COMUNE DI RUFINA

PROVINCIA DI FIRENZE

REALIZZAZIONE DI UN EDIFICIO PER 9 ALLOGGI DI EDILIZIA RESIDENZIALE PUBBLICA IN LOCALITA' SCOPETI

Finanziamento Piano Nazionale di edilizia abitativa approvato con D.P.C.M. 16/07/2009 cofinanziato dalla Regione Toscana Deliberazione G.R.T. n. 856 del 04/10/2010 e Deliberazione G.R.T. n° 58 del 07/02/2011 come da Accordo di Programma fra il Ministero delle Infrastrutture e dei Trasporti e la Regione Toscana sottoscritto in data 19/10/2011.

Operatore: CASA SPA

AZIENDA CON SISTEMA CERTIFICATO

ISO 9001
SA 8000
OHSAS 18001

BUREAU VERITAS Certification

NN. 176325 - 193790 - IT249530/UK

IL RESPONSABILE DEL PROCEDIMENTO:

Arch. Marco Barone

PROGETTO DELLE STRUTTURE

dott. Ing. Lorenzo Panerai

TAV. N°	DISEGNO:	SCALA:
ES-ST 00.7	A9 - FASCICOLO DEI CALCOLO SOVRASTRUTTURA	-
		DATA: Luglio 2018
RF01-ES-ST-00.7-01		

ADDETTO ALLA VERIFICA	Ing. Angela Bevilacqua	Geom. Alessandro Caioli

Software e Servizi
per l'Ingegneria s.r.l.

PRO_SAP

PROfessional **S**tructural **A**nalysis **P**rogram

Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 14 Gennaio 2008 cap. 10 "Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo".

2S.I. Software e Servizi per l'Ingegneria S.r.l.

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D.M. 14/01/08 cap. 10.2 Affidabilità dei codici utilizzati

http://www.2si.it/software/Affidabilità.htm

Contenuti della relazione:

RELAZIONE DI CALCOLO STRUTTURALE

- Origine e Caratteristiche dei Codici di Calcolo

- Affidabilità dei codici utilizzati

- Validazione dei codici

- Tipo di analisi svolta

- Modalità di presentazione dei risultati

- Informazioni generali sull'elaborazione

- Giudizio motivato di accettabilità dei risultati

STAMPA DEI DATI DI INGRESSO

- Normative prese a riferimento

- Criteri adottati per le misure di sicurezza

- Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconessioni

- Interazione tra terreno e struttura

- Legami costitutivi adottati per la modellazione dei materiali e dei terreni

- Schematizzazione delle azioni, condizioni e combinazioni di carico

- Metodologie numeriche utilizzate per l' analisi strutturale

-Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali

STAMPA DEI RISULTATI

26 novembre 2015

Descrizione generale dell'opera

Descrizione generale dell'opera	
Fabbricato ad uso	CIVILE ABITAZIONE
Ubicazione	Comune di RUFINA (FI) (Regione TOSCANA)
	Località RUFINA (FI)
	Longitudine 11.485, Latitudine 43.822

Parametri della struttura			
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]
II	50.0	1.0	50.0

Quadro normativo di riferimento adottato

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito.

Nel capitolo "normativa di riferimento" è comunque presente l'elenco completo delle normative disponibili.

Progetto-verifica degli elementi	
Progetto cemento armato	D.M. 14-01-2008
Progetto acciaio	D.M. 14-01-2008
Progetto legno	D.M. 14-01-2008
Progetto muratura	D.M. 14-01-2008
Azione sismica	
Norma applicata per l' azione sismica	D.M. 14-01-2008

Azioni di progetto sulla costruzione

Nei capitoli "**modellazione delle azioni**" **e "schematizzazione dei casi di carico**" sono indicate le azioni sulla costruzioni.

Nel prosieguo si indicano tipo di analisi strutturale condotta (statico,dinamico, lineare o non lineare) e il metodo adottato per la risoluzione del problema strutturale nonché le metodologie seguite per la verifica o per il

progetto-verifica delle sezioni. Si riportano le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti; le configurazioni studiate per la struttura in esame ***sono risultate effettivamente esaustive per la progettazione-verifica.***

La verifica della sicurezza degli elementi strutturali avviene con i metodi della scienza delle costruzioni. L'analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensodeformativo indotto da carichi statici. L'analisi strutturale è condotta con il metodo dell'analisi modale e dello spettro di risposta in termini di accelerazione per la valutazione dello stato tensodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).

L'analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo sopraindicato si basa sulla schematizzazione della struttura in elementi connessi solo in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. Le incognite del problema (nell'ambito del metodo degli spostamenti) sono le componenti di spostamento dei nodi riferite al sistema di riferimento globale (traslazioni secondo X, Y, Z, rotazioni attorno X, Y, Z). La soluzione del problema si ottiene con un sistema di equazioni algebriche lineari i cui termini noti sono costituiti dai carichi agenti sulla struttura opportunamente concentrati ai nodi:

K * **u** = **F** dove **K** = matrice di rigidezza

u = vettore spostamenti nodali

F = vettore forze nodali

Dagli spostamenti ottenuti con la risoluzione del sistema vengono quindi dedotte le sollecitazioni e/o le tensioni di ogni elemento, riferite generalmente ad una terna locale all'elemento stesso.

Il sistema di riferimento utilizzato è costituito da una terna cartesiana destrorsa XYZ. Si assume l'asse Z verticale ed orientato verso l'alto.

Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

- Elemento tipo ***TRUSS*** (biella-D2)
- Elemento tipo ***BEAM*** (trave-D2)
- Elemento tipo ***MEMBRANE*** (membrana-D3)
- Elemento tipo ***PLATE*** (piastra-guscio-D3)
- Elemento tipo ***BOUNDARY*** (molla)
- Elemento tipo ***STIFFNESS*** (matrice di rigidezza)
- Elemento tipo ***BRICK*** (elemento solido)
- Elemento tipo ***SOLAIO*** (macro elemento composto da più membrane)

Modello numerico

In questa parte viene descritto il modello numerico utilizzato (o i modelli numerici utilizzati) per l'analisi della struttura. La presentazione delle informazioni deve essere, coerentemente con le prescrizioni del paragrafo 10.2 delle NTC-08, tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità

Tipo di analisi strutturale	
Statica lineare	SI
Statica non lineare	NO
Sismica statica lineare	NO
Sismica dinamica lineare	SI
Sismica statica non lineare (prop. masse)	NO
Sismica statica non lineare (prop. modo)	NO
Sismica statica non lineare (triangolare)	NO
Non linearità geometriche (fattore P delta)	NO

Di seguito si indicano l'origine e le caratteristiche dei codici di calcolo utilizzati riportando titolo, produttore e distributore, versione, estremi della licenza d'uso:

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2015-07-170)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara
Codice Licenza:	Licenza dsi4283

Un attento esame preliminare della documentazione a corredo del software ***ha consentito di valutarne l'affidabilità e soprattutto l'idoneità al caso specifico***. La documentazione, fornita dal produttore e distributore del software, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, corredati dei file di input necessari a riprodurre l'elaborazione:

Affidabilità dei codici utilizzati
2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche. E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: http://www.2si.it/Software/Affidabilità.htm

Modellazione della geometria e proprietà meccaniche:	
nodi	7143
elementi D2 (per aste, travi, pilastri…)	845
elementi D3 (per pareti, platee, gusci…)	7227
elementi solaio	69
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	12.50
Xmax =	2975.73
Ymin =	-58.81
Ymax =	1445.94
Zmin =	-0.00
Zmax =	1517.76
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	SI
Pareti	SI
Setti (a comportamento membranale)	NO
Strutture non verticali:	
Elementi di tipo asta	NO
Travi	SI
Gusci	SI

Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	SI
Solai senza la proprietà piano rigido	NO
Tipo di vincoli:	
Nodi vincolati rigidamente	NO
Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	NO
Fondazioni di tipo trave	NO
Fondazioni di tipo platea	SI
Fondazioni con elementi solidi	NO

Modellazione delle azioni

Si veda il capitolo **"Schematizzazione dei casi di carico"** per le informazioni necessarie alla comprensione ed alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte "*2.6. Azioni di progetto sulla costruzione*".

Combinazioni e/o percorsi di carico

Si veda il capitolo **"Definizione delle combinazioni"** in cui sono indicate le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti.

Combinazioni dei casi di carico	
APPROCCIO PROGETTUALE	Approccio 2
Tensioni ammissibili	NO
SLU	SI
SLV (SLU con sisma)	SI
SLC	NO
SLD	SI

SLO	NO
SLU GEO A2 (per approccio 1)	NO
SLU EQU	NO
Combinazione caratteristica (rara)	SI
Combinazione frequente	SI
Combinazione quasi permanente (SLE)	SI
SLA (accidentale quale incendio)	SI

Principali risultati

I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di analisi svolta.

2.8.1. Risultati dell'analisi modale

Viene riportato il tipo di analisi modale condotta, restituiti i risultati della stessa e valutate le informazioni desumibili in merito al comportamento della struttura.

2.8.2. Deformate e sollecitazioni per condizioni di carico

Vengono riportati i principali risultati atti a descrivere il comportamento della struttura, in termini di stati di sollecitazione e di deformazione generalizzata, distinti per condizione elementare di carico o per combinazioni omogenee delle stesse.

2.8.3. Inviluppo delle sollecitazioni maggiormente significative. L'analisi e la restituzione degli inviluppi (nelle combinazioni considerate agli SLU e agli SLE) delle caratteristiche di sollecitazione devono essere finalizzate alla valutazione dello stato di sollecitazione nei diversi elementi della struttura.

2.8.4. Reazioni vincolari

Vengono riportate le reazioni dei vincoli nelle singole condizioni di carico e/o nelle combinazioni considerate.

2.8.5. Altri risultati significativi

Nella presente parte vengono riportati tutti gli altri risultati che il progettista ritiene di interesse per la descrizione e la comprensione del/i modello/i e del comportamento della struttura.

La presente relazione, oltre ad illustrare in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare, riporta una serie di immagini:

per i dati in ingresso:

- modello solido della struttura

- numerazione di nodi e ed elementi
- configurazioni di carico statiche
- configurazioni di carico sismiche con baricentri delle masse e eccentricità

per le combinazioni più significative (statisticamente più gravose per la struttura)

- configurazioni deformate
- diagrammi e inviluppi delle azioni interne
- mappe delle tensioni
- reazioni vincolari
- mappe delle pressioni sul terreno

per il progetto-verifica degli elementi

- diagrammi di armatura
- percentuali di sfruttamento
- mappe delle verifiche più significative per i vari stati limite

Informazioni generali sull'elaborazione e giudizio motivato di accettabilità dei risultati.

Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni abnormi. Si può pertanto asserire che l' elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

Verifiche agli stati limite ultimi

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità ed i criteri seguiti per valutare la sicurezza della struttura nei confronti delle possibili situazioni di crisi ed i risultati delle valutazioni svolte. In via generale, oltre alle verifiche di resistenza e di spostamento, devono essere prese in considerazione verifiche nei confronti dei fenomeni di instabilità, locale e globale, di fatica, di duttilità, di degrado.

Verifiche agli stati limite di esercizio

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità seguite per valutare l'affidabilità della struttura nei confronti delle possibili situazioni di perdita di funzionalità (per eccessive deformazioni, fessurazioni, vibrazioni, etc.) ed i risultati delle valutazioni svolte.

NORMATIVA DI RIFERIMENTO

1. D.Min. Infrastrutture Min. Interni e Prot. Civile 14 Gennaio 2008 e allegate "Norme tecniche per le costruzioni".
2. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
3. D.M. LL.PP. 9 Gennaio 1996 "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
4. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
6. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
7. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
8. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
9. Circolare 4 Gennaio 1989 n. 30787 “Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento”.
10. D.M. LL.PP. 11 Marzo 1988 “Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione”.
11. D.M. LL.PP. 3 Dicembre 1987 “Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate”.
12. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
13. Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 “Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica” e successive modificazioni e integrazioni.
14. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
15. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici.
16. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
17. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
18. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
19. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
20. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
21. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
22. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
23. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
24. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
25. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
26. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali – Regole comuni e regole per gli edifici.
27. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
28. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
29. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi di calcolo semplificato per strutture di muratura non armata.
30. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
31. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
32. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.

UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.

NOTA sul capitolo "normativa di riferimento": riporta l' elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L’AUSILIO DI CODICI DI CALCOLO". Laddove nei capitoli successivi vengano richiamate norme antecedenti al DM 14.01.08 è dovuto o a progettazione simulata di edifico esistente o ad applicazione del punto 2.7 del DM 14.01.08

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

Young	modulo di elasticità normale
Poisson	coefficiente di contrazione trasversale
G	modulo di elasticità tangenziale
Gamma	peso specifico
Alfa	coefficiente di dilatazione termica

I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

1	***cemento armato***		
		Rck	resistenza caratteristica cubica
		Fctm	resistenza media a trazione semplice
2	***acciaio***		
		Ft	tensione di rottura a trazione
		Fy	tensione di snervamento
		Fd	resistenza di calcolo
		Fdt	resistenza di calcolo per spess. t>40 mm
		Sadm	tensione ammissibile
		Sadmt	tensione ammissibile per spess. t>40 mm
3	***muratura***		
		Resist. Fk	resistenza caratteristica a compressione
		Resist. Fvko	resistenza caratteristica a taglio
4	***legno***		
		Resist. fc0k	Resistenza caratteristica (tensione amm. per REGLES) per compressione
		Resist. ft0k	Resistenza caratteristica (tensione amm. per REGLES) per trazione
		Resist. fmk	Resistenza caratteristica (tensione amm. per REGLES) per flessione
		Resist. fvk	Resistenza caratteristica (tensione amm. per REGLES) per taglio
		Modulo E0,05	Modulo elastico parallelo caratteristico
		Lamellare	lamellare o massiccio

Vengono inoltre riportate le tabelle conteneti il riassunto delle nformazioni assegnate nei criteri di progetto in uso.

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Modellazione di strutture in c.a.

Test N°	Titolo
41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
51	FATTORE DI STRUTTURA
52	SOVRARESISTENZE
53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
54	PARETI IN C.A. SNELLE IN ZONA SISMICA
80	ANALISI PUSHOVER DI UN EDIFICIO IN C.A.
120	PROGETTO E VERIFICA DI TRAVI PREM

Modellazione di strutture in acciaio

Test N°	Titolo
55	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
56	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
57	LUCE LIBERA DI COLONNE IN ACCIAIO
58	SVERGOLAMENTO DI TRAVI IN ACCIAIO
59	FATTORE DI STRUTTURA

60	ACCIAIO D.M.2008
61	ACCIAIO EC3
62	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
63	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA IRRIGIDIMENTI TRASVERSALI
74	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI UN PIATTO DI RINFORZO SALDATO ALL'ANIMA DELLA COLONNA
75	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI DUE PIATTI DI RINFORZO SALDATI ALL'ANIMA DELLA COLONNA
76	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A DUE VIE SU ALI COLONNA
77	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A UNA VIA CON DUE COMBINAZIONI DI CARICO
78	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO SU ANIMA SENZA RINFORZI A QUATTRO FILE DI BULLONI DI CUI UNA SU PIASTRA INFERIORE E UNA SU PIASTRA SUPERIORE
79	VERIFICA DELLA PIASTRA NODO TRAVE COLONNA
85	TELAIO ACCIAIO: CONTROVENTI CONCENTRICI

Modellazione di strutture in muratura

Test N°	Titolo
81	ANALISI PUSHOVER DI UNA STRUTTURA IN MURATURA
84	ANALISI ELASTO PLASTICA INCREMENTALE, PARETE IN MURATURA
86	VERIFICA NON SISMICA DELLE MURATURE (D.M. 87 TA)
87	VERIFICA NON SISMICA DELLE MURATURE (D.M. 2005 SL)
88	FATTORE DI STRUTTURA

Modellazione di strutture in legno

Test N°	Titolo
17	SOLAIO: MISTO LEGNO-CALCESTRUZZO
89	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
90	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
91	FATTORE DI STRUTTURA
92	VERIFICHE EC5
93	SNELLEZZE EC5
94	VERIFICA AL FUOCO DI STRUTTURE IN LEGNO SECONDO EC5
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI
119	PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM

Id	Tipo / Note		Young	Poisson	G	Gamma	Alfa
		daN/ m2	daN/ m2		daN/ m2	daN/ m3	
1	Calcestruzzo Classe C25/30		3.145e+09	0.12	1.404e+09	2500.0	1.00e-05
	Rck	3.000e+06					
	fctm	2.558e+05					
11	acciaio Fe430 - S275		2.100e+10	0.30	8.077e+09	7850.0	1.00e-05
	ft	4.300e+07					
	fy	2.750e+07					
	fd	2.750e+07					
	fdt	2.500e+07					
	sadm	1.900e+07					
	sadmt	1.700e+07					
42	legno conifera C24 - UNI EN 338 1997 Per EC5		1.100e+09	0.0	6.900e+07	400.0	0.0
	Modulo E0,05		7.400e+08				
	Lamellare =No						
	Resist. fc0k	2.100e+06					
	Resist. ft0k	1.400e+06					
	Resist. fmk	2.400e+06					
	Resist. fvk	2.500e+05					
43	legno lamellare incollato omogeneo GL28h - UNI EN 1194 2000 Per EC5		1.260e+09	0.0	7.800e+07	400.0	0.0
	Modulo E0,05		1.020e+09				
	Lamellare =Si						
	Resist. fc0k	2.650e+06					
	Resist. ft0k	1.950e+06					
	Resist. fmk	2.800e+06					
	Resist. fvk	3.200e+05					
52	XLAM sp.140 (XLAM -1- vert)		5.500e+08	0.0	1.725e+07	930.0	0.0
	Modulo E0,05		5.500e+08				
	Lamellare =Si						
	Resist. fc0k	1.000e+04					
	Resist. ft0k	1.000e+04					
	Resist. fmk	1.000e+04					
	Resist. fvk	1.000e+04					
53	XLAM sp. 100 (XLAM -3- vert)		5.500e+08	0.0	1.725e+07	1100.0	0.0
	Modulo E0,05		5.500e+08				
	Lamellare =Si						
	Resist. fc0k	1.000e+04					

Id	Tipo / Note		Young	Poisson	G	Gamma	Alfa
	Resist. ft0k	1.000e+04					
	Resist. fmk	1.000e+04					
	Resist. fvk	1.000e+04					
54	XLAM Solaio sp.200 (XLAM -2- oriz)		5.500e+08	0.0	2.760e+06	500.0	0.0
	Modulo E0,05		5.500e+08				
	Lamellare =Si						
	Resist. fc0k	1.000e+04					
	Resist. ft0k	1.000e+04					
	Resist. fmk	1.000e+04					
	Resist. fvk	1.000e+04					
55	Xlam - Ascensore (XLAM -4- vert)		5.500e+08	0.0	1.725e+07	500.0	0.0
	Modulo E0,05		5.500e+08				
	Lamellare =Si						
	Resist. fc0k	1.000e+04					
	Resist. ft0k	1.000e+04					
	Resist. fmk	1.000e+04					
	Resist. fvk	1.000e+04					
56	Pannello soffice		3.700e+07	0.0	6.900e+07	0.0	0.0
	Modulo E0,05		2.489e+07				
	Lamellare =No						
	Resist. fc0k	0.0					
	Resist. ft0k	0.0					
	Resist. fmk	0.0					
	Resist. fvk	0.0					

Aste acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Beta assegnato	1.00	0.80	1.00	1.00	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80					
Verifica come controvento	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Usa condizioni I e II	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Coefficiente gamma M0	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05					
Coefficiente gamma M1	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05					
Coefficiente gamma M2	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25					

Pilastri acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
Metodo di calcolo 2-2	Wood nodi fissi	Assegnato	Wood nodi fissi	Wood nodi fissi	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato					
2-2 Beta assegnato	1.00	2.00	1.00	1.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00					
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Metodo di calcolo 3-3	Wood nodi fissi	Assegnato	Wood nodi fissi	Wood nodi fissi	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato					
3-3 Beta assegnato	1.00	2.00	1.00	1.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00					
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
1-1 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Generalità						
Coefficiente gamma M0	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05					
Coefficiente gamma M1	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05					
Coefficiente gamma M2	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25					
Effetti del 2 ordine	Si	Si	Si	Si	Si	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					

Pilastri acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Momenti equivalenti	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Usa condizioni I e II	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					

Travi acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
3-3 Beta * L automatico	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
3-3 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
3-3 Beta assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
2-2 Beta * L automatico	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
2-2 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
1-1 Beta * L automatico	Si	Si	Si	No	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
1-1 Beta assegnato	1.00	1.00	1.00	0.50	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Generalità						

