazione rara				Combinazione quasi permanente			
Elemento	Ascissa (cm)	Tensione (kg/cm2)	Mz (kgxcm)	My (kgxcm)	Comb.	Tensione (kg/cm2)	Mz (kgxcm)	My (kgxcm)	Comb.
88	31.50	-19.05	205472.12	-379911.78	7	-17.95	207973.91	-373756.50	1
	187.50	-35.56	-564450.69	-441322.12	7	-32.50	-517262.67	-412409.69	1
	343.49	-67.69	-1334324.26	-502728.54	7	-62.56	-1248664.62	-454352.43	2
89	31.50	-19.64	-196415.59	285092.97	7	-18.81	-180801.08	305912.42	2
	187.50	-41.73	-644101.86	-394282.77	7	-38.22	-593988.16	-357633.85	1
	343.49	-83.13	-1091756.08	-1073609.87	7	-77.58	-996410.50	-1012679.48	2
90	31.50	-63.52	-1019028.75	-552552.29	7	-55.29	-883420.83	-487130.60	1
	195.00	-22.29	189357.82	59139.23	7	-20.06	186356.99	58487.88	2
	358.49	-85.55	1397670.64	670793.43	7	-75.00	1226679.25	589855.22	1
91	31.50	-70.01	-1065599.30	-709911.61	6	-61.68	-940256.47	-624282.53	1
	195.00	-23.06	177990.58	144867.59	7	-20.37	165052.16	133661.03	2
	358.49	-93.61	1403259.91	987309.29	7	-82.46	1238544.58	870724.33	1

92	31.50	-22.67	50257.51	15676.12	7	-19.73	47115.14	10804.09	1
	202.50	-22.04	-37550.95	-26280.95	7	-19.01	-30231.27	-23356.00	2
	373.49	-25.37	-125355.54	-68236.17	7	-21.78	-106150.72	-56574.83	1
93	31.50	-25.58	122259.92	57379.80	7	-22.22	107147.92	49470.56	1
	202.50	-22.31	-46304.17	-31851.35	7	-19.29	-39203.53	-28204.83	2
	373.49	-29.23	-214860.45	-121078.37	7	-25.01	-179627.77	-103148.01	1
94	31.50	-36.79	507195.10	216644.42	6	-32.16	429395.28	173208.92	1
	212.00	-19.09	-61181.92	-37637.32	7	-16.67	-52488.65	-31343.27	2
	392.49	-42.68	-609105.62	-282682.03	7	-36.10	-515425.22	-226044.60	1
95	31.50	-46.92	2418437.28	23672.19	6	-41.02	2090061.24	23519.88	1
	212.00	-12.47	-240810.67	-1399.87	7	-11.53	-242144.25	-1499.24	2
	392.49	-70.25	-2831579.37	-26758.50	7	-61.27	-2460957.31	-26840.16	1
96	31.50	-29.77	291650.52	338389.04	7	-26.14	241773.60	305612.50	1
	212.00	-17.85	-12108.60	-18839.21	7	-15.81	-12502.94	-21174.48	2
	392.49	-35.23	-315854.41	-376051.80	7	-30.42	-249397.58	-334811.47	1
97	31.50	-21.97	-162863.54	-102834.44	7	-19.39	-144017.95	-86980.62	2
	220.00	-20.63	154746.00	72768.33	7	-18.36	138447.43	68067.11	1
	408.49	-34.67	472343.66	248364.54	7	-30.60	416280.21	221490.86	2
98	31.50	-15.91	15331.76	-5990.03	7	-14.33	-50435.08	-4951.43	2
	220.00	-25.81	429836.70	3272.67	7	-22.37	371489.57	2665.07	1
	408.49	-34.78	844325.55	12535.01	7	-30.44	749484.93	10563.23	2
99	31.50	-19.66	-295030.15	-222561.68	7	-17.53	-267568.68	-200377.79	1
	220.00	-16.03	27909.62	21053.09	7	-14.11	26585.82	19249.29	2
	408.49	-31.16	350836.84	264658.40	7	-27.38	311662.01	231450.89	1
100	31.50	-17.02	156261.97	29035.57	7	-15.53	155560.92	31071.94	2
	230.00	-23.51	-223159.35	-88493.90	7	-20.52	-195400.94	-73454.55	1
	428.49	-39.43	-602567.21	-206019.20	7	-34.66	-535385.43	-172327.43	1
101	31.50	-24.28	712824.23	24754.52	7	-21.51	645465.18	24860.91	1
	230.00	-26.36	-545295.25	-6475.30	7	-22.67	-461290.62	-6409.18	2
	428.49	-56.92	-1803368.37	-37703.97	7	-49.69	-1567868.50	-37921.10	1
102	31.50	-27.67	449417.36	402607.19	7	-24.57	399341.91	361875.94	1
	230.00	-12.21	-42037.44	-44373.84	7	-10.77	-38141.53	-40797.58	2
	428.49	-35.78	-533474.09	-491338.36	7	-31.10	-460832.47	-431330.69	1
103	31.50	-15.94	153001.14	344713.63	6	-14.34	117089.65	315858.69	1
	235.00	-5.53	-16674.08	-41774.19	7	-5.06	-13854.01	-38740.31	2
	438.49	-26.63	-177270.82	-422013.54	7	-23.63	-137152.78	-387606.29	1
104	31.50	-28.59	1037955.61	163722.93	6	-25.13	875691.06	161298.32	1
	235.00	-10.70	-113940.07	-20300.54	7	-9.75	-106419.93	-20117.33	2
	438.49	-45.48	-1221785.84	-204878.46	7	-39.89	-1038280.55	-201221.57	1
105	31.50	-26.23	676037.95	-3884.44	6	-23.71	604079.18	-40273.68	1
	235.00	-7.64	-21753.82	59646.01	6	-7.12	-33917.04	53758.04	1
	438.50	-38.25	-742565.01	109269.10	7	-34.28	-671897.79	147787.48	1
106	4.00	-34.73	-321350.05	-152369.91	7	-28.21	-195070.12	-90560.38	1
	18.50	-34.01	-302143.03	-139297.03	7	-27.73	-183731.93	-79427.34	1
	18.50	-34.01	-302143.03	-139297.03	7	-27.73	-183731.93	-79427.34	1
107	4.00	-34.61	33788.30	14779.34	7	-30.57	52313.57	30752.91	1
	175.00	-33.65	12079.01	16403.00	7	-28.25	-6717.02	4819.33	1
	346.00	-27.91	-52325.94	-7098.66	6	-25.12	-65747.62	-21114.25	1
108	4.00	-41.30	-403818.12	-173979.56	6	-35.50	-319925.87	-132699.98	1
	18.50	-43.63	-474154.84	-209885.77	6	-37.36	-376434.01	-161104.65	1
	18.50	-43.63	-474154.84	-209885.77	6	-37.36	-376434.01	-161104.65	1
109	4.00	-36.79	172137.94	75088.07	7	-31.61	158005.55	68310.03	1
	175.00	-40.02	-30176.87	-13905.87	7	-34.50	-37428.86	-14346.00	1
	346.00	-39.76	-273935.75	-121771.03	6	-34.43	-232863.27	-97002.03	1
110	4.00	-37.15	-55705.70	-35646.57	7	-32.64	-39846.54	-27812.43	1

	18.50	-38.04	-84322.50	-47040.55	7	-33.28	-60513.53	-36690.03	1
	18.50	-38.04	-84322.50	-47040.55	7	-33.28	-60513.53	-36690.03	1
111	4.00	-44.59	42344.95	16387.24	7	-38.26	33781.03	15037.20	1
	175.00	-45.77	13476.31	-5547.52	7	-39.06	4236.17	-5000.01	1
	346.00	-38.53	-15392.33	-27482.27	7	-33.25	-25308.69	-25037.23	1
112	4.00	-34.47	230448.92	130949.24	6	-31.30	226761.40	130850.87	1
	18.50	-37.40	316659.22	179122.36	6	-33.55	292720.74	168243.37	1
	18.50	-37.40	316659.22	179122.36	6	-33.55	292720.74	168243.37	1
113	4.00	-43.20	-290651.56	-184527.76	7	-36.29	-216235.32	-137917.01	1
	175.00	-36.15	133333.29	53242.54	7	-30.68	90960.99	38082.12	1
	346.00	-46.16	557318.13	291012.84	7	-37.37	398157.31	214081.24	1
114	4.00	-22.94	428962.49	-141611.93	7	-22.70	451420.17	-126919.29	2
	23.48	-35.48	557654.96	-142171.51	7	-34.24	544776.98	-131361.06	1
	23.48	-35.48	557654.96	-142171.51	7	-34.24	544776.98	-131361.06	1
115	4.00	-29.23	-446295.99	61763.14	7	-23.41	-345864.31	63776.40	1
	175.00	-18.39	179159.64	3937.33	7	-14.28	117370.97	-13302.21	2
	346.00	-37.20	804615.27	-53888.49	7	-27.69	580540.04	-90344.21	1
116	4.00	-17.71	153956.18	5126.92	7	-16.59	175651.89	6847.23	1
	40.00	-20.66	101085.02	-17057.74	7	-20.24	148392.15	-6887.82	1
	48.48	-20.17	88623.98	-22286.38	7	-19.97	141967.39	-10125.00	1
117	4.00	-24.91	-138007.83	-4789.80	7	-20.82	-129711.13	-6210.81	1
	175.00	-19.89	69295.69	14352.94	7	-15.68	40847.78	4644.26	2
	346.00	-23.47	276599.21	33495.68	7	-18.52	211334.53	15569.40	1
118	4.00	-19.04	22376.06	-78024.79	7	-17.60	99843.48	-52691.21	1
	65.00	-31.61	292913.05	-60104.55	7	-29.07	300628.32	-56687.07	1
	98.48	-37.14	441407.73	-50268.33	7	-33.15	410836.84	-58880.36	1
119	4.00	-31.58	-204413.57	17451.89	7	-25.19	-161951.38	22905.44	1
	175.00	-26.05	58778.82	732.44	7	-19.96	24546.38	-2144.83	2
	346.00	-29.09	321971.20	-15987.01	7	-21.81	210924.78	-26899.45	1
120	4.00	-17.86	106112.13	-11749.15	7	-16.33	118833.70	-4785.52	1
	52.50	-19.30	3283.18	-29810.89	7	-17.50	39596.23	-19814.40	1
	73.49	-20.25	-41212.66	-37626.52	7	-16.74	5308.83	-26317.66	1
121	4.00	-24.44	-103198.51	-4855.05	7	-20.30	-100963.75	-3845.22	1
	175.00	-22.40	55411.82	7660.95	7	-17.42	30572.27	2250.92	2
	346.00	-23.91	214022.14	20176.96	7	-18.79	162050.93	8318.15	1
149	4.00	-62.40	1023494.16	-545317.71	7	-53.79	839682.94	-538460.06	2
	254.50	-36.13	-505159.53	271934.88	7	-31.83	-425676.80	271674.38	1
	477.48	-106.56	-1865883.92	999408.68	7	-92.63	-1552043.78	992621.39	2
150	4.00	-23.99	-354806.69	-94537.02	7	-22.10	-314683.43	-118920.36	2
	202.50	-18.51	212805.30	72922.31	7	-15.87	168959.83	67666.23	1
	373.48	-43.87	701730.74	217167.18	7	-38.01	585528.36	228409.58	2
151	4.00	-16.39	-54839.79	-4961.58	7	-15.45	-79906.23	-16645.26	2
	215.00	-17.61	54790.82	16520.02	7	-15.27	47135.45	11549.39	1
	398.48	-20.80	150124.81	35200.26	7	-19.06	157594.90	36008.13	2
152	4.00	-29.06	-198147.37	-88678.31	7	-25.78	-182762.03	-88577.43	2
	240.00	-25.28	122926.35	43714.51	7	-21.70	98562.79	43199.16	1
	448.48	-36.32	406561.62	160669.81	7	-31.58	347071.66	159407.34	2
153	4.00	-18.33	9490.46	-10490.12	7	-16.46	-17672.40	-15600.45	2
	227.50	-18.18	18856.25	10663.49	7	-15.76	14463.79	8116.61	1
	423.49	-18.43	27069.06	29213.00	7	-16.67	42628.91	28771.13	2
154	4.00	-65.87	1035222.62	681020.31	7	-56.34	835906.53	655739.20	1
	254.50	-38.06	-500481.76	-356039.02	7	-33.33	-419946.50	-339756.64	2
	477.48	-119.27	-1867486.75	-1279175.85	7	-102.63	-1537905.81	-1225702.99	1
155	4.00	-33.67	-185978.05	-354374.13	6	-31.19	-163706.87	-332567.49	1
	200.00	-29.30	125688.82	162066.87	7	-26.82	107892.83	156998.53	1

	368.50	-49.50	400150.04	612489.72	6	-45.59	341385.44	577875.44	1
156	4.00	-27.08	-361950.84	-86709.40	7	-25.36	-353568.53	-60402.51	1
	200.00	-28.79	214307.34	16915.86	7	-26.14	197477.60	10386.78	1
	368.50	-44.98	709712.97	106001.87	7	-41.71	671208.59	71243.90	1
157	4.00	-43.43	-271883.34	-176471.25	6	-37.72	-227557.19	-138533.86	1
	200.00	-37.93	159279.83	71613.87	6	-33.02	128927.15	55128.63	1
	368.50	-53.91	529948.16	284891.14	6	-45.99	435394.54	221619.08	1
158	4.00	-44.79	76527.86	32618.66	6	-39.44	59125.92	28620.82	1
	200.00	-42.72	-27151.92	-26916.39	6	-37.86	-24568.81	-23296.39	1
	368.50	-46.30	-116284.80	-78098.30	6	-40.75	-96520.66	-67929.30	1
159	4.00	-33.63	711041.84	12259.94	6	-29.03	575587.96	9504.82	1
	200.00	-28.52	-465201.61	-2765.69	6	-24.70	-366750.40	-3819.65	1
	368.50	-47.73	-1476410.90	-15683.13	6	-39.61	-1176872.92	-15274.62	1
160	4.00	-43.40	173294.92	165136.18	6	-37.96	131364.36	139321.69	1
	200.00	-39.19	-83284.05	-87018.37	6	-34.76	-67035.89	-73493.30	1
	368.50	-42.17	-303863.42	-303794.09	6	-36.73	-237599.38	-256449.05	1
161	4.00	-48.88	408946.62	-1253.85	6	-42.62	316300.59	504.97	1
	200.00	-44.76	-200474.82	4533.50	6	-39.55	-163352.56	4870.15	1
	368.50	-54.18	-724390.70	9508.85	6	-46.89	-575707.44	8622.86	1
162	4.00	-33.31	-71788.13	-55979.70	6	-29.85	-63320.73	-46316.74	1
	200.00	-28.11	31937.49	30831.43	7	-25.21	28086.47	29062.00	1
	368.50	-34.28	130143.64	113521.36	6	-30.27	106668.69	93864.65	1
163	4.00	-28.29	-48589.15	-10259.55	6	-25.63	-36131.52	-5542.38	1
	200.00	-27.91	31659.40	32773.89	7	-25.07	23388.73	27060.34	1
	368.50	-30.52	108671.88	72658.12	6	-26.89	74557.92	55088.70	1
164	4.00	-42.08	133932.03	10317.31	6	-37.54	112377.23	10476.49	1
	200.00	-38.59	-28939.93	6793.26	7	-34.24	-42160.74	6560.31	1
	368.50	-38.16	-184048.48	3650.10	6	-34.22	-175016.09	3193.61	1
165	4.00	-33.52	217781.41	191452.73	6	-29.56	180166.98	161192.40	1
	200.00	-28.75	-119370.91	-83455.17	6	-25.66	-103198.31	-70436.72	1
	368.50	-40.26	-409218.69	-319791.81	6	-35.23	-346805.70	-269566.85	1
166	4.00	-15.99	93322.75	163609.73	6	-14.35	70965.63	144390.83	1
	200.00	-12.08	-59254.84	-63697.56	6	-11.04	-50287.16	-57253.68	1
	368.50	-19.85	-190424.86	-259112.25	6	-17.67	-154527.44	-230606.23	1
167	4.00	-26.37	527288.24	64703.80	6	-23.24	422547.88	62516.93	1
	200.00	-20.69	-270874.18	-17338.03	6	-18.53	-226522.37	-17068.10	1
	368.50	-37.24	-957049.53	-87868.89	6	-32.39	-784524.09	-85486.85	1
168	4.00	-22.69	323300.91	84662.93	6	-20.13	274937.67	56382.41	1
	200.00	-16.41	-158718.04	-8414.86	6	-14.84	-139462.63	316.63	1
	368.50	-30.05	-573106.78	-88433.26	6	-26.31	-495720.02	-47882.77	1

Verifica stato limite di esercizio - tensioni massime nell'acciaio

		Combinazione rara				Combinazione quasi permanente			
Elemento	Ascissa (cm)	Tensione (kg/cm2)	Mz (kgxcm)	My (kgxcm)	Comb.	Tensione (kg/cm2)	Mz (kgxcm)	My (kgxcm)	Comb.
88	31.50	266.70	205472.12	-379911.78	7	250.03	207973.91	-373756.50	1
	187.50	486.45	-564450.69	-441322.12	7	444.70	-517262.67	-412409.69	1
	343.49	847.24	-1334324.26	-502728.54	7	778.75	-1248664.62	-454352.43	2
89	31.50	278.46	-196415.59	285092.97	7	266.20	-180801.08	305912.42	2
	187.50	545.15	-644101.86	-394282.77	7	497.18	-593988.16	-357633.85	1
	343.49	1238.39	-1091756.08	-1073609.87	7	1189.75	-996410.50	-1012679.48	2
90	31.50	811.83	-1019028.75	-552552.29	7	705.54	-883420.83	-487130.60	1
	195.00	314.95	189357.82	59139.23	7	282.15	186356.99	58487.88	2
	358.49	1018.99	1397670.64	670793.43	7	891.65	1226679.25	589855.22	1
91	31.50	877.81	-1065599.30	-709911.61	6	776.96	-940256.47	-624282.53	1