Travi acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Coefficiente gamma M0	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05					
Coefficiente gamma M1	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
	1.05					
Coefficiente gamma M2	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
	1.25					
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Usa condizioni I e II	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Momenti equivalenti	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento
	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento
	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento
	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento
	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento
	Singolo elemento					
Armatura						
Inclinazione Av [gradi]	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00					
Angolo Av-Ao [gradi]	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00					
Minima tesa	0.25	0.25	0.25	0.25	0.25	0.25
	0.25	0.25	0.25	0.25	0.25	0.25
	0.25	0.25	0.25	0.25	0.25	0.25
	0.25	0.25	0.25	0.25	0.25	0.25
	0.25	0.25	0.25	0.25	0.25	0.25
	0.25					
Massima tesa	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00					
Maglia unica centrale	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Unico strato verticale	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Unico strato orizzontale	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Copriferro [cm]	2.00	3.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00					
Maglia V						
diametro	14	12	14	12	14	10
	10	10	10	10	10	10
	10	10	10	10	10	10
	10	10	10	10	10	10
	10	10	10	10	10	10
	10					
passo	20	20	20	15	20	25
	25	25	25	25	25	25
	25	25	25	25	25	25
	25	25	25	25	25	25
	25	25	25	25	25	25
	25					
diametro aggiuntivi	12	12	12	16	14	12
	12	12	12	12	12	12
	12	12	12	12	12	12
	12	12	12	12	12	12
	12	12	12	12	12	12
	12					
Maglia O						
diametro	10	10	10	10	10	8
	8	8	8	8	8	8
	8	8	8	8	8	8
	8	8	8	8	8	8
	8	8	8	8	8	8
	8					
passo	20	20	20	15	20	25
	25	25	25	25	25	25
	25	25	25	25	25	25
	25	25	25	25	25	25
	25	25	25	25	25	25
	25					
diametro aggiuntivi	8	10	8	10	10	8
	8	8	8	8	8	8
	8	8	8	8	8	8
	8	8	8	8	8	8
	8	8	8	8	8	8
	8					
Stati limite ultimi						
Tensione fy [daN/m2]	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	4.300e+07					
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C					
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15					
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50					
Fattore di confidenza FC	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Verifiche con N costante	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Tensioni ammissibili						
Tensione amm. cls [daN/ m2]	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00					
Tensione amm. acciaio [daN/ m2]	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07					
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00					
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Parete sismica						
Fattore amplificazione taglio V	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50					
Hcrit. par. 7.4.4.5.1 [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Hcrit. par. 7.4.6.1.4 [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Usa diagramma di fig. 7.4.2	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Vincolo lati	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato
	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato
	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato
	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato
	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato
	nessun lato					
Verifica come fascia	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Diametro di estremità	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0					
Zona confinata						
Minima tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Massima tesa	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00					
Distanza barre [cm]	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00					
Interferro	2	2	2	2	2	2
	2	2	2	2	2	2
	2	2	2	2	2	2
	2	2	2	2	2	2
	2	2	2	2	2	2
	2					
Armatura inclinata						
Area barre [cm2]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	0.0					
Angolo orizzontale [gradi]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Distanza di base [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Resistenza al fuoco						
3- intradosso	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
3+ estradosso	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Tempo di esposizione R	15	15	15	15	15	120
	120	120	120	120	120	120
	120	120	120	120	120	120
	120	120	120	120	120	120
	120	120	120	120	120	120
	120					

Gusci c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Armatura						
Inclinazione Ax [gradi]	0.0	0.0	0.0	0.0	-30.00	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Angolo Ax-Ay [gradi]	90.00	90.00	90.00	90.00	60.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
	90.00					
Minima tesa	0.31	0.31	0.31	0.31	0.31	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33					
Massima tesa	0.78	0.78	0.78	0.78	0.78	0.81
	0.81	0.81	0.81	0.81	0.81	0.81
	0.81	0.81	0.81	0.81	0.81	0.81
	0.81	0.81	0.81	0.81	0.81	0.81
	0.81	0.81	0.81	0.81	0.81	0.81
	0.81					
Maglia unica centrale	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Copriferro [cm]	2.00	3.00	2.00	2.00	3.00	2.00

Gusci c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00					
Maglia x						
diametro	14	14	14	14	14	10
	10	10	10	10	10	10
	10	10	10	10	10	10
	10	10	10	10	10	10
	10	10	10	10	10	10
	10					
passo	20	25	20	20	25	20
	20	20	20	20	20	20
	20	20	20	20	20	20
	20	20	20	20	20	20
	20	20	20	20	20	20
	20					
diametro aggiuntivi	14	14	14	14	14	12
	12	12	12	12	12	12
	12	12	12	12	12	12
	12	12	12	12	12	12
	12	12	12	12	12	12
	12					
Maglia y						
diametro	14	14	14	14	14	10
	10	10	10	10	10	10
	10	10	10	10	10	10
	10	10	10	10	10	10
	10	10	10	10	10	10
	10					
passo	20	25	20	20	25	20
	20	20	20	20	20	20
	20	20	20	20	20	20
	20	20	20	20	20	20
	20	20	20	20	20	20
	20					
diametro aggiuntivi	14	14	14	14	14	12
	12	12	12	12	12	12
	12	12	12	12	12	12
	12	12	12	12	12	12
	12	12	12	12	12	12
	12					
Stati limite ultimi						
Tensione fy [daN/ m2]	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07					
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C					
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15					
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50					
Fattore di confidenza FC	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					

Gusci c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Verifiche con N costante	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Applica SLU da DIN	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Tensioni ammissibili						
Tensione amm. cls [daN/ m2]	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00					
Tensione amm. acciaio [daN/ m2]	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07					
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00					
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Resistenza al fuoco						
3- intradosso	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
3+ estradosso	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Tempo di esposizione R	15	15	15	15	15	120
	120	120	120	120	120	120
	120	120	120	120	120	120
	120	120	120	120	120	120
	120	120	120	120	120	120
	120					

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetta a filo	Si	Si	Si	Si	Si	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Af inf: da q*L*L /	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	0.0					
Armatura						
Minima tesa	0.31	0.31	0.31	0.31	0.31	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33					
Minima compressa	0.31	0.31	0.31	0.31	0.31	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33	0.33	0.33	0.33	0.33	0.33
	0.33					
Massima tesa	0.78	0.78	0.78	0.78	0.78	0.81
	0.81	0.81	0.81	0.81	0.81	0.81
	0.81	0.81	0.81	0.81	0.81	0.81
	0.81	0.81	0.81	0.81	0.81	0.81
	0.81	0.81	0.81	0.81	0.81	0.81
	0.81					
Da sezione	Si	Si	Si	Si	Si	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Usa armatura teorica	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Stati limite ultimi						
Tensione fy [daN/ m2]	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07					
Tensione fy staffe [daN/ m2]	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07					
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C					
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15					
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50					
Fattore di confidenza FC	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Verifiche con N costante	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	Si					
Fattore di ridistribuzione	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
	Mander					
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03					
Fattore lambda	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02					
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03					
epsilon c2	0.0	0.0	0.0	0.0	0.0	2.000e-03
	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03
	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03
	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03
	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03
	2.000e-03					
epsilon cy	0.0	0.0	0.0	0.0	0.0	1.500e-03
	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03
	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03
	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03
	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03
	1.500e-03					
Tensioni ammissibili						
Tensione amm. cls [daN/ m2]	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00					
Tensione amm. acciaio [daN/ m2]	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07					
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00					
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	1.00					
Staffe						
Diametro staffe	10.00	0.0	10.00	10.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Passo minimo [cm]	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00					
Passo massimo [cm]	30.00	30.00	30.00	30.00	30.00	30.00
	30.00	30.00	30.00	30.00	30.00	30.00
	30.00	30.00	30.00	30.00	30.00	30.00
	30.00	30.00	30.00	30.00	30.00	30.00
	30.00	30.00	30.00	30.00	30.00	30.00
	30.00					
Passo raffittito [cm]	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00					
Lunghezza zona raffittita [cm]	50.00	50.00	50.00	50.00	50.00	50.00
	50.00	50.00	50.00	50.00	50.00	50.00
	50.00	50.00	50.00	50.00	50.00	50.00
	50.00	50.00	50.00	50.00	50.00	50.00
	50.00	50.00	50.00	50.00	50.00	50.00
	50.00					
Ctg(Teta) Max	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
	2.50					
Percentuale sagomati	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Luce di taglio per GR [cm]	0.0	1.00	0.0	0.0	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Adotta scorrimento medio	No	No	No	No	No	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Torsione non essenziale inclusa	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					

Pilastri c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Disponi come da sezione
	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione
	Disponi come da	Disponi come da	Disponi come da	Disponi come da	Disponi come da	Disponi come da

Pilastri c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	sezione	sezione	sezione	sezione	sezione	sezione
	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione
	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione	Disponi come da sezione
	Disponi come da sezione					
Progetta a filo	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Effetti del 2 ordine	Si	Si	Si	Si	Si	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Beta per 2-2	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Beta per 3-3	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Armatura						
Massima tesa	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00					
Minima tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Stati limite ultimi						
Tensione fy [daN/ m2]	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07					
Tensione fy staffe [daN/ m2]	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07					
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C					
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15					
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50

Pilastri c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50					
Fattore di confidenza FC	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Verifiche con N costante	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
	Mander					
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03					
Fattore lambda	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02					
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03					
epsilon c2	0.0	0.0	0.0	0.0	0.0	2.000e-03
	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03
	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03
	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03
	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03	2.000e-03
	2.000e-03					
epsilon cy	0.0	0.0	0.0	0.0	0.0	1.500e-03
	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03
	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03
	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03
	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03	1.500e-03
	1.500e-03					
Tensioni ammissibili						
Tensione amm. cls [daN/ m2]	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00					

Pilastri c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Tensione amm. acciaio [daN/ m2]	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07					
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00					
Staffe						
Diametro staffe	10.00	0.0	10.00	10.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Passo minimo [cm]	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00					
Passo massimo [cm]	25.00	25.00	25.00	25.00	25.00	25.00
	25.00	25.00	25.00	25.00	25.00	25.00
	25.00	25.00	25.00	25.00	25.00	25.00
	25.00	25.00	25.00	25.00	25.00	25.00
	25.00	25.00	25.00	25.00	25.00	25.00
	25.00					
Passo raffittito [cm]	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00					
Lunghezza zona raffittita [cm]	45.00	45.00	45.00	45.00	45.00	45.00
	45.00	45.00	45.00	45.00	45.00	45.00
	45.00	45.00	45.00	45.00	45.00	45.00
	45.00	45.00	45.00	45.00	45.00	45.00
	45.00	45.00	45.00	45.00	45.00	45.00
	45.00					
Ctg(Teta) Max	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
	2.50					
Luce di taglio per GR [cm]	0.0	1.00	0.0	0.0	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Massimizza gerarchia	No	Si	No	No	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					

Solai c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Usa tensioni ammissibili	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Af inf: da traliccio	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Consenti armatura a taglio	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Incrementa armatura longitudinale per taglio	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Af inf: da q*L*L /	20.00	20.00	20.00	20.00	20.00	16.00
	16.00	16.00	16.00	16.00	16.00	16.00
	16.00	16.00	16.00	16.00	16.00	16.00
	16.00	16.00	16.00	16.00	16.00	16.00
	16.00	16.00	16.00	16.00	16.00	16.00
	16.00					
Incremento fascia piena [cm]	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
	5.00					
Armatura						
Minima tesa	0.15	0.15	0.15	0.15	0.15	0.15
	0.15	0.15	0.15	0.15	0.15	0.15
	0.15	0.15	0.15	0.15	0.15	0.15
	0.15	0.15	0.15	0.15	0.15	0.15
	0.15	0.15	0.15	0.15	0.15	0.15
	0.15					
Massima tesa	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
	3.00					
Minima compressa	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Af/h [cm]	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02
	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02
	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02
	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02
	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02
	7.000e-02					
Stati limite ultimi						
Tensione fy [daN/ m2]	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.500e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07	4.300e+07
	4.300e+07					
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C