	195.00	324.16	177990.58	144867.59	7	285.54	165052.16	133661.03	2
	358.49	1178.07	1403259.91	987309.29	7	1058.51	1238544.58	870724.33	1
92	31.50	335.03	50257.51	15676.12	7	292.30	47115.14	10804.09	1
	202.50	326.02	-37550.95	-26280.95	7	281.56	-30231.27	-23356.00	2
	373.49	364.60	-125355.54	-68236.17	7	313.10	-106150.72	-56574.83	1
93	31.50	367.18	122259.92	57379.80	7	319.02	107147.92	49470.56	1
	202.50	328.64	-46304.17	-31851.35	7	284.37	-39203.53	-28204.83	2
	373.49	409.40	-214860.45	-121078.37	7	350.87	-179627.77	-103148.01	1
94	31.50	490.29	486764.64	207417.61	7	431.78	429395.28	173208.92	1
	212.00	278.67	-61181.92	-37637.32	7	243.40	-52488.65	-31343.27	2
	392.49	553.87	-609105.62	-282682.03	7	471.76	-515425.22	-226044.60	1
95	31.50	638.74	2418437.28	23672.19	6	553.72	2090061.24	23519.88	1
	212.00	181.06	-240810.67	-1399.87	7	166.84	-242144.25	-1499.24	2
	392.49	1251.54	-2831579.37	-26758.50	7	1083.65	-2460957.31	-26840.16	1
96	31.50	414.17	291650.52	338389.04	7	361.77	241773.60	305612.50	1
	212.00	264.82	-12108.60	-18839.21	7	233.86	-12502.94	-21174.48	2
	392.49	485.27	-315854.41	-376051.80	7	416.62	-249397.58	-334811.47	1
97	31.50	308.53	-162863.54	-102834.44	7	272.00	-144017.95	-86980.62	2
	220.00	288.60	154746.00	72768.33	7	256.93	138447.43	68067.11	1
	408.49	454.66	472343.66	248364.54	7	401.54	416280.21	221490.86	2
98	31.50	237.90	15331.76	-5990.03	7	213.61	-50435.08	-4951.43	2
	220.00	375.95	429836.70	3272.67	7	325.91	371489.57	2665.07	1
	408.49	497.19	844325.55	12535.01	7	434.91	749484.93	10563.23	2
99	31.50	279.17	-295030.15	-222561.68	7	248.52	-267568.68	-200377.79	1
	220.00	232.80	27909.62	21053.09	7	204.76	26585.82	19249.29	2
	408.49	428.44	350836.84	264658.40	7	376.01	311662.01	231450.89	1
100	31.50	245.74	156261.97	29035.57	7	223.33	155560.92	31071.94	2
	230.00	326.10	-223159.35	-88493.90	7	285.71	-195400.94	-73454.55	1
	428.49	524.29	-602567.21	-206019.20	7	463.32	-535385.43	-172327.43	1
101	31.50	348.25	712824.23	24754.52	7	308.03	645465.18	24860.91	1
	230.00	380.97	-545295.25	-6475.30	7	327.82	-461290.62	-6409.18	2
	428.49	785.71	-1803368.37	-37703.97	7	685.17	-1567868.50	-37921.10	1
102	31.50	385.13	449417.36	402607.19	7	342.04	399341.91	361875.94	1
	230.00	181.57	-42037.44	-44373.84	7	160.11	-38141.53	-40797.58	2
	428.49	493.79	-533474.09	-491338.36	7	429.99	-460832.47	-431330.69	1
103	31.50	204.91	153001.14	344713.63	6	184.28	117089.65	315858.69	1
	235.00	81.07	-16674.08	-41774.19	7	73.82	-13854.01	-38740.31	2
	438.49	347.28	-177270.82	-422013.54	7	300.58	-137152.78	-387606.29	1
104	31.50	386.03	1037955.61	163722.93	6	339.91	875691.06	161298.32	1
	235.00	155.48	-113940.07	-20300.54	7	141.47	-106419.93	-20117.33	2
	438.49	600.32	-1221785.84	-204878.46	7	526.22	-1038280.55	-201221.57	1
105	31.50	350.36	676037.95	-3884.44	6	317.22	604079.18	-40273.68	1
	235.00	110.22	-21753.82	59646.01	6	102.81	-33917.04	53758.04	1
	438.50	578.75	-742565.01	109269.10	7	519.52	-671897.79	147787.48	1
106	4.00	492.06	-321350.05	-152369.91	7	405.62	-195070.12	-90560.38	1
	18.50	482.81	-302143.03	-139297.03	7	399.08	-183731.93	-79427.34	1
	18.50	482.81	-302143.03	-139297.03	7	399.08	-183731.93	-79427.34	1
107	4.00	515.29	33788.30	14779.34	7	453.00	52313.57	30752.91	1
	175.00	503.15	12079.01	16403.00	7	423.05	-6717.02	4819.33	1
	346.00	416.91	-9630.27	18026.67	7	372.27	-65747.62	-21114.25	1
108	4.00	582.90	-403818.12	-173979.56	6	503.29	-319925.87	-132699.98	1
	18.50	611.72	-474154.84	-209885.77	6	526.25	-376434.01	-161104.65	1
	18.50	611.72	-474154.84	-209885.77	6	526.25	-376434.01	-161104.65	1
109	4.00	546.82	172137.94	75088.07	7	469.61	158005.55	68310.03	1
	175.00	592.80	-30176.87	-13905.87	7	511.47	-37428.86	-14346.00	1

	346.00	572.12	-273935.75	-121771.03	6	495.57	-232863.27	-97002.03	1
110	4.00	553.38	-55705.70	-35646.57	7	487.05	-39846.54	-27812.43	1
	18.50	564.00	-84322.50	-47040.55	7	494.79	-60513.53	-36690.03	1
	18.50	564.00	-84322.50	-47040.55	7	494.79	-60513.53	-36690.03	1
111	4.00	666.15	42344.95	16387.24	7	571.61	33781.03	15037.20	1
	175.00	684.94	13476.31	-5547.52	7	585.36	4236.17	-5000.01	1
	346.00	575.66	-15392.33	-27482.27	7	496.44	-25308.69	-25037.23	1
112	4.00	497.70	230448.92	130949.24	6	450.55	226761.40	130850.87	1
	18.50	534.21	316659.22	179122.36	6	478.55	292720.74	168243.37	1
	18.50	534.21	316659.22	179122.36	6	478.55	292720.74	168243.37	1
113	4.00	623.55	-290651.56	-184527.76	7	526.07	-216235.32	-137917.01	1
	175.00	533.76	133333.29	53242.54	7	454.23	90960.99	38082.12	1
	346.00	643.37	557318.13	291012.84	7	525.97	398157.31	214081.24	1
114	4.00	311.34	428962.49	-141611.93	7	309.15	451420.17	-126919.29	2
	23.48	478.69	557654.96	-142171.51	7	459.52	544776.98	-131361.06	1
	23.48	478.69	557654.96	-142171.51	7	459.52	544776.98	-131361.06	1
115	4.00	402.22	-446295.99	61763.14	7	323.54	-345864.31	63776.40	1
	175.00	261.79	179159.64	3937.33	7	204.92	117370.97	-13302.21	2
	346.00	499.73	804615.27	-53888.49	7	374.47	580540.04	-90344.21	1
116	4.00	256.13	153956.18	5126.92	7	238.19	175651.89	6847.23	1
	40.00	299.75	101085.02	-17057.74	7	290.16	148392.15	-6887.82	1
	48.48	293.24	88623.98	-22286.38	7	286.67	141967.39	-10125.00	1
117	4.00	361.28	-138007.83	-4789.80	7	301.01	-129711.13	-6210.81	1
	175.00	293.57	69295.69	14352.94	7	233.57	40847.78	4644.26	2
	346.00	335.32	276599.21	33495.68	7	264.98	211334.53	15569.40	1
118	4.00	281.58	22376.06	-78024.79	7	257.94	99843.48	-52691.21	1
	65.00	452.09	292913.05	-60104.55	7	413.40	300628.32	-56687.07	1
	98.48	523.78	441407.73	-50268.33	7	466.35	410836.84	-58880.36	1
119	4.00	459.04	-204413.57	17451.89	7	366.27	-161951.38	22905.44	1
	175.00	386.51	58778.82	732.44	7	297.69	24546.38	-2144.83	2
	346.00	417.98	321971.20	-15987.01	7	315.13	210924.78	-26899.45	1
120	4.00	261.66	106112.13	-11749.15	7	237.93	118833.70	-4785.52	1
	52.50	287.19	3283.18	-29810.89	7	257.82	39596.23	-19814.40	1
	73.49	299.98	-41212.66	-37626.52	7	249.02	5308.83	-26317.66	1
121	4.00	359.18	-103198.51	-4855.05	7	297.17	-100963.75	-3845.22	1
	175.00	331.90	55411.82	7660.95	7	259.14	30572.27	2250.92	2
	346.00	345.72	214022.14	20176.96	7	272.13	162050.93	8318.15	1
149	4.00	798.85	1023494.16	-545317.71	7	703.35	839682.94	-538460.06	2
	254.50	483.30	-505159.53	271934.88	7	430.99	-425676.80	271674.38	1
	477.48	1438.21	-1865883.92	999408.68	7	1220.83	-1552094.99	992486.05	1
150	4.00	325.71	-354806.69	-94537.02	7	295.34	-314683.43	-118920.36	2
	202.50	257.76	212805.30	72922.31	7	219.64	168959.83	67666.23	1
	373.48	565.74	701730.74	217167.18	7	475.84	585528.36	228409.58	2
151	4.00	242.19	-54839.79	-4961.58	7	225.85	-79906.23	-16645.26	2
	215.00	259.52	54790.82	16520.02	7	225.47	47135.45	11549.39	1
	398.48	300.63	150124.81	35200.26	7	273.99	157594.90	36008.13	2
152	4.00	413.23	-198147.37	-88678.31	7	366.24	-182762.03	-88577.43	2
	240.00	366.96	122926.35	43714.51	7	314.22	98562.79	43199.16	1
	448.48	499.51	406561.62	160669.81	7	434.17	347071.66	159407.34	2
153	4.00	274.13	9490.46	-10490.12	7	245.37	-17672.40	-15600.45	2
	227.50	270.66	18856.25	10663.49	7	234.89	14463.79	8116.61	1
	423.49	273.98	27069.06	29213.00	7	245.85	42628.91	28771.13	2
154	4.00	861.16	1035222.62	681020.31	7	750.76	835906.53	655739.20	1
	254.50	517.61	-500481.76	-356039.02	7	458.22	-419946.50	-339756.64	2