Solai c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
	tipo C					
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
	1.15					
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50					
Fattore di ridistribuzione	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Tensioni ammissibili						
Tensione amm. cls [daN/ m2]	850000.00	850000.00	850000.00	850000.00	850000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00	975000.00	975000.00	975000.00	975000.00	975000.00
	975000.00					
Tensione amm. acciaio [daN/ m2]	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07	2.600e+07
	2.600e+07					
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
	15.00					
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Verifica freccia						
Infinita	250.00	500.00	250.00	250.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	500.00
	500.00					
Istantanea	500.00	1000.00	500.00	500.00	1000.00	1000.00
	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	1000.00					
Fattore viscosità	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
	3.00					
Usa J non fessurato	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
aste						
Beta assegnato	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80					
travi						
3-3 Beta * L automatico	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
3-3 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
2-2 Beta * L automatico	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
2-2 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
1-1 Beta * L automatico	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
1-1 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
pilastri						
Metodo di calcolo 3-3	Wood nodi spostabili	Assegnato	Wood nodi spostabili	Wood nodi spostabili	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato					
3-3 Beta assegnato	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00					
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Metodo di calcolo 2-2	Wood nodi spostabili	Assegnato	Wood nodi spostabili	Wood nodi spostabili	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato					
2-2 Beta assegnato	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00					
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
1-1 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Generalità						
Gamma non sismico	1.50	1.50	1.50	1.50	1.50	1.30
	1.30	1.30	1.30	1.30	1.30	1.30
	1.30	1.30	1.30	1.30	1.30	1.30
	1.30	1.30	1.30	1.30	1.30	1.30
	1.30	1.30	1.30	1.30	1.30	1.30
	1.30					
Gamma sismico	1.50	1.10	1.50	1.50	1.10	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
	1.50					
Fattore di confidenza FC	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Classificazione						
Classe di servizio	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)
	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)
	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)
	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)
	2 (media umidità)					
Per classe di servizio 1						
Kmod permanente	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60					
Kmod lunga	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70					
Kmod media	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80					
Kmod breve	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90					
Kmod istantanea	1.00	1.00	1.00	1.00	1.00	1.10
	1.10	1.10	1.10	1.10	1.10	1.10
	1.10	1.10	1.10	1.10	1.10	1.10
	1.10	1.10	1.10	1.10	1.10	1.10
	1.10	1.10	1.10	1.10	1.10	1.10
	1.10					
Kdef	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60					
Per classe di servizio 2						
Kmod permanente	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60	0.60	0.60	0.60	0.60	0.60
	0.60					
Kmod lunga	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70					
Kmod media	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80					
Kmod breve	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90					
Kmod istantanea	1.00	1.00	1.00	1.00	1.00	1.10
	1.10	1.10	1.10	1.10	1.10	1.10
	1.10	1.10	1.10	1.10	1.10	1.10
	1.10	1.10	1.10	1.10	1.10	1.10
	1.10	1.10	1.10	1.10	1.10	1.10
	1.10					
Kdef	0.80	0.80	0.80	0.80	0.80	0.80

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
	0.80					
Per classe di servizio 3						
Kmod permanente	0.50	0.50	0.50	0.50	0.50	0.50
	0.50	0.50	0.50	0.50	0.50	0.50
	0.50	0.50	0.50	0.50	0.50	0.50
	0.50	0.50	0.50	0.50	0.50	0.50
	0.50	0.50	0.50	0.50	0.50	0.50
	0.50					
Kmod lunga	0.55	0.55	0.55	0.55	0.55	0.55
	0.55	0.55	0.55	0.55	0.55	0.55
	0.55	0.55	0.55	0.55	0.55	0.55
	0.55	0.55	0.55	0.55	0.55	0.55
	0.55	0.55	0.55	0.55	0.55	0.55
	0.55					
Kmod media	0.65	0.65	0.65	0.65	0.65	0.65
	0.65	0.65	0.65	0.65	0.65	0.65
	0.65	0.65	0.65	0.65	0.65	0.65
	0.65	0.65	0.65	0.65	0.65	0.65
	0.65	0.65	0.65	0.65	0.65	0.65
	0.65					
Kmod breve	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70	0.70	0.70	0.70	0.70	0.70
	0.70					
Kmod istantanea	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90	0.90	0.90	0.90	0.90	0.90
	0.90					
Kdef	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
	2.00					

XLAM	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
L direzione 1 [*] [cm]	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
L direzione 2 [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
Verifica V da D.38	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
Verifica M da M.5-45	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					

XLAM	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Media valori elementi	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	Si
	Si					
Connessioni pareti						
rvpk [daN/ m]	5000.00	5000.00	5000.00	5000.00	5000.00	3860.00
	3860.00	5790.00	7580.00	7580.00	3790.00	3790.00
	4242.00	3790.00	4149.00	4361.00	3860.00	10650.00
	11370.00	7100.00	10650.00	11370.00	7100.00	10650.00
	11370.00	10650.00	11370.00	10650.00	11370.00	11370.00
	4420.00					
rvtk [daN/ m]	5000.00	5000.00	5000.00	5000.00	5000.00	6500.00
	6500.00	8125.00	6500.00	6500.00	6500.00	6500.00
	6500.00	6500.00	6500.00	6500.00	6500.00	12940.00
	16175.00	8125.00	12940.00	16175.00	8125.00	12940.00
	16175.00	12940.00	16175.00	12940.00	16175.00	16750.00
	6500.00					
rvlk [daN/ m]	5000.00	5000.00	5000.00	5000.00	5000.00	3250.00
	3250.00	6500.00	3250.00	3250.00	3250.00	3250.00
	3250.00	3250.00	3250.00	3250.00	3250.00	6470.00
	6470.00	6470.00	6470.00	6470.00	12940.00	12940.00
	12940.00	12940.00	12940.00	16175.00	16175.00	22500.00
	6470.00					
RHk [daN]	5000.00	5000.00	5000.00	5000.00	5000.00	3660.00
	7320.00	14640.00	3860.00	4460.00	3860.00	4460.00
	3660.00	3860.00	7320.00	7320.00	9638.00	10620.00
	10620.00	14480.00	14480.00	14480.00	21240.00	21240.00
	21240.00	28960.00	28960.00	43440.00	43440.00	57920.00
	8690.00					
dH [cm]	25.00	25.00	25.00	25.00	25.00	15.00
	18.00	18.00	15.00	15.00	15.00	15.00
	15.00	15.00	18.00	18.00	18.00	15.00
	15.00	15.00	15.00	15.00	25.00	25.00
	25.00	25.00	25.00	25.00	25.00	20.00
	10.00					
fcH90k [daN/ m2]	200000.00	200000.00	200000.00	200000.00	200000.00	1.500e+06
	1.500e+06	1.500e+06	585000.00	585000.00	585000.00	585000.00
	1.500e+06	585000.00	1.500e+06	1.500e+06	1.500e+06	450000.00
	450000.00	450000.00	450000.00	450000.00	450000.00	450000.00
	450000.00	450000.00	450000.00	450000.00	450000.00	450000.00
	1.230e+06					
Pannelli solaio						
f ist<L/	500.00	500.00	500.00	500.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	500.00
	500.00					
f inf<L/	350.00	350.00	350.00	350.00	350.00	350.00
	350.00	350.00	350.00	350.00	350.00	350.00
	350.00	350.00	350.00	350.00	350.00	350.00
	350.00	350.00	350.00	350.00	350.00	350.00
	350.00	350.00	350.00	350.00	350.00	350.00
	250.00					
Verifica vibrazioni (EC5 7.3)	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
E massetto collaborante [daN/ m2]	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09
	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09
	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09
	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09
	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09	2.000e+09
	2.000e+09					
t massetto collaborante [cm]	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
	4.00					

XLAM	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Smorzamento percentuale	0.0	0.0	0.0	0.0	0.0	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
	1.00					
Resistenza al fuoco						
Spessore carbonizzazione [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
	0.0					
3- intradosso	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					
3+ estradosso	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No	No	No	No	No	No
	No					

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

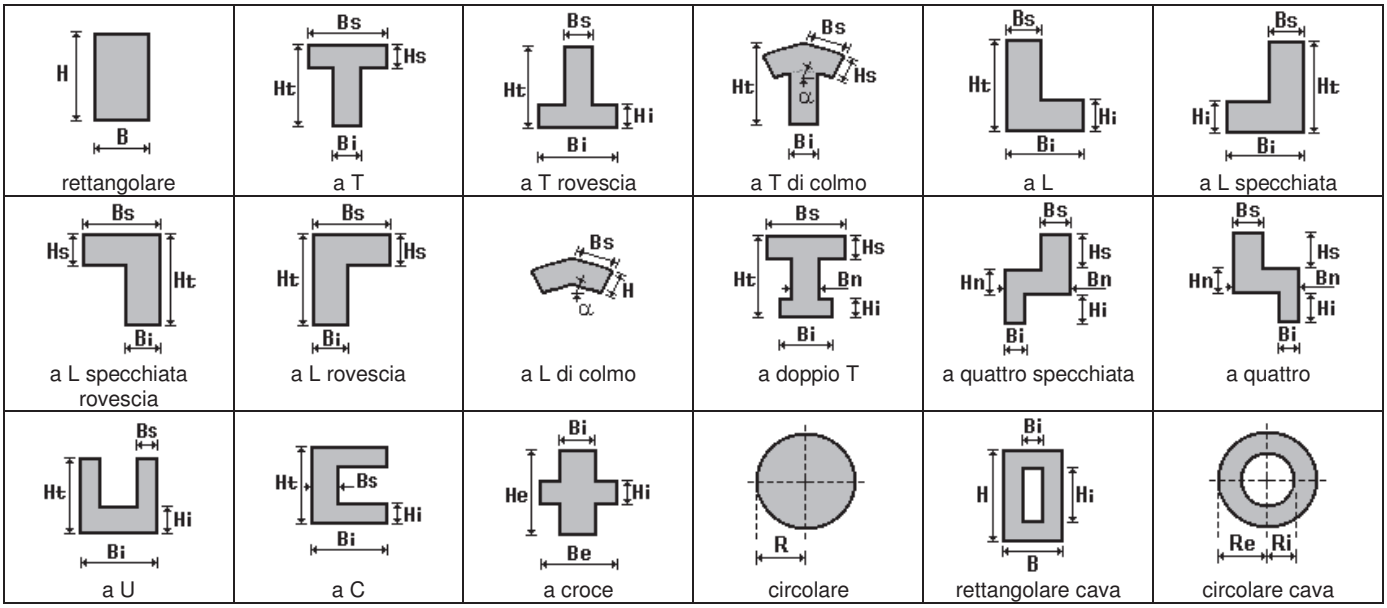
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

1 sezione di tipo generico
2 profilati semplici
3 profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.



Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilatari.

Per quanto concerne le sezioni di tipo generico (tipo 1.):
i valori dimensionali con prefisso B sono riferiti all'asse 2
i valori dimensionali con prefisso H sono riferiti all'asse 3

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Settembre 2014, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
1	CARATTERISTICHE GEOMETRICHE E INERZIALI
45	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
49	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
50	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
51	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
104	ANALISI DI RESISTENZA AL FUOCO

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	Rettangolare: b=30.00 h =24.00	720.00	600.00	600.00	7.126e+04	5.400e+04	3.456e+04	3600.00	2880.00	5400.00	4320.00
2	Rettangolare: b=40.00 h =24.00	960.00	800.00	800.00	1.146e+05	1.280e+05	4.608e+04	6400.00	3840.00	9600.00	5760.00
3	T ribassata: bi=20.00 ht=54.00 bs=40.00 hs=24.00	1560.00	0.0	0.0	2.250e+05	1.480e+05	3.602e+05	7400.00	1.139e+04	1.260e+04	1.971e+04
4	L inv.ribas.: bi=20.00 ht=54.00 bs=40.00 hs=24.00	1560.00	0.0	0.0	2.250e+05	1.849e+05	3.602e+05	7754.84	1.139e+04	1.393e+04	1.971e+04
5	Rettangolare: b=10.00 h =32.00	320.00	266.67	266.67	8566.67	2666.67	2.731e+04	533.33	1706.67	800.00	2560.00
6	Rettangolare: b=10.00 h =52.00	520.00	433.33	433.33	1.523e+04	4333.33	1.172e+05	866.67	4506.67	1300.00	6760.00
7	Rettangolare cava: b =12.00 h =18.00 bi=10.00 hi=16.00	56.00	0.0	0.0	2497.79	1258.67	2418.67	209.78	268.74	248.00	332.00
8	Rettangolare cava: b =12.00 h =20.00 bi=10.00 hi=18.00	60.00	0.0	0.0	2912.07	1380.00	3140.00	230.00	314.00	270.00	390.00
9	Rettangolare: b=16.00 h =24.00	384.00	320.00	320.00	1.901e+04	8192.00	1.843e+04	1024.00	1536.00	1536.00	2304.00
10	Rettangolare: b=20.00 h =30.00	600.00	500.00	500.00	4.640e+04	2.000e+04	4.500e+04	2000.00	3000.00	3000.00	4500.00
11	Rettangolare: b=100.00 h =5.00	500.00	416.67	416.67	4035.42	4.167e+05	1041.67	8333.33	416.67	1.250e+04	625.00
12	2 UPN 140 schiena-schiena a dist.=10.00	40.80	0.0	0.0	11.36	333.39	1210.00	51.29	172.80	92.21	206.00

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO

LEGENDA TABELLA DATI SOLAI

Il programma utilizza per la modellazione elementi a tre o più nodi denominati in generale solaio.
Ogni elemento solaio è individuato da una poligonale di nodi 1,2, ..., N.
L'elemento solaio è utilizzato in primo luogo per la modellazione dei carichi agenti sugli elementi strutturali. In secondo luogo può essere utilizzato per la corretta ripartizione delle forze orizzontali agenti nel proprio piano. L'elemento balcone è derivato dall'elemento solaio.
I carichi agenti sugli elementi, raccolti in un archivio, sono direttamente assegnati agli elementi utilizzando le informazioni raccolte nell' archivio (es. i coefficienti combinatori). La tabella seguente riporta i dati utilizzati per la definizione dei carichi e delle masse.

Id.Arch.	Identificativo dell' archivio
Tipo	Tipo di carico ***Variab.*** Carico variabile generico ***Var. rid.*** Carico variabile generico con riduzione in funzione dell' area (c.5.5. …) ***Neve*** Carico di neve
G1k	carico permanente (comprensivo del peso proprio)
G2k	carico permanente non strutturale e non compiutamente definito
Qk	carico variabile
Fatt. A	fattore di riduzione del carico variabile (0.5 o 0.75) per tipo "Var.rid."
S sis.	fattore di riduzione del carico variabile per la definizione delle masse sismiche per D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")
Psi 0	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore raro***
Psi 1	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore frequente***
Psi 2	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore quasi permanente***
Psi S 2	Coefficiente di combinazione che fornisce il valore quasi-permanente dell'azione variabile: ***per la definizione delle masse sismiche***
Fatt. Fi	Coefficiente di correlazione dei carichi per edifici

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione. In particolare per ogni elemento viene indicato in tabella:

Elem	numero dell'elemento
Tipo	codice di comportamento ***S*** elemento utilizzato solo per scarico ***C*** elemento utilizzato per scarico e per modellazione piano rigido ***M*** scarico monodirezionale ***B*** scarico bidirezionale
Id.Arch.	Identificativo dell' archivio
Mat	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Orditura	angolo (rispetto all'asse X) della direzione dei travetti principali
Gk	carico permanente (comprensivo del peso proprio)
Qk	carico variabile
Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale); nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite vengono riportati il rapporto x/d e le verifiche per sollecitazioni proporzionali nonché le verifiche in esercizio.

In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	numero identificativo dell'elemento
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m);
Pos.	Ascissa del punto di verifica
F ist, F infi	Frecce istantanee e a tempo infinito
Momento	Momento flettente
Taglio	Sollecitazione di taglio
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup.	Area di armatura longitudinale posta all'estradosso della trave
AfV	Area dell'armatura atta ad assorbire le azioni di taglio
Beff	Base della sezione di cls per l'assorbimento del taglio
	simboli utilizzati con il metodo delle tensioni ammissibili:
sc max	Massima tensione di compressione del calcestruzzo
sf max	Massima tensione nell'acciaio
tau max	Massima tensione tangenziale nel calcestruzzo
	simboli utilizzati con il metodo degli stati limite:
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
verif.	rapporto Sd/Su con sollecitazioni ultime proporzionali: valore minore o uguale a 1 per verifica positiva

Verif.V	rapporto Sd/Su con sollecitazioni taglianti proporzionali valore minore o uguale a 1 per verifica positiva
rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rFfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni frequenti [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni frequenti [normalizzato a 1]
rFyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
14	ANALISI DEI CARICHI PER UN SOLAIO DI COPERTURA
15	EFFETTI DELLO SPESSORE SULLA RIGIDEZZA DEI SOLAI
16	SOLAIO: CONFRONTO FRA RIGIDO E DEFORMABILE
17	SOLAIO: MISTO LEGNO-CALCESTRUZZO
28	FRECCIA DI SOLAI IN C.A.
128	PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM

ID Arch.	Tipo	G1k	G2k	Qk	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
		kg/ m2	kg/ m2	kg/ m2							
1	Variab.	360.00	380.00	200.00		1.00	0.70	0.50	0.30	0.30	1.00
2	Variab.	360.00	300.00	400.00		1.00	0.70	0.70	0.60	0.60	1.00
3	Variab.	100.00	380.00	200.00		1.00	0.70	0.50	0.30	0.30	1.00
4	Variab.	100.00	300.00	400.00		1.00	0.70	0.70	0.60	0.60	1.00
5	Variab.	100.00	100.00	50.00		1.00	0.0	0.0	0.0	0.0	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k	G2k	Qk	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
						kg/ m2	kg/ m2	kg/ m2					
1	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	145	525	526	533	538
									543	573	568	563	558
									553	548	1536	170	165
									160	2259	155	150	95
									140	135	130	125	120
									115	114			
2	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	2154	1183	1188	1193	2169
									1198	1203	1208	2235	1213
									2191	993	988	983	978
									973	968	963	958	618
									613	608	603	598	1567
									593	588	583	578	543
									931	936	937	1907	85
									943	948	1889	953	
3	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	578	583	588	593	1567

									598	603	608	613	618
									650	645	640	635	627
									626	628	623	6226	215
									210	1406	205	1401	200
									195	1090	190	185	180
									522	175	1366	170	1536
									548	553	558	563	568
									573	543			
4	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	1218	1223	1228	1233	1238
									1243	2136	2149	1976	1023
									1018	1013	1903	1008	1956
									1951	1003	998	978	983
									988	993			
5	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	998	1003	1951	1956	1008
									1903	1013	1018	1023	1976
									1028	1033	1038	1043	1068
									1063	2045	1058	1053	1048
									1991	754	759	761	764
									794	789	784	779	774
									1806	769	618	958	963
									968	973	978		
6	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	1248	1253	1258	1088	1083
									2119	1078	1073	1043	1038
									1033	1028	1976	2149	2136
									1243				
7	CM	2	m=1	24.0	90.0	360.00	300.00	400.00	764	761	759	754	749
									744	739	734	729	6227
									794				
8	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	2214	1268	1273	1278	1283
									1288	1293	1298	1303	1308
									1178	1173	1168	1163	1158
									1133	1128	1123	1118	1113
									2065	1112	1103	2060	1098
									2050	1068	1043	1073	1078
									2119	1083	1088		
9	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	2050	1098	2060	1103	1112
									2065	1113	1118	1123	1128
									1133	1153	2031	1148	1143
									1138	836	871	866	861
									856	851	846	841	749
									754	1991	1048	1053	1058
									2045	1063	1068		
10	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	841	846	851	856	861
									866	871	836	831	826
									821	816	811	806	300
									295	1532	1464	290	285
									1469	280	275	270	1439
									265	260	717	722	719
									6225	729	734	739	744
									749				
11	CM	1	m=1	24.0	90.0	360.00	380.00	200.00	876	881	886	891	896
									926	921	916	911	906
									901	325	320	315	1548
									310	305	300	806	811
									816	821	826	831	836
12	CM	2	m=1	24.0	90.0	360.00	300.00	400.00	114	6382	6381	65	70
									75	80	85	1907	937
									936	931	543	538	533
									526	525	145		
13	CM	2	m=1	24.0	90.0	360.00	300.00	400.00	6227	729	6225	719	722
									717	260	255	250	245
									240	670	692		
14	CM	2	m=1	24.0	90.0	360.00	300.00	400.00	659	660	671	669	670
									240	235	230	225	
15	CM	2	m=1	24.0	90.0	360.00	300.00	400.00	635	677	659	225	220
									215	6226	628	626	
16	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4268	4266	4264	4262	4260
									4285	4284	4281	4280	4278
									4276	4274	4272	4344	4346
									4347	4350	4352	4367	4366
									4364	4362	4360	4358	4356
									4354				
17	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4258	4256	4254	4252	4248
									4247	4245	4243	4241	4239
									4237	4235	4232	4230	4270
									4322	4324	4325	4328	4330
									4331	4334	4336	4337	4340