	477.48	1776.79	-1867486.75	-1279175.85	7	1544.78	-1537905.81	-1225702.99	1
155	4.00	478.88	-185978.05	-354374.13	6	442.54	-163706.87	-332567.49	1
	200.00	413.72	125688.82	162066.87	7	380.44	107892.83	156998.53	1
	368.50	669.03	400150.04	612489.72	6	612.81	341385.44	577875.44	1
156	4.00	388.58	-361950.84	-86709.40	7	362.97	-353568.53	-60402.51	1
	200.00	410.41	214307.34	16915.86	7	373.85	197477.60	10386.78	1
	368.50	623.08	709712.97	106001.87	7	577.04	671208.59	71243.90	1
157	4.00	618.68	-271883.34	-176471.25	6	538.07	-227557.19	-138533.86	1
	200.00	546.87	159279.83	71613.87	6	478.17	128927.15	55128.63	1
	368.50	738.51	529948.16	284891.14	6	631.49	435394.54	221619.08	1
158	4.00	662.20	76527.86	32618.66	6	584.39	59125.92	28620.82	1
	200.00	637.37	-27151.92	-26916.39	6	564.78	-24568.81	-23296.39	1
	368.50	679.33	-116284.80	-78098.30	6	598.80	-96520.66	-67929.30	1
159	4.00	484.13	711041.84	12259.94	6	419.00	575587.96	9504.82	1
	200.00	414.90	-465201.61	-2765.69	6	360.21	-366750.40	-3819.65	1
	368.50	672.27	-1476410.90	-15683.13	6	560.15	-1176872.92	-15274.62	1
160	4.00	631.60	173294.92	165136.18	6	555.03	131364.36	139321.69	1
	200.00	577.14	-83284.05	-87018.37	6	512.20	-67035.89	-73493.30	1
	368.50	601.25	-303863.42	-303794.09	6	523.77	-237599.38	-256449.05	1
161	4.00	721.78	408946.62	-1253.85	6	630.56	316300.59	504.97	1
	200.00	665.43	-200474.82	4533.50	6	588.31	-163352.56	4870.15	1
	368.50	791.84	-724390.70	9508.85	6	686.62	-575707.44	8622.86	1
162	4.00	489.92	-71788.13	-55979.70	6	439.00	-63320.73	-46316.74	1
	200.00	420.55	31937.49	30831.43	7	377.29	28086.47	29062.00	1
	368.50	502.81	130143.64	113521.36	6	444.79	106668.69	93864.65	1
163	4.00	420.34	-48589.15	-10259.55	6	381.43	-36131.52	-5542.38	1
	200.00	415.15	31659.40	32773.89	7	372.97	23388.73	27060.34	1
	368.50	444.26	108671.88	72658.12	6	394.38	74557.92	55088.70	1
164	4.00	623.83	133932.03	10317.31	6	556.60	112377.23	10476.49	1
	200.00	576.12	-28939.93	6793.26	7	511.48	-42160.74	6560.31	1
	368.50	569.90	-184048.48	3650.10	6	510.93	-175016.09	3193.61	1
165	4.00	484.32	217781.41	191452.73	6	428.07	180166.98	161192.40	1
	200.00	423.21	-119370.91	-83455.17	6	377.99	-103198.31	-70436.72	1
	368.50	574.16	-409218.69	-319791.81	6	503.42	-346805.70	-269566.85	1
166	4.00	220.37	93322.75	163609.73	6	199.58	70965.63	144390.83	1
	200.00	173.75	-59254.84	-63697.56	6	158.92	-50287.16	-57253.68	1
	368.50	268.96	-190424.86	-259112.25	6	239.21	-154527.44	-230606.23	1
167	4.00	377.60	527288.24	64703.80	6	333.30	422547.88	62516.93	1
	200.00	302.72	-270874.18	-17338.03	6	271.33	-226522.37	-17068.10	1
	368.50	524.28	-957049.53	-87868.89	6	456.49	-784524.09	-85486.85	1
168	4.00	322.61	323300.91	84662.93	6	284.32	274937.67	56382.41	1
	200.00	236.67	-158718.04	-8414.86	6	214.28	-139462.63	316.63	1
	368.50	412.42	-573106.78	-88433.26	6	362.20	-495720.02	-47882.77	1

Verifica stato limite di esercizio - deformabilità

Elem	Max. Defless. (cm)	Lunghezza (cm)	Ascissa (cm)	Rapporto Lx/	Tipo Comb.	Comb
88	0.0899	228.2609	375.0000	4173.4882	Rara	7
89	0.1310	228.2609	375.0000	2863.1622	Rara	7
90	0.0872	288.2609	390.0000	4472.0283	Rara	7
91	0.1042	288.2609	390.0000	3741.5786	Rara	7
92	0.0197	405.0000	405.0000	20531.3562	Rara	7
93	0.0329	405.0000	405.0000	12298.1695	Rara	7
94	0.0236	313.3913	424.0000	17989.6427	Quasi permanente	2
95	0.0514	313.3913	424.0000	8250.1962	Rara	7
96	0.0226	350.2609	424.0000	18733.9061	Quasi permanente	2
97	0.0391	286.9565	440.0000	11250.1301	Rara	7

98	0.0298	248.6957	440.0000	14769.3971	Rara	7
99	0.0175	440.0000	440.0000	25114.9029	Quasi permanente	2
100	0.0646	300.0000	460.0000	7118.7118	Rara	7
101	0.0494	320.0000	460.0000	9313.7991	Rara	7
102	0.0415	360.0000	460.0000	11080.6058	Rara	7
103	0.0499	367.8261	470.0000	9411.7445	Rara	7
104	0.0414	367.8261	470.0000	11358.4240	Rara	7
105	0.0428	367.8261	470.0000	10977.5597	Rara	7
106	0.0080	0.0000	50.0000	6262.9675	Rara	7
107	0.0080	350.0000	350.0000	43877.5973	Rara	7
108	0.0135	0.0000	50.0000	3704.5363	Rara	6
109	0.0135	350.0000	350.0000	25946.3629	Rara	6
110	0.0081	50.0000	50.0000	6165.7313	Rara	7
111	0.0074	350.0000	350.0000	47087.7096	Rara	7
112	0.0102	50.0000	50.0000	4906.6113	Rara	7
113	0.0240	243.4783	350.0000	14593.6970	Rara	7
114	0.0136	0.0000	55.0000	4052.0240	Frequente	3
115	0.0216	228.2609	350.0000	16176.8270	Rara	7
116	0.0097	80.0000	80.0000	8251.0468	Rara	7
117	0.0066	243.4783	350.0000	53270.0363	Rara	7
118	0.0148	130.0000	130.0000	8802.1758	Rara	7
119	0.0126	350.0000	350.0000	27739.4900	Frequente	3
120	0.0118	105.0000	105.0000	8866.7156	Rara	7
121	0.0081	228.2609	350.0000	43469.0388	Rara	7
149	0.2281	354.0870	509.0000	2231.1579	Rara	7
150	0.0506	281.7391	405.0000	8009.4254	Rara	7
151	0.0148	280.4348	430.0000	29001.2118	Rara	7
152	0.0425	333.9130	480.0000	11284.8285	Rara	7
153	0.0093	336.3043	455.0000	49101.2021	Rara	7
154	0.2658	354.0870	509.0000	1914.9232	Rara	7
155	0.0433	260.8696	400.0000	9227.3610	Rara	6
156	0.0484	260.8696	400.0000	8257.3643	Rara	7
157	0.0405	278.2609	400.0000	9886.6779	Rara	6
158	0.0053	260.8696	400.0000	75981.4902	Frequente	3
159	0.0341	260.8696	400.0000	11719.3349	Rara	6
160	0.0225	260.8696	400.0000	17748.2963	Rara	6
161	0.0127	260.8696	400.0000	31405.9709	Rara	6
162	0.0055	295.6522	400.0000	72154.9369	Rara	6
163	0.0095	400.0000	400.0000	41910.6318	Rara	7
164	0.0065	400.0000	400.0000	61661.4029	Rara	7
165	0.0232	278.2609	400.0000	17242.5206	Rara	6
166	0.0192	278.2609	400.0000	20836.5788	Rara	6
167	0.0185	260.8696	400.0000	21670.0143	Rara	6
168	0.0222	278.2609	400.0000	17999.2947	Rara	6

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)	
88	9604492.19	6039428.71	-57225.75	-57225.75	8758544.92	5785644.53	-54982.41	-54982.41	1.04
89	8879394.53	4456298.83	-48834.18	-48834.18	8009277.34	4250854.49	-45136.81	-45136.81	1.62
90	4444213.87	4444213.87	-30734.39	-30734.39	4299194.34	4299194.34	-29469.49	-29469.49	1.00
91	4444213.87	4444213.87	30734.50	-30734.50	4262939.45	4262939.45	29266.22	-29266.22	1.02
92	4456298.83	4456298.83	-28011.62	-28011.62	4359619.14	4359619.14	-27403.91	-27403.91	1.04
93	4395874.02	4395874.02	-27669.81	-27669.81	4407958.98	4407958.98	-27707.80	-27707.80	1.05
94	4311279.30	4311279.30	-25778.93	-25778.93	4311279.30	4311279.30	-25704.63	-25704.63	1.17
95	13988037.11	9797851.56	-70907.53	-70907.53	8059127.81	5459350.59	-40299.60	-40299.60	1.05
96	5169311.52	4214599.61	-28370.61	-28370.61	5374755.86	4347534.18	-29379.35	-29379.35	1.56
97	4262939.45	4262939.45	-24360.10	-24360.10	4262939.45	4262939.45	-24360.10	-24360.10	1.27

98	15105896.00	7429199.22	-64387.21	-64387.21	7867279.05	3924560.55	-33691.61	-33691.61	1.03
99	8371826.17	4395874.02	40450.69	40450.69	8275146.48	5012207.03	-38741.50	-38741.50	1.09
100	7018310.55	4287864.69	-30774.31	-30774.31	7018310.55	4241790.77	-30649.17	-30649.17	1.38
101	15619506.84	7332519.53	-63160.56	-63160.56	7888427.73	3864135.74	-31921.12	-31921.12	1.04
102	9036499.02	5205566.41	-41792.18	-41792.18	8541770.94	5108886.72	-38658.24	-38658.24	1.18
103	8879394.53	4552978.52	-38038.81	-38038.81	8202636.72	4552978.52	-36116.85	-36116.85	1.12
104	12477416.99	7405029.30	-52701.11	-52701.11	7332519.53	3954772.95	-29918.50	-29918.50	1.02
105	7719238.28	4697998.05	-38695.47	-38695.47	8639205.93	4746337.89	-36260.98	-36260.98	1.08
117	4244812.01	7139160.16	37734.24	37734.24	4244812.01	7139160.16	37734.24	37734.24	1.07
118	7791748.05	4504638.67	-131984.13	-131984.13	7791748.05	4504638.67	-131984.13	-131984.13	1.45
119	5012207.03	7815917.97	-40316.96	-40316.96	5012207.03	7815917.97	-40316.96	-40316.96	1.96
120	7114990.23	3827880.86	-155344.68	-155344.68	7114990.23	3827880.86	-155344.68	-155344.68	1.39
121	4915527.34	7139160.16	-37886.16	-37886.16	4915527.34	7139160.16	-37886.16	-37886.16	1.96
149	4552978.52	4552978.52	-24558.50	-24558.50	4552978.52	4552978.52	24558.50	24558.50	1.04
150	4915527.34	3903411.87	27846.95	27846.95	4915527.34	3903411.87	27846.95	27846.95	1.38
151	5743347.17	4385299.68	-27681.87	-27681.87	5743347.17	4385299.68	-27681.87	-27681.87	1.92
152	4504638.67	4504638.67	-21901.90	-21901.90	4504638.67	4504638.67	-21901.90	-21901.90	1.16
153	4433639.53	4433639.53	-22817.13	-22817.13	4433639.53	4433639.53	-22817.13	-22817.13	1.12
154	5302246.09	4456298.83	-24586.07	-24586.07	5302246.09	4456298.83	-24586.07	-24586.07	1.04
155	4782592.77	4782592.77	-29780.73	-29780.73	4583190.92	4583190.92	-29406.02	-29406.02	1.01
156	5840026.86	5846069.34	-37203.66	-37203.66	5688964.84	5374755.86	34741.24	34741.24	1.94
157	4685913.09	4685913.09	-27791.17	-27791.17	4676849.37	4676849.37	-27684.11	-27684.11	1.10
158	4915527.34	4915527.34	-29031.30	-29031.30	4915527.34	4915527.34	-29031.30	-29031.30	1.05
159	8178466.80	8178466.80	-48302.35	-48302.35	4601318.36	4601318.36	-27175.57	-27175.57	1.22
160	4746337.89	6269042.97	34241.62	34241.62	4776550.29	6812866.21	-34313.00	-34313.00	1.05
161	8371826.17	8371826.17	-49444.34	-49444.34	4891357.42	4891357.42	-28888.55	-28888.55	1.15
162	4915527.34	4728210.45	29620.14	29620.14	4915527.34	4728210.45	29620.14	29620.14	1.30
163	4552978.52	4552978.52	-26962.56	-26962.56	4601318.36	4601318.36	-27175.57	-27175.57	1.95
164	8831243.52	8831243.52	-53370.48	-53370.48	4879272.46	4879272.46	-28817.18	-28817.18	1.15
165	5495605.47	4969909.67	32171.77	32171.77	5205566.41	4649658.20	30262.51	30262.51	1.10
166	5688964.84	5688964.84	-33884.75	-33884.75	5362670.90	5362670.90	-31779.21	-31779.21	1.75
167	11389770.51	8081787.11	-57499.90	-57499.90	5568115.23	4486511.23	-29691.51	-29691.51	1.11
168	6148193.36	4676849.37	35526.36	35526.36	5979003.91	5169311.52	-33492.19	-33492.19	1.08

Minimo fattore di sicurezza: **1.01** **> 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 operatività

Valore di riferimento: 0.003300

Moltiplicatore degli spostamenti: 1.000000

Quota (cm)	Interpiano (cm)	Spostamento (cm)	Spostamento relativo
427.50	50.000000	0.120008	0.002400
897.50	470.000000	1.281923	0.002727

Massimo spostamento interpiano relativo (dr): **0.002741**

PCC_r2.sap

Generato giovedì 5 settembre 2013 alle ore 15:29:35.
EasySteel EWS 37 (14.02.2013) build 5121

Caratteristiche dei materiali

Resistenza acciaio	kg/cm2	3619.99
Coefficiente sicurezza parziale bulloni		1.25
Coefficiente sicurezza parziale		1.05
Coefficiente sicurezza parziale per instab.		1.05

Tipi di carico

Nome	Tipo	Grav.	Gamma fav	Gamma unfav.	Gamma sismico	Psi 0	Psi 1	Psi 2	Psi 2 sismico	Phi (coeff. correl.)
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Sismico SLU	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLU	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
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	0.20	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.20	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
SISMICO SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
TORCENTE SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLV	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 SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Permanente g2	permanente	*	1.00	1.50	1.00	nd	nd	nd	nd	nd

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) Perma	Permanente
(1) Perma g2	Permanente g2
(1) Acc_150	Neve (q<1000)
(1) Acc_300	Cat. B: Uffici
(1) Torcente di piano SLO	Torcente SLO
(1) Torcente di piano SLD	Torcente SLD
(1) Torcente di piano SLV	Torcente SLV

Combinazioni di progetto dei carichi

1	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
2	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
3	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
4	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
5	**1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
6	**1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
7	**1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
8	**1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
9	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y**
10	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y**
11	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y**
12	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y**
13	**1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y**
14	**1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y**
15	**1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y**
16	**1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y**
17	**1.50 * (1) Acc_300 + 0.75 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma**
18	**1.05 * (1) Acc_300 + 1.50 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma**
19	**1.00 * (1) Perma g2 + 1.00 * (1) Perma**
20	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**
21	**-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X**
22	**-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X**

23	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
24	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
25	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
26	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh X
27	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh X
28	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
29	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
30	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
31	-1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
32	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
33	1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
34	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLVh Y
35	1.00 * (1) Torcente di piano SLV + 0.30 * (1) Dinamica SLVh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLVh Y
36	1.50 * (1) Acc_300 + 0.75 * (1) Acc_150 + 1.50 * (1) Perma g2 + 1.30 * (1) Perma
37	1.05 * (1) Acc_300 + 1.50 * (1) Acc_150 + 1.50 * (1) Perma g2 + 1.30 * (1) Perma
38	1.50 * (1) Perma g2 + 1.30 * (1) Perma

Combinazioni di danno dei carichi

1	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
2	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
3	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
4	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
5	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
6	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
7	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
8	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
9	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
10	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
11	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
12	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y

13	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
14	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
15	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
16	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
17	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
18	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
19	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
20	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
21	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
22	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
23	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh X
24	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh Y + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh X
25	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
26	-1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
27	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
28	-1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
29	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
30	1.00 * (1) Torcente di piano SLD + -0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y
31	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + -1.00 * (1) Dinamica SLDh Y
32	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.30 * (1) Acc_300 + 0.20 * (1) Acc_150 + 1.00 * (1) Perma g2 + 1.00 * (1) Perma + 1.00 * (1) Dinamica SLDh Y

Caratteristiche statiche dei profili

Nome	ax (cm2)	jx (cm4)	jz (cm4)	jy (cm4)	wez (cm3)	wey (cm3)	wpz (cm3)	wpy (cm3)
tubo150x250x16	117.76	8549.55	9343.69	4046.41	747.50	539.52	941.79	647.39
tubo250x250x12	114.24	16177.53	10812.43	10812.43	864.99	864.99	1020.46	1020.46
tubo150x250x12	90.24	6885.50	7410.92	3263.88	592.87	435.18	734.86	509.26
tubo150x250x8	61.44	4920.35	5223.51	2339.35	417.88	311.91	509.42	355.82