									4342	4344	4272	4274	4276
									4278	4280	4281	4284	4285
18	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4004	4002	4000	3997	3996
									4469	4467	4263	4223	4099
									4098	4096	4109	4108	4106
									4104	4102	4241	4243	4245
									4247	4248	4252	4254	4256
									4258	4285	4122	4123	4112
									4188	4114	4116	4118	4119
19	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	4011	4010	4006	4082	4084
									4086	4087	4090	4092	4040
									4094	4109	4096	4098	4099
20	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4094	4092	4090	4087	4086
									4084	4082	4148	4150	4152
									4154	4156	4158	4241	4102
									4104	4106	4108	4109	
21	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4073	4222	4212	4021	4020
									4018	4234	4016	4014	4055
									4054	4052	4079	4078	4076
									4142	4140	4144	4146	4148
									4082	4006	4010	4011	
22	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4071	4051	4208	4206	4044
									4227	4081	4063	4226	4031
									4030	4028	4026	4024	4061
									4034	4036	4038	4041	4042
									4046	4048	4050	4055	4014
									4016	4234	4018	4020	4021
23	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4050	4048	4046	4042	4041
									4038	4036	4034	4061	4060
									4058	4065	4064	4177	4126
									4128	4130	4132	4134	4136
									4138	4197	4142	4076	4078
									4079	4052	4054	4055	
24	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4138	4136	4134	4132	4130
									4128	4126	4177	4176	4174
									4185	4184	4182	4180	4298
									4299	4302	4304	4305	4308
									4310	4311	4314	4316	4200
									4202	4203	4190	4192	4194
									4196	4197			
25	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4074	4072	4070	4068	4171
									4170	4168	4166	4164	4162
									4160	4288	4290	4291	4294
									4296	4298	4180	4182	4184
									4185	4174	4176	4177	
26	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	4352	4350	4347	4346	4344
									4342	4340	4337	4336	4334
									4331	4330	4328	4325	4324
									4322	6413	6412	6411	6410
									6409	6408	6407	6406	6405
									6404	6403	6402	6401	6400
									6399	6398	6397	4367	
27	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	4314	4311	4310	4308	4305
									4304	4302	4299	4298	4296
									4294	4291	4290	4288	6430
									6429	6428	6427	6426	6425
									6424	6423	6422	6421	6420
									6419	6418	6417	6416	4316
28	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	4232	4230	4270	4322	4320
									6250	6432	6431	4885	4909
									4910	4917	4918	4897	
29	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	4190	4203	4202	4200	4316
									4317	6432	6431		
30	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	4144	4140	4142	4197	4196
									4194	4192	4190	6431	4146
31	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	3721	3723	3725	3727	3729
									3704	3705	3708	3709	3711
									3713	3715	3717	3645	3643
									3642	3639	3637	3622	3623
									3625	3627	3629	3631	3633
									3635				
32	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	3731	3733	3735	3737	3741
									3742	3744	3746	3748	3750
									3752	3754	3757	3759	3719
									3667	3665	3664	3661	3659
									3658	3655	3653	3652	3649
									3647	3645	3717	3715	3713

									3711	3709	3708	3705	3704
33	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	3985	3987	3989	3992	3993
									3520	3522	3726	3766	3890
									3891	3893	3880	3881	3883
									3885	3887	3748	3746	3744
									3742	3741	3737	3735	3733
									3731	3704	3867	3866	3877
									3801	3875	3873	3871	3870
34	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	3978	3979	3983	3907	3905
									3903	3902	3899	3897	3949
									3895	3880	3893	3891	3890
35	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	3895	3949	3897	3899	3902
									3903	3905	3907	3841	3839
									3837	3835	3833	3831	3748
									3887	3885	3883	3881	3880
36	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	3916	3767	3777	3968	3969
									3971	3755	3973	3975	3934
									3935	3937	3910	3911	3913
									3847	3849	3845	3843	3841
									3907	3983	3979	3978	
37	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	6468	3799	3786	3787	3789
									3673	3672	6469	6251	3080
									3104				
38	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	3939	3941	3943	3947	3948
									3951	3953	3955	3928	3929
									3931	3924	3925	3812	3863
									3861	3859	3857	3855	3853
									3851	3792	3847	3913	3911
									3910	3937	3935	3934	
39	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	3915	3917	3919	3921	3818
									3819	3821	3823	3825	3827
									3829	3701	3699	3698	3695
									3693	3691	3809	3807	3805
									3804	3815	3813	3812	
40	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	3851	3853	3855	3857	3859
									3861	3863	3812	3813	3815
									3804	3805	3807	3809	3691
									3690	3687	3685	3684	3681
									3679	3678	3675	3673	3789
									3787	3786	3799	3797	3795
									3793	3792			
41	CM	3	m=54	20.0	90.0	100.00	380.00	200.00	3918	3938	3781	3783	3945
									3762	3908	3926	3763	3958
									3959	3961	3963	3965	3928
									3955	3953	3951	3948	3947
									3943	3941	3939	3934	3975
									3973	3755	3971	3969	3968
42	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	3637	3639	3642	3643	3645
									3647	3649	3652	3653	3655
									3658	3659	3661	3664	3665
									3667	6450	6451	6452	6453
									6454	6455	6456	6457	6458
									6459	6460	6461	6462	6463
									6464	6465	6466	3622	
43	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	3675	3678	3679	3681	3684
									3685	3687	3690	3691	3693
									3695	3698	3699	3701	6433
									6434	6435	6436	6437	6438
									6439	6440	6441	6442	6443
									6444	6445	6446	6447	3673
44	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	3757	3759	3719	3667	3669
									6251	3080	3079	3072	3071
									3092				
45	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	3845	3849	3847	3792	3793
									3795	3797	3799	6468	3843
46	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2684	2682	2680	2678	2676
									2701	2700	2697	2696	2694
									2692	2690	2688	2760	2762
									2763	6243	2411	2768	2783
									2782	2780	2778	2776	2774
									2772	2770			
47	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2674	2672	2670	2668	6261
									6262	2664	2663	2661	2659
									2657	2655	2653	2651	2648
									2646	2686	2738	2740	2741
									6249	6248	2744	2746	2747
									6247	6246	2750	2752	2753

									6245	6244	2756	2758	2760
									2688	2690	2692	2694	2696
									2697	2700	2701		
48	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2420	2418	2416	6228	2413
									2412	5888	5886	6229	2679
									2639	2515	2514	2512	2525
									2524	2522	2520	2518	2657
									2659	2661	2663	2664	6262
									6261	2670	2672	2674	2701
									2538	2539	2528	2604	2530
									2532	2534	2535		
49	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	6230	6231	6232	6233	6234
									6235	6236	2427	2426	2422
									2498	2500	2502	2503	2506
									2508	2456	2510	2525	2512
									2514	2515			
50	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2510	2456	2508	2506	2503
									2502	2500	2498	2564	2566
									2568	2570	2572	2574	2657
									2518	2520	2522	2524	2525
51	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2489	2638	2628	2437	2436
									2434	2650	2432	2430	2471
									2470	2468	2495	2494	2492
									2558	2556	2560	2562	2564
									2498	2422	2426	2427	
52	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2487	2467	6237	2624	2622
									2460	2643	6238	2497	2479
									2642	2447	2446	2444	2442
									2440	2477	2450	2452	2454
									2457	2458	6331	2462	2464
									2466	2471	2430	2432	2650
									2434	2436	2437		
53	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2466	2464	2462	6331	2458
									2457	2454	2452	2450	2477
									2476	2474	2481	2480	2593
									2542	2544	2546	2548	2550
									2552	2554	2613	2558	2492
									2494	2495	2468	2470	2471
54	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2490	2488	2486	2484	2587
									2586	2584	2582	2580	2578
									2576	2704	2706	2707	6239
									2710	2712	2714	2596	2598
									2600	2601	2590	2592	2593
55	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2554	2552	2550	2548	2546
									2544	2542	2593	2592	2590
									2601	2600	2598	2596	2714
									2715	6240	2718	2720	2721
									6241	2724	2726	2727	6242
									2730	2732	2616	2618	2619
									2606	2608	2610	2612	2613
56	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2564	2562	2560	2556	2558
									2613	2612	2610	2608	2606
									2619	2618	2616	2732	2733
									6260	6259	6258	6257	6256
									1930	1876	1886	1887	2566
57	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	1949	1931	1930	6256	6255
									6254	6253	1950		
58	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2570	2568	2566	1887	1860
									1868	1917	2572		
59	CM	5	m=54	20.0	90.0	100.00	100.00	50.00	2574	2572	1917	1916	1905
									1950	6253	6252	2736	2738
									2686	2646	2648	2651	2653
									2655	2657			
60	CM	5	m=54	20.0	0.0	100.00	100.00	50.00	1917	1868	1860	1887	1886
									1876	1930	1931	1949	1950
									1905	1916			
61	CM	2	m=1	24.0	90.0	360.00	300.00	400.00	769	1806	687	682	677
									635	640	645	650	618
62	CM	2	m=1	24.0	90.0	360.00	300.00	400.00	789	794	6227	692	697
									702	784			
63	CM	2	m=1	24.0	0.0	360.00	300.00	400.00	774	779	784	702	712
									707	687	1806		
64	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	4158	4156	4902	4901	4897
									4232	4235	4237	4239	4241
65	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	4148	4146	6431	4885	4889
									4890	4150			
66	CM	4	m=54	20.0	0.0	100.00	300.00	400.00	4154	4152	4150	4890	4877

									4881	4902	4156		
67	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	3831	3833	3087	3088	3092
									3757	3754	3752	3750	3748
68	CM	4	m=54	20.0	90.0	100.00	300.00	400.00	3841	3843	6468	3104	3100
									3099	3839			
69	CM	4	m=54	20.0	0.0	100.00	300.00	400.00	3835	3837	3839	3099	3112
									3108	3087	3833		

Elem.	**Stato**	**Note**	**f ist**	**f infi**	**Fac. B-A**	**Pos.**	**Momento**	**Taglio**	**V. 127**	**V. 128**	**V. 545**	**V. 129**	**V. 130**	**V. 131**
			cm	cm		cm	daN	daN/ m						
31	ok	L m=54,p=2	-0.71	-0.85	0.91	0.0	0.0	-2254.42	0.0	0.0	0.0	0.01	0.26	0.26
						253.3	2855.28	261.26	0.0	0.0	0.43	1.60e-04	0.03	0.03
						514.4	-1523.20	2585.34	0.0	0.0	0.23	0.02	0.29	0.29
...														
60	ok	L m=54,p=2	-8.84e-03	-0.01	0.51	170.2	0.0	310.70	0.0	0.0	0.0	2.37e-04	0.03	0.03
Elem.			**f ist**	**f infi**			**Momento**	**Taglio**	**V. 127**	**V. 128**	**V. 545**	**V. 129**	**V. 130**	**V. 131**
							-3142.57	-2850.43						
			0.11	0.14			2885.03	3218.90	0.0	0.0	0.49	0.02	0.36	0.36