Caratteristiche geometriche dei profili

Nome	cod	bb (cm)	hh (cm)	tw (cm)	tf (cm)	rr (cm)	c1	c2	dy (cm)	dz (cm)
tubo150x250x16	3	15.00	25.00	1.60	1.60	0.00	0.00	0.00	0.00	0.00

tubo250x250x12	3	25.00	25.00	1.20	1.20	0.00	0.00	0.00	0.00	0.00
tubo150x250x12	3	15.00	25.00	1.20	1.20	0.00	0.00	0.00	0.00	0.00
tubo150x250x8	3	15.00	25.00	0.80	0.80	0.00	0.00	0.00	0.00	0.00

Elementi

Elemento	Dal nodo	Al nodo	Profilo	Offset y sx (cm)	Offset y dx (cm)	Lunghezza (cm)	Snellezza
68	75	76	tubo150x250x16	0.00	0.00	1340.51	228.68
38	76	65	tubo250x250x12	0.00	0.00	252.60	25.96
37	75	69	tubo250x250x12	0.00	0.00	256.25	26.34
36	69	65	tubo150x250x16	0.00	0.00	1270.92	216.81
35	65	127	tubo250x250x12	0.00	0.00	258.87	26.61
34	69	128	tubo250x250x12	0.00	0.00	260.76	26.80
33	128	127	tubo150x250x12	0.00	0.00	1205.22	200.40
32	127	129	tubo250x250x12	0.00	0.00	251.62	25.86
31	128	130	tubo250x250x12	0.00	0.00	246.91	25.38
30	130	129	tubo150x250x12	0.00	0.00	1143.26	190.10
29	129	131	tubo250x250x12	0.00	0.00	251.44	25.84
28	131	66	tubo250x250x12	0.00	0.00	49.03	5.04
27	130	132	tubo250x250x12	0.00	0.00	254.92	26.20
26	132	70	tubo250x250x12	0.00	0.00	47.01	4.83
25	132	131	tubo150x250x12	0.00	0.00	1080.98	179.74
24	66	133	tubo250x250x12	0.00	0.00	201.02	20.66
23	70	134	tubo250x250x12	0.00	0.00	203.04	20.87
22	133	135	tubo250x250x12	0.00	0.00	254.76	26.19
21	134	136	tubo250x250x12	0.00	0.00	261.63	26.89
20	134	133	tubo150x250x12	0.00	0.00	1019.03	169.44
19	136	135	tubo150x250x8	0.00	0.00	951.35	154.18
18	135	137	tubo250x250x12	0.00	0.00	252.21	25.92
17	137	67	tubo250x250x12	0.00	0.00	98.06	10.08
16	136	138	tubo250x250x12	0.00	0.00	248.21	25.51
15	138	71	tubo250x250x12	0.00	0.00	98.90	10.17
14	138	137	tubo150x250x8	0.00	0.00	889.61	144.17
13	67	139	tubo250x250x12	0.00	0.00	148.07	15.22
12	140	73	tubo250x250x12	0.00	0.00	100.02	10.28
11	71	141	tubo250x250x12	0.00	0.00	157.44	16.18
10	142	72	tubo250x250x12	0.00	0.00	193.20	19.86
9	141	139	tubo150x250x8	0.00	0.00	830.02	134.51
8	142	140	tubo150x250x8	0.00	0.00	698.42	113.19
5	139	150	tubo250x250x12	0.00	0.00	252.01	25.90
4	150	140	tubo250x250x12	0.00	0.00	250.05	25.70
3	141	151	tubo250x250x12	0.00	0.00	260.73	26.80
2	151	142	tubo250x250x12	0.00	0.00	267.46	27.49
1	151	150	tubo150x250x8	0.00	0.00	763.73	123.77

Lunghezze di inflessione degli elementi

Elemento	Lunghezze (cm)			Coeff. torsionali			Distanza
	Assegnata	Torsionale	Libera y	Libera z	c1	c2	c3	collegamenti (cm)
27	254.92	254.92	254.92	254.92	0.00	0.00	0.00	254.92
26	47.01	47.01	47.01	47.01	0.00	0.00	0.00	47.01
10	193.20	193.20	193.20	193.20	0.00	0.00	0.00	193.20
3	260.73	260.73	260.73	260.73	0.00	0.00	0.00	260.73

Criteri di resistenza degli elementi

Elemento	classe	Resistenza						Instabilità						Sismica		
		presso fless	Cmb	a taglio Y	Cmb	a taglio Z	Cmb	instab. fless.	Cmb	inst. tors.	Cmb	inst. taglio	Cmb	assiale	Cmb	omega
68	1	1.59	37	>10	24	>10	37	1.59	37	1.50	37	>10	38	>10	9	NC
38	3	2.24	37	>10	4	>10	37	2.24	37	2.24	37	>10	38	>10	24	NC
37	3	2.20	37	>10	9	>10	37	2.20	37	2.20	37	>10	38	>10	1	NC
36	1	1.77	37	>10	24	>10	37	1.06	28	1.24	28	>10	38	>10	9	NC
35	3	3.12	37	>10	10	>10	37	3.12	37	3.12	37	>10	38	>10	20	NC
34	3	3.22	37	>10	30	>10	37	3.22	37	3.22	37	>10	38	>10	33	NC
33	1	1.59	37	>10	26	>10	37	1.59	37	1.51	37	>10	38	>10	28	NC
32	3	5.75	37	>10	28	>10	20	5.72	37	5.74	37	>10	38	>10	20	NC
31	3	5.94	37	>10	30	>10	24	5.92	37	5.93	37	>10	38	>10	33	NC
30	1	1.76	37	>10	24	>10	37	1.76	37	1.68	37	>10	38	>10	30	NC
29	3	5.02	37	>10	32	>10	37	5.01	37	5.01	37	>10	38	>10	20	NC
28	3	2.79	31	6.13	31	>10	37	2.79	31	2.79	31	>10	38	>10	20	NC
27	3	4.84	37	>10	30	>10	37	4.83	37	4.83	37	>10	38	>10	33	NC
26	3	2.58	31	6.24	31	>10	37	2.58	31	2.58	31	>10	38	>10	35	NC
25	1	1.97	37	>10	24	>10	37	1.62	32	1.83	32	>10	38	>10	31	NC
24	3	3.56	37	>10	30	>10	37	3.56	37	3.57	37	>10	38	>10	27	NC
23	3	3.60	37	>10	31	>10	37	3.60	37	3.75	37	>10	38	>10	36	NC
22	3	6.55	37	>10	31	>10	37	6.55	37	6.60	37	>10	38	>10	27	NC
21	3	6.34	37	>10	11	>10	37	6.34	37	6.84	37	>10	38	>10	36	NC
20	1	2.22	37	>10	26	>10	37	2.22	37	2.13	37	>10	38	>10	30	NC
19	3	1.83	37	>10	24	>10	37	1.83	37	1.76	37	>10	38	>10	33	NC
18	3	6.55	37	>10	32	>10	37	6.55	37	6.60	37	>10	38	>10	27	NC
17	3	3.41	21	>10	33	>10	37	3.41	21	3.69	30	>10	38	>10	27	NC
16	3	6.34	37	>10	33	>10	37	6.34	37	6.84	37	>10	38	>10	36	NC
15	3	2.99	31	>10	32	>10	37	2.99	31	3.16	31	>10	38	>10	33	NC
14	3	2.08	37	>10	24	>10	37	2.07	37	2.01	37	>10	38	>10	33	NC
13	3	4.38	37	>10	33	>10	37	4.38	37	4.57	26	>10	38	>10	27	NC
12	3	5.09	37	>10	33	>10	37	5.09	37	5.80	21	>10	38	>10	27	NC
11	3	3.52	37	>10	33	>10	37	3.52	37	3.90	37	>10	38	>10	36	NC
10	3	3.51	33	>10	33	>10	37	3.51	33	3.92	33	>10	38	>10	36	NC
9	3	2.39	37	>10	2	>10	37	2.37	37	2.31	37	>10	38	>10	33	NC
8	3	3.35	37	>10	24	>10	37	3.30	37	3.24	37	>10	38	>10	33	NC

5	3	7.79	37	>10	32	>10	37	7.79	37	9.24	37	>10	38	>10	27	NC
4	3	7.74	37	>10	33	>10	37	7.74	37	9.16	37	>10	38	>10	27	NC
3	3	6.27	37	>10	33	>10	37	6.27	37	7.38	37	>10	38	>10	36	NC
2	3	6.30	37	>10	33	>10	37	6.30	37	7.42	37	>10	38	>10	36	NC
1	3	2.83	37	>10	2	>10	37	2.83	37	2.76	37	>10	38	>10	33	NC

Minimo fattore di sicurezza: **1.057633 >= 1.00**

In questa tabella vengono riportati i valori dei coefficienti di sicurezza per tutte le verifiche condotte sulla membratura.
Le verifiche effettuate sono di resistenza: **presso-fless.** verifica di resistenza per azione assiale e flessionale biassiale; **a taglio** verifica di resistenza a taglio per i piani locali yy e zz; e di instabilità: **inst. fless.** verifica di instabilità a presso flessione biassiale; **inst. tors.** verifica di instabilità laterale e torsionale; **inst. taglio** verifica di instabilità a taglio.
Per ogni verifica vengono riportati il fattore di sicurezza più sfavorevole e l'indice della combinazione delle azioni cui si riferisce. I fattori di sicurezza superiori a 10.0 vengono scritti nella forma >10 per evitare numeri inutilmente lunghi mentre i fattori inferiori a quelli limite vengono scritti in colore rosso.
La colonna **Assiale** è la verifica a sola compressione che per azioni sismiche ha particolari restrizioni per le travi (minimo fattore sicurezza 6.66).
La colonna **Omega** riporta il valore definito dalla normativa (paragrafo 7.5.4.2) come il minimo valore tra gli $\omega_i = M_{pl,Rd,i} / M_{Ed,i}$ di tutte le travi in cui si attende la formazione di cerniere plastiche, essendo $M_{Ed,i}$ il momento flettente di progetto della i-esima trave in condizioni sismiche e $M_{pl,Rd,i}$ il corrispondente momento plastico. Viene esposto il valore di omega già moltiplicato per 1,1 γ_{Rd}.
l'intensità delle azioni, in caso di verifica per azioni simiche, è incrementata nei pilastri di ω 1,1 γ_{Rd}.
In caso di verifiche non supportate o non pertinenti per un dato tipo di profilo (ad esempio profili accoppiati) viene riportata la dicitura **NC** (Non Calcolato). Ciò non indica che la verifica non sia superata.
Per i parametri impiegati nelle verifiche si vedano le successive tabelle.