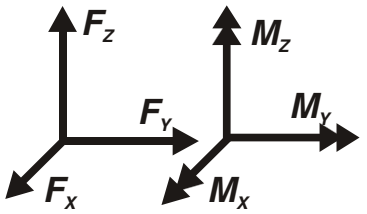
MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

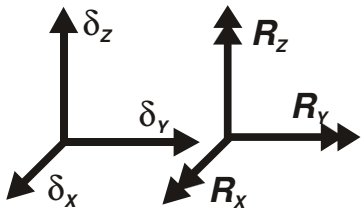
Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	**carico concentrato nodale** 6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
2	**spostamento nodale impresso** 6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
3	**carico distribuito globale su elemento tipo trave** 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	**carico distribuito locale su elemento tipo trave** 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico) 7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	**carico concentrato globale su elemento tipo trave** 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	**carico concentrato locale su elemento tipo trave** 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	**variazione termica applicata ad elemento tipo trave** 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	**carico di pressione uniforme su elemento tipo piastra** 1 dato (pressione)
9	**carico di pressione variabile su elemento tipo piastra** 4 dati (pressione, quota, pressione, quota)
10	**variazione termica applicata ad elemento tipo piastra** 2 dati (variazioni termiche: media e differenza nello spessore)

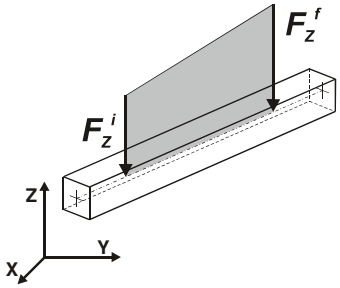
11	**carico variabile generale su elementi tipo trave e piastra** 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	**gruppo di carichi con impronta su piastra** 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi



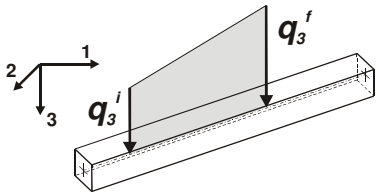
Carico concentrato nodale



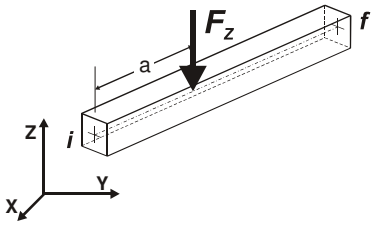
Spostamento impresso



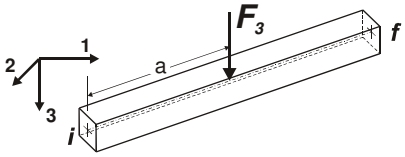
Carico distribuito globale



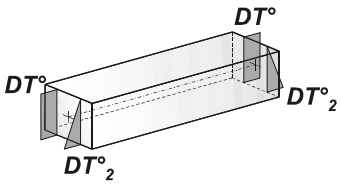
Carico distribuito locale



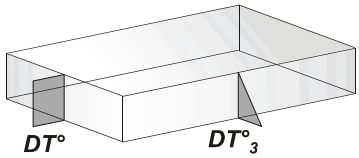
Carico concentrato globale



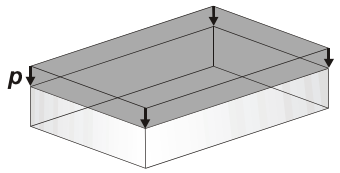
Carico concentrato locale



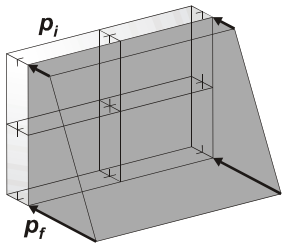
Carico termico 2D



Carico termico 3D



Carico pressione uniforme



Carico pressione variabile

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		kg/ m2
7	Vento +X da sinistra	80.00
8	Vento -X da sinistra	16.00
9	Vento +X da destra	80.00
10	Vento -X da destra	16.00
11	Vento +Y dal basso	80.00
12	Vento -Y dal basso	16.00
13	Vento +Y dall'alto	80.00
14	Vento-Y dall'alto	16.00

Tipo	carico variabile generale

Id	Tipo	ascissa	valore	ascissa	valore
		m	kg/ m2	m	kg/ m2
1	Permanente platea				
	X - X Qz Area L2=0.0	0.0	-620.00	5000.00	-620.00
2	Variabili platea				
	X - X Qz Area L2=0.0	0.0	-200.00	5000.00	-200.00
3	Permanenti extrasagoma				
	X - X Qx Area L2=0.0	0.0	-300.00	5000.00	-300.00
4	Variabili extrasagoma				
	X - X Qx Area L2=0.0	0.0	-400.00	5000.00	-400.00
5	Permanenti copertura				
	X - X Qx Area L2=0.0	0.0	-30.00	5000.00	-30.00
6	Neve copertura				
	X - X Qx Area L2=0.0	0.0	-80.00	3000.00	-80.00

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.
Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	*Tipo*	*Descrizione*
1	**Ggk**	A	caso di carico comprensivo del peso proprio struttura
2	**Gk**	NA	caso di carico con azioni permanenti
3	**Qk**	NA	caso di carico con azioni variabili
4	**Gsk**	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	**Qsk**	A	caso di carico comprensivo dei carichi variabili sui solai
6	**Qnk**	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	**Qtk**	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	**Qvk**	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	**Esk**	SA	caso di carico sismico con analisi statica equivalente
10	**Edk**	SA	caso di carico sismico con analisi dinamica
11	**Etk**	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	**Pk**	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:
Numero Tipo e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gsk	CDC=G1sk (permanente solai-coperture)	
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)	
4	Qsk	CDC=Qsk (variabile solai)	
5	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)
			partecipazione:1.00 per 4 CDC=Qsk (variabile solai)
			partecipazione:1.00 per 13 Permanenti platea
			partecipazione:0.80 per 14 Variabili platea
			partecipazione:1.00 per 15 Permanenti estrasagoma
			partecipazione:0.80 per 16 Variabili extrasagoma
			partecipazione:1.00 per 17 Portati copertura
			partecipazione:0.80 per 18 Neve
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
7	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
9	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
11	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
13	Gk	Permanenti platea	D3 :da 4700 a 5577 Azione : Permanente platea
14	Qk	Variabili platea	D3 :da 4700 a 5577 Azione : Variabili platea
15	Gk	Permanenti estrasagoma	D3 :da 6253 a 6363 Azione : Permanenti extrasagoma
16	Qk	Variabili extrasagoma	D3 :da 6253 a 6363 Azione : Variabili extrasagoma
17	Gk	Portati copertura	D3 : 1484 Azione : Permanenti copertura
			D3 : 1559 Azione : Permanenti copertura
			D3 : 1562 Azione : Permanenti copertura
			D3 :da 1566 a 1567 Azione : Permanenti copertura
			D3 :da 1570 a 1571 Azione : Permanenti copertura
			D3 :da 1586 a 1587 Azione : Permanenti copertura

CDC	Tipo	Sigla Id	Note
			D3 :da 1590 a 1591 Azione : Permanenti copertura
			D3 : 2656 Azione : Permanenti copertura
			D3 :da 2659 a 2660 Azione : Permanenti copertura
			D3 : 2663 Azione : Permanenti copertura
			D3 : 2680 Azione : Permanenti copertura
			D3 :da 2683 a 2684 Azione : Permanenti copertura
			D3 :da 2687 a 2688 Azione : Permanenti copertura
			D3 :da 2691 a 2692 Azione : Permanenti copertura
			D3 : 2695 Azione : Permanenti copertura
			D3 : 2720 Azione : Permanenti copertura
			D3 :da 2723 a 2724 Azione : Permanenti copertura
			D3 : 2727 Azione : Permanenti copertura
			D3 : 2812 Azione : Permanenti copertura
			D3 :da 2815 a 2816 Azione : Permanenti copertura
			D3 : 2819 Azione : Permanenti copertura
			D3 : 2844 Azione : Permanenti copertura
			D3 :da 2847 a 2848 Azione : Permanenti copertura
			D3 :da 2851 a 2852 Azione : Permanenti copertura
			D3 :da 2855 a 2856 Azione : Permanenti copertura
			D3 : 2859 Azione : Permanenti copertura
			D3 :da 3680 a 3683 Azione : Permanenti copertura
			D3 :da 3690 a 3693 Azione : Permanenti copertura
			D3 :da 3695 a 3696 Azione : Permanenti copertura
			D3 :da 3899 a 3900 Azione : Permanenti copertura
			D3 :da 3943 a 3944 Azione : Permanenti copertura
			D3 :da 4193 a 4194 Azione : Permanenti copertura
			D3 :da 4196 a 4197 Azione : Permanenti copertura
			D3 :da 6364 a 6873 Azione : Permanenti copertura
			D3 :da 6875 a 7215 Azione : Permanenti copertura
18	Qk	Neve	D3 : 1484 Azione : Neve copertura
			D3 : 1559 Azione : Neve copertura
			D3 : 1562 Azione : Neve copertura
			D3 :da 1566 a 1567 Azione : Neve copertura
			D3 :da 1570 a 1571 Azione : Neve copertura
			D3 :da 1586 a 1587 Azione : Neve copertura
			D3 :da 1590 a 1591 Azione : Neve copertura
			D3 : 2656 Azione : Neve copertura
			D3 :da 2659 a 2660 Azione : Neve copertura
			D3 : 2663 Azione : Neve copertura
			D3 : 2680 Azione : Neve copertura
			D3 :da 2683 a 2684 Azione : Neve copertura
			D3 :da 2687 a 2688 Azione : Neve copertura
			D3 :da 2691 a 2692 Azione : Neve copertura
			D3 : 2695 Azione : Neve copertura
			D3 : 2720 Azione : Neve copertura
			D3 :da 2723 a 2724 Azione : Neve copertura
			D3 : 2727 Azione : Neve copertura
			D3 : 2812 Azione : Neve copertura
			D3 :da 2815 a 2816 Azione : Neve copertura
			D3 : 2819 Azione : Neve copertura
			D3 : 2844 Azione : Neve copertura
			D3 :da 2847 a 2848 Azione : Neve copertura
			D3 :da 2851 a 2852 Azione : Neve copertura
			D3 :da 2855 a 2856 Azione : Neve copertura
			D3 : 2859 Azione : Neve copertura
			D3 :da 3680 a 3683 Azione : Neve copertura
			D3 :da 3690 a 3693 Azione : Neve copertura
			D3 :da 3695 a 3696 Azione : Neve copertura
			D3 :da 3899 a 3900 Azione : Neve copertura
			D3 :da 3943 a 3944 Azione : Neve copertura
			D3 :da 4193 a 4194 Azione : Neve copertura
			D3 :da 4196 a 4197 Azione : Neve copertura
			D3 :da 6364 a 6873 Azione : Neve copertura
			D3 :da 6875 a 7215 Azione : Neve copertura
19	Qvk	Vento +X	D3 : 1053 Azione : Vento +X da sinistra
			D3 : 1057 Azione : Vento +X da sinistra
			D3 : 1061 Azione : Vento +X da sinistra
			D3 : 1065 Azione : Vento +X da sinistra
			D3 : 1069 Azione : Vento +X da sinistra
			D3 : 1073 Azione : Vento +X da sinistra
			D3 : 1077 Azione : Vento +X da sinistra
			D3 :da 1162 a 1163 Azione : Vento +X da sinistra
			D3 : 1170 Azione : Vento +X da sinistra
			D3 :da 1234 a 1236 Azione : Vento -X da sinistra