Parametri di verifica resistenza e instabilità flesso-torsionale

Elemento	Classe	SF	Cmb.	Piano	Linfl. (m)	Lambda	Alfa	Chi	Beta	Kappa	Mcr(kNm)	Nr (kN)	Mr (kNm)	Mri (kNm)	Ne	Me (kNm)
68	1	1.50	37	y	13.41	1.99	0.21	0.23	1.30	1.00		39827.70	318.52	318.52	0.17	20000.77
				z	13.41	3.02	0.21	0.10	2.46	1.00		39827.70	218.95	218.95	0.17	7.60e-002
				LT	13.41	0.43	0.21	0.94	2.46	1.00	176111.73					
38	3	2.24	37	y	2.53	0.34	0.21	0.97	1.79	1.00		38637.19	345.13	345.13	5.81e-002	15437.50
				z	2.53	0.34	0.21	0.97	1.83	1.00		38637.19	345.13	345.13	5.81e-002	0.12
				LT	2.53	0.13	0.21	1.00	1.83	1.00	2101511.36					
37	3	2.20	37	y	2.56	0.35	0.21	0.97	1.79	1.00		38637.19	345.13	345.13	0.10	15672.01
				z	2.56	0.35	0.21	0.97	1.42	1.00		38637.19	345.13	345.13	0.10	8.43
				LT	2.56	0.13	0.21	1.00	1.42	1.00	2071567.21					
36	1	1.06	28	y	12.71	1.89	0.21	0.25	1.30	1.50		39827.70	318.52	212.35	2924.19	6287.47
				z	12.71	2.87	0.21	0.11	2.47	1.00		39827.70	218.95	218.95	2924.19	2.47
				LT	12.71	0.42	0.21	0.95	2.47	0.75	185755.46					
35	3	3.12	37	y	2.59	0.35	0.21	0.97	2.09	1.00		38637.19	345.13	345.13	405.69	10684.24
				z	2.59	0.35	0.21	0.97	2.11	1.00		38637.19	345.13	345.13	405.69	4.26
				LT	2.59	0.13	0.21	1.00	2.11	1.00	2050595.77					
34	3	3.22	37	y	2.61	0.35	0.21	0.96	2.11	1.00		38637.19	345.13	345.13	236.33	10490.64
				z	2.61	0.35	0.21	0.96	1.91	1.00		38637.19	345.13	345.13	236.33	22.42
				LT	2.61	0.13	0.21	1.00	1.91	1.00	2035794.86					
33	1	1.51	37	y	12.05	1.76	0.21	0.28	1.30	1.00		30520.14	248.54	248.47	1.15	15667.11
				z	12.05	2.65	0.21	0.13	2.49	1.00		30520.14	172.24	172.24	1.15	3.05e-002
				LT	12.05	0.40	0.21	0.95	2.49	1.00e+000	157877.85					
32	3	5.72	37	y	2.52	0.34	0.21	0.97	1.23	1.00		38637.19	345.13	343.90	405.59	5610.34

				z	2.52	0.34	0.21	0.97	1.94	1.00		38637.19	345.13	345.13	405.59	32.74
				LT	2.52	0.13	0.21	1.00	1.94	1.00	2109710.49					
31	3	5.92	37	y	2.47	0.34	0.21	0.97	1.21	1.00		38637.19	345.13	344.40	236.14	5571.96
				z	2.47	0.34	0.21	0.97	1.64	1.00		38637.19	345.13	345.00	236.14	29.61
				LT	2.47	0.13	0.21	1.00	1.64	1.00	2149953.27					
30	1	1.68	37	y	11.43	1.67	0.21	0.31	1.30	1.00		30520.14	248.54	248.42	2.31	14097.75
				z	11.43	2.51	0.21	0.15	2.46	1.00		30520.14	172.24	172.24	2.31	0.28
				LT	11.43	0.39	0.21	0.95	2.46	1.00e+000	166433.50					
29	3	5.01	37	y	2.51	0.34	0.21	0.97	2.39	1.00		38637.19	345.13	345.13	405.35	6485.03
				z	2.51	0.34	0.21	0.97	2.24	1.00		38637.19	345.13	345.13	405.35	26.12
				LT	2.51	0.13	0.21	1.00	2.24	1.00	2111261.67					
28	3	2.79	31	y	0.49	6.66e-002	0.21	1.00	1.36	1.00		38637.19	345.13	345.13	88.49	4891.50
				z	0.49	6.66e-002	0.21	1.00	1.95	1.00		38637.19	345.13	345.13	88.49	7411.15
				LT	0.49	5.73e-002	0.21	1.00	1.95	1.00	10826848.94					
27	3	4.83	37	y	2.55	0.35	0.21	0.97	2.35	1.00		38637.19	345.13	345.13	235.77	6862.46
				z	2.55	0.35	0.21	0.97	2.25	1.00		38637.19	345.13	345.13	235.77	60.34
				LT	2.55	0.13	0.21	1.00	2.25	1.00	2082393.25					
26	3	2.58	31	y	0.47	6.39e-002	0.21	1.00	1.31	1.00		38637.19	345.13	345.13	422.72	6122.96
				z	0.47	6.39e-002	0.21	1.00	1.96	1.00		38637.19	345.13	345.13	422.72	6898.36
				LT	0.47	5.61e-002	0.21	1.00	1.96	1.00	11292059.87					
25	1	1.62	32	y	10.81	1.58	0.21	0.34	1.30	1.34		30520.14	248.54	185.00	1912.23	4239.05
				z	10.81	2.38	0.21	0.16	2.45	1.00		30520.14	172.24	172.24	1912.23	8.74
				LT	10.81	0.38	0.21	0.96	2.45	0.88	176022.70					
24	3	3.56	37	y	2.01	0.27	0.21	0.98	1.95	1.00		38637.19	345.13	345.13	20.21	9642.74
				z	2.01	0.27	0.21	0.98	2.04	1.00		38637.19	345.13	345.13	20.21	11.89
				LT	2.01	0.12	0.21	1.00	2.04	1.00	2640768.05					
23	3	3.60	37	y	2.03	0.28	0.21	0.98	1.97	1.00		38637.19	345.13	345.13	264.12	9202.22
				z	2.03	0.28	0.21	0.98	1.89	1.00		38637.19	345.13	345.13	264.12	0.00
				LT	2.03	0.12	0.21	1.00	1.89	1.00	2614533.70					
22	3	6.55	37	y	2.55	0.35	0.21	0.97	1.51	1.00		38637.19	345.13	345.13	20.27	5232.05
				z	2.55	0.35	0.21	0.97	1.37	1.00		38637.19	345.13	345.13	20.27	0.00
				LT	2.55	0.13	0.21	1.00	1.37	1.00	2083740.41					
21	3	6.34	37	y	2.62	0.36	0.21	0.96	1.48	1.00		38637.19	345.13	345.13	263.63	5043.30
				z	2.62	0.36	0.21	0.96	1.14	1.00		38637.19	345.13	345.13	263.63	0.00
				LT	2.62	0.13	0.21	1.00	1.14	1.00	2029002.50					
20	1	2.13	37	y	10.19	1.49	0.21	0.38	1.30	1.00		30520.14	248.54	248.54	1.69	11199.53
				z	10.19	2.24	0.21	0.18	2.39	1.00		30520.14	172.24	172.24	1.69	0.00
				LT	10.19	0.37	0.21	0.96	2.39	1.00	186723.27					
19	3	1.76	37	y	9.51	1.36	0.21	0.44	1.30	1.00		20779.67	172.29	172.29	2.41	9434.52
				z	9.51	2.04	0.21	0.22	2.33	1.00		20779.67	120.34	120.34	2.41	0.00
				LT	9.51	0.35	0.21	0.96	2.33	1.00	143138.61					
18	3	6.55	37	y	2.52	0.34	0.21	0.97	2.11	1.00		38637.19	345.13	345.13	20.32	5226.59
				z	2.52	0.34	0.21	0.97	1.98	1.00		38637.19	345.13	345.13	20.32	0.00
				LT	2.52	0.13	0.21	1.00	1.98	1.00	2104779.53					
17	3	3.41	21	y	0.98	0.13	0.21	1.00	1.49	1.00		38637.19	345.13	345.13	513.46	4638.11

				z	0.98	0.13	0.21	1.00	2.06	1.00		38637.19	345.13	345.13	513.46	4387.58
				LT	0.98	8.11e-002	0.21	1.00	2.06	1.00	5413424.47					
16	3	6.34	37	y	2.48	0.34	0.21	0.97	2.14	1.00		38637.19	345.13	345.13	262.98	5049.04
				z	2.48	0.34	0.21	0.97	1.81	1.00		38637.19	345.13	345.13	262.98	0.00
				LT	2.48	0.13	0.21	1.00	1.81	1.00	2138669.64					
15	3	2.99	31	y	0.99	0.13	0.21	1.00	1.48	1.00		38637.19	345.13	345.13	301.96	5170.99
				z	0.99	0.13	0.21	1.00	2.08	1.00		38637.19	345.13	345.13	301.96	5745.01
				LT	0.99	8.14e-002	0.21	1.00	2.08	1.00	5367569.54					
14	3	2.01	37	y	8.90	1.28	0.21	0.48	1.30	1.00		20779.67	172.29	171.87	16.58	8250.82
				z	8.90	1.91	0.21	0.24	2.09	1.00		20779.67	120.34	120.34	16.58	2.09
				LT	8.90	0.34	0.21	0.97	2.09	9.99e-001	153072.92					
13	3	4.38	37	y	1.48	0.20	0.21	1.00e+000	1.82	1.00		38637.19	345.13	345.13	419.26	7174.94
				z	1.48	0.20	0.21	1.00e+000	2.46	1.00		38637.19	345.13	345.13	419.26	0.00
				LT	1.48	8.32e-002	0.21	1.00	2.46	1.00	5137184.22					
12	3	5.09	37	y	1.00	0.14	0.21	1.00	1.68	1.00		38637.19	345.13	345.13	420.35	5884.42
				z	1.00	0.14	0.21	1.00	2.13	1.00		38637.19	345.13	345.13	420.35	9.19
				LT	1.00	7.84e-002	0.21	1.00	2.13	1.00	5794155.96					
11	3	3.52	37	y	1.57	0.21	0.21	9.97e-001	1.79	1.00		38637.19	345.13	345.13	540.43	8855.57
				z	1.57	0.21	0.21	9.97e-001	1.92	1.00		38637.19	345.13	345.13	540.43	0.00
				LT	1.57	0.10	0.21	1.00	1.92	1.00	3371697.20					
10	3	3.51	33	y	1.93	0.26	0.21	0.99	1.81	1.00		38637.19	345.13	345.13	491.70	3040.50
				z	1.93	0.26	0.21	0.99	2.22	1.00		38637.19	345.13	345.13	491.70	5755.92
				LT	1.93	0.11	0.21	1.00	2.22	1.00	2747700.55					
9	3	2.31	37	y	8.30	1.19	0.21	0.54	1.30	1.00		20779.67	172.29	171.91	17.90	7182.47
				z	8.30	1.78	0.21	0.28	2.01	1.00		20779.67	120.34	120.34	17.90	1.98
				LT	8.30	0.33	0.21	0.97	2.01	9.99e-001	164062.76					
8	3	3.24	37	y	6.98	1.00	0.21	0.66	1.30	1.00		20779.67	172.29	171.63	47.52	5085.45
				z	6.98	1.50	0.21	0.37	1.84	1.00		20779.67	120.34	120.11	47.52	8.30
				LT	6.98	0.30	0.21	0.98	1.84	9.99e-001	194976.50					
5	3	7.79	37	y	2.52	0.34	0.21	0.97	1.73	1.00		38637.19	345.13	345.13	419.28	3735.53
				z	2.52	0.34	0.21	0.97	2.44	1.00		38637.19	345.13	345.13	419.28	0.00
				LT	2.52	0.13	0.21	1.00	2.44	1.00	2106452.51					
4	3	7.74	37	y	2.50	0.34	0.21	0.97	1.95	1.00		38637.19	345.13	345.13	419.01	3768.97
				z	2.50	0.34	0.21	0.97	2.16	1.00		38637.19	345.13	345.13	419.01	0.00
				LT	2.50	0.13	0.21	1.00	2.16	1.00	2122963.16					
3	3	6.27	37	y	2.61	0.35	0.21	0.96	1.81	1.00		38637.19	345.13	345.13	544.77	4679.56
				z	2.61	0.35	0.21	0.96	2.18	1.00		38637.19	345.13	345.13	544.77	0.00
				LT	2.61	0.13	0.21	1.00	2.18	1.00	2035989.50					
2	3	6.30	37	y	2.67	0.36	0.21	0.96	1.65	1.00		38637.19	345.13	345.13	541.51	4649.14
				z	2.67	0.36	0.21	0.96	1.86	1.00		38637.19	345.13	345.13	541.51	0.00
				LT	2.67	0.13	0.21	1.00	1.86	1.00	1984741.48					
1	3	2.76	37	y	7.64	1.09	0.21	0.60	1.30	1.00		20779.67	172.29	172.29	14.23	6073.39
				z	7.64	1.64	0.21	0.32	2.17	1.00		20779.67	120.34	120.34	14.23	0.00
				LT	7.64	0.32	0.21	0.97	2.17	1.00	178301.37					

In questa tabella vengono riportati i principlali parametri per la verifica di resistenza e di instabilità sia flessionale che laterale torsionale della membratura. Le intestazioni delle colonne hanno il seguente significato:

Classe classe del profilo; **Cmb.** combinazione dei carichi a cui si riferiscono i dati e che ha determinato il minimo fattore di sicurezza **SF**; Il fattore di sicurezza è per azioni biassiali e combiante minimo tra tutti i criteri di verifica.
Lambda snellezza adimensionale; **Alfa** fattore di imperfezione: **Chi** fattore di riduzione; **Beta** fattore di momento uniforme; **Kappa** fattore di riduzione per instabilità; **Mcr** momento critico elastico; **Nr** resistenza assiale; **Mr** Resistenza flessionale; **Mri** Momento resistente per instabilità; **Ne** Azione assiale agente in questa verifica; **Me** Momento agente in questa verifica.
I dati per ogni elemento sono disposti su tre righe per le azioni sui piani yy, zz e laterale-torsionale (LT).
I dati per i profili accoppiati non sono riportati in questa tabella.
Si rimanda alla tabella sinottica dei criteri di resistenza per tutti i valori dei coefficienti di sicurezza per azioni combinate.

Parametri di verifica resistenza e instabilità a taglio

Elemento	SF	Cmb.	Tau (MPa)	Lambda	Kappa	Vri (kN)	Vry (kN)	Vrz (kN)	Vey (kN)	Vez (kN)
68	>10	37	205.10	0.19	5.34	6683.89	9198.01	14348.89	6.67e-002	608.15
38	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	0.18	637.59
37	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	0.16	638.02
36	>10	37	205.10	0.19	5.34	6683.89	9198.01	14348.89	0.11	576.58
35	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	0.55	616.28
34	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	1.02	609.59
33	>10	37	205.10	0.27	5.34	5196.87	6898.51	10945.63	5.44e-002	529.86
32	>10	20	205.10	0.27	5.34	5196.87	11497.51	10945.63	22.00	80.18
31	>10	24	205.10	0.27	5.34	5196.87	11497.51	10945.63	15.18	77.93
30	>10	37	205.10	0.27	5.34	5196.87	6898.51	10945.63	0.17	502.62
29	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	2.75	504.99
28	6.13	31	205.10	0.27	5.34	5196.87	11497.51	10945.63	1874.91	371.48
27	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	3.98	511.76
26	6.24	31	205.10	0.27	5.34	5196.87	11497.51	10945.63	1843.07	402.07
25	>10	37	205.10	0.27	5.34	5196.87	6898.51	10945.63	0.18	475.24
24	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	1.64	610.15
23	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	0.52	598.67
22	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	0.19	138.72
21	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	9.70e-003	127.01
20	>10	37	205.10	0.27	5.34	5196.87	6898.51	10945.63	8.97e-002	448.00
19	>10	37	205.10	0.42	5.34	3587.22	4599.00	7419.73	8.25e-002	404.27
18	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	2.40	324.64
17	>10	33	205.10	0.27	5.34	5196.87	11497.51	10945.63	885.63	243.83
16	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	2.21	336.68
15	>10	32	205.10	0.27	5.34	5196.87	11497.51	10945.63	871.28	203.98
14	>10	37	205.10	0.42	5.34	3587.22	4599.00	7419.73	0.12	378.04
13	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	10.33	535.15
12	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	39.70	526.32
11	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	10.74	591.20
10	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	31.04	485.26
9	>10	37	205.10	0.42	5.34	3587.22	4599.00	7419.73	9.19e-002	352.71
8	>10	37	205.10	0.42	5.34	3587.22	4599.00	7419.73	0.27	296.79
5	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	5.77	165.18
4	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	7.79	217.87

3	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	1.09	220.14
2	>10	37	205.10	0.27	5.34	5196.87	11497.51	10945.63	8.31	165.96
1	>10	37	205.10	0.42	5.34	3587.22	4599.00	7419.73	0.14	324.55

In questa tabella vengono riportati i principlali parametri per la verifica di resistenza e di instabilità a taglio. Per la verifica di instabilità si impiega il metodo della resistenza post-critica.
Le intestazioni delle colonne hanno il seguente significato: **Tau** tensione resistente post-critica; **Lambda** snellezza dell'anima; **Kappa** fattore di imbozzamento a taglio; **Vri** taglio resistente da instabilità; **Vry** e **Vrz** tagli resistenti; **Vey** e **Vez** azioni di taglio per questa verifica.
Si rimanda alla tabella sinottica dei criteri di resistenza per tutti i valori dei coefficienti di sicurezza per azioni combinate.