CDC	Tipo	Sigla Id	Note
			D3 : 1238 Azione : Vento -X da sinistra
			D3 : 1242 Azione : Vento -X da sinistra
			D3 : 1263 Azione : Vento -X da sinistra
			D3 :da 1266 a 1267 Azione : Vento -X da sinistra
			D3 : 1270 Azione : Vento -X da sinistra
			D3 :da 1315 a 1316 Azione : Vento +X da sinistra
			D3 :da 1318 a 1320 Azione : Vento +X da sinistra
			D3 :da 1322 a 1324 Azione : Vento +X da sinistra
			D3 : 1326 Azione : Vento +X da sinistra
			D3 : 1328 Azione : Vento +X da sinistra
			D3 : 1332 Azione : Vento +X da sinistra
			D3 : 1336 Azione : Vento +X da sinistra
			D3 : 1340 Azione : Vento +X da sinistra
			D3 : 1344 Azione : Vento +X da sinistra
			D3 : 1348 Azione : Vento +X da sinistra
			D3 : 1352 Azione : Vento -X da sinistra
			D3 : 1356 Azione : Vento -X da sinistra
			D3 : 1360 Azione : Vento -X da sinistra
			D3 :da 1363 a 1364 Azione : Vento -X da sinistra
			D3 :da 1366 a 1368 Azione : Vento -X da sinistra
			D3 :da 1370 a 1372 Azione : Vento -X da sinistra
			D3 :da 1374 a 1375 Azione : Vento -X da sinistra
			D3 : 1380 Azione : Vento -X da sinistra
			D3 : 1384 Azione : Vento -X da sinistra
			D3 :da 1388 a 1389 Azione : Vento -X da sinistra
			D3 : 1393 Azione : Vento -X da sinistra
			D3 : 1397 Azione : Vento -X da sinistra
			D3 : 1401 Azione : Vento -X da sinistra
			D3 : 1405 Azione : Vento -X da sinistra
			D3 : 1409 Azione : Vento -X da sinistra
			D3 : 1413 Azione : Vento -X da sinistra
			D3 : 1489 Azione : Vento +X da sinistra
			D3 : 1493 Azione : Vento +X da sinistra
			D3 : 1497 Azione : Vento +X da sinistra
			D3 : 1501 Azione : Vento +X da sinistra
			D3 : 1505 Azione : Vento +X da sinistra
			D3 : 1509 Azione : Vento +X da sinistra
			D3 : 1535 Azione : Vento +X da sinistra
			D3 :da 1538 a 1539 Azione : Vento +X da sinistra
			D3 :da 1542 a 1543 Azione : Vento +X da sinistra
			D3 :da 1546 a 1547 Azione : Vento +X da sinistra
			D3 :da 1550 a 1551 Azione : Vento +X da sinistra
			D3 :da 1554 a 1555 Azione : Vento +X da sinistra
			D3 : 1558 Azione : Vento +X da sinistra
			D3 : 1578 Azione : Vento +X da sinistra
			D3 : 1601 Azione : Vento -X da sinistra
			D3 : 1605 Azione : Vento -X da sinistra
			D3 : 1609 Azione : Vento -X da sinistra
			D3 : 1613 Azione : Vento -X da sinistra
			D3 :da 1646 a 1647 Azione : Vento -X da sinistra
			D3 :da 1650 a 1651 Azione : Vento -X da sinistra
			D3 : 1654 Azione : Vento -X da sinistra
			D3 : 1657 Azione : Vento -X da sinistra
			D3 : 1661 Azione : Vento -X da sinistra
			D3 : 1665 Azione : Vento -X da sinistra
			D3 : 1669 Azione : Vento -X da sinistra
			D3 : 1673 Azione : Vento -X da sinistra
			D3 : 1675 Azione : Vento -X da sinistra
			D3 :da 1678 a 1679 Azione : Vento -X da sinistra
			D3 : 1682 Azione : Vento -X da sinistra
			D3 : 1727 Azione : Vento +X da sinistra
			D3 :da 1730 a 1731 Azione : Vento +X da sinistra
			D3 :da 1734 a 1735 Azione : Vento +X da sinistra
			D3 : 1738 Azione : Vento +X da sinistra
			D3 : 1775 Azione : Vento -X da sinistra
			D3 :da 1778 a 1779 Azione : Vento -X da sinistra
			D3 :da 1782 a 1783 Azione : Vento -X da sinistra
			D3 :da 1786 a 1787 Azione : Vento -X da sinistra
			D3 : 1850 Azione : Vento +X da sinistra
			D3 :da 1989 a 1992 Azione : Vento +X da sinistra
			D3 :da 2115 a 2134 Azione : Vento -X da sinistra
			D3 :da 2185 a 2200 Azione : Vento -X da sinistra
			D3 :da 2290 a 2302 Azione : Vento +X da sinistra
			D3 : 2304 Azione : Vento +X da sinistra

CDC	Tipo	Sigla Id	Note
			D3 :da 2307 a 2308 Azione : Vento +X da sinistra
			D3 : 2310 Azione : Vento +X da sinistra
			D3 : 2312 Azione : Vento +X da sinistra
			D3 :da 2315 a 2316 Azione : Vento +X da sinistra
			D3 : 2318 Azione : Vento +X da sinistra
			D3 : 2320 Azione : Vento +X da sinistra
			D3 : 2322 Azione : Vento +X da sinistra
			D3 : 2324 Azione : Vento +X da sinistra
			D3 :da 2410 a 2437 Azione : Vento -X da sinistra
			D3 : 2515 Azione : Vento -X da sinistra
			D3 : 2519 Azione : Vento -X da sinistra
			D3 : 2531 Azione : Vento +X da sinistra
			D3 : 2535 Azione : Vento +X da sinistra
			D3 :da 2740 a 2769 Azione : Vento +X da sinistra
			D3 :da 2772 a 2799 Azione : Vento +X da sinistra
			D3 : 3004 Azione : Vento +X da sinistra
			D3 : 3008 Azione : Vento +X da sinistra
			D3 : 3012 Azione : Vento -X da sinistra
			D3 : 3016 Azione : Vento -X da sinistra
			D3 : 3020 Azione : Vento -X da sinistra
			D3 : 3024 Azione : Vento -X da sinistra
			D3 :da 3100 a 3127 Azione : Vento -X da sinistra
			D3 :da 3200 a 3223 Azione : Vento +X da sinistra
			D3 :da 3312 a 3327 Azione : Vento -X da sinistra
			D3 :da 3368 a 3387 Azione : Vento -X da sinistra
			D3 :da 3504 a 3507 Azione : Vento +X da sinistra
			D3 :da 3582 a 3588 Azione : Vento -X da sinistra
			D3 :da 3607 a 3612 Azione : Vento +X da sinistra
			D3 :da 3635 a 3638 Azione : Vento -X da sinistra
			D3 :da 3649 a 3653 Azione : Vento -X da sinistra
			D3 : 3687 Azione : Vento +X da sinistra
			D3 :da 3697 a 3708 Azione : Vento +X da sinistra
			D3 :da 3784 a 3790 Azione : Vento -X da sinistra
			D3 :da 3809 a 3814 Azione : Vento +X da sinistra
			D3 :da 3837 a 3840 Azione : Vento -X da sinistra
			D3 :da 3851 a 3855 Azione : Vento -X da sinistra
			D3 : 3885 Azione : Vento +X da sinistra
			D3 :da 3888 a 3889 Azione : Vento +X da sinistra
			D3 :da 3907 a 3910 Azione : Vento -X da sinistra
			D3 :da 3911 a 3914 Azione : Vento +X da sinistra
			D3 :da 3917 a 3918 Azione : Vento -X da sinistra
			D3 :da 3929 a 3930 Azione : Vento +X da sinistra
			D3 :da 3959 a 3960 Azione : Vento +X da sinistra
			D3 :da 3971 a 3972 Azione : Vento -X da sinistra
			D3 :da 3975 a 3978 Azione : Vento +X da sinistra
			D3 :da 3979 a 3982 Azione : Vento -X da sinistra
			D3 :da 4000 a 4001 Azione : Vento +X da sinistra
			D3 : 4004 Azione : Vento +X da sinistra
			D3 :da 4034 a 4038 Azione : Vento -X da sinistra
			D3 :da 4049 a 4052 Azione : Vento -X da sinistra
			D3 :da 4075 a 4080 Azione : Vento +X da sinistra
			D3 :da 4099 a 4105 Azione : Vento -X da sinistra
			D3 :da 4181 a 4192 Azione : Vento +X da sinistra
			D3 : 4202 Azione : Vento +X da sinistra
			D3 :da 4236 a 4240 Azione : Vento -X da sinistra
			D3 :da 4251 a 4254 Azione : Vento -X da sinistra
			D3 :da 4277 a 4282 Azione : Vento +X da sinistra
			D3 :da 4301 a 4307 Azione : Vento -X da sinistra
			D3 :da 4382 a 4385 Azione : Vento +X da sinistra
			D3 :da 4502 a 4521 Azione : Vento -X da sinistra
			D3 :da 4562 a 4577 Azione : Vento -X da sinistra
			D3 :da 4666 a 4689 Azione : Vento +X da sinistra
			D3 :da 5640 a 5667 Azione : Vento -X da sinistra
			D3 :da 5970 a 5997 Azione : Vento +X da sinistra
			D3 :da 6043 a 6058 Azione : Vento -X da sinistra
			D3 : 6080 Azione : Vento -X da sinistra
			D3 : 6091 Azione : Vento -X da sinistra
			D3 :da 6099 a 6114 Azione : Vento +X da sinistra
			D3 :da 6116 a 6120 Azione : Vento +X da sinistra
			D3 : 6127 Azione : Vento +X da sinistra
			D3 :da 6133 a 6134 Azione : Vento -X da sinistra
			D3 : 6135 Azione : Vento +X da sinistra
			D3 :da 6136 a 6141 Azione : Vento -X da sinistra
			D3 : 6176 Azione : Vento -X da sinistra

CDC	Tipo	Sigla Id	Note
			D3 : 6177 Azione : Vento +X da sinistra
20	Qvk	Vento -X	D3 : 1053 Azione : Vento -X da destra
			D3 : 1057 Azione : Vento -X da destra
			D3 : 1061 Azione : Vento -X da destra
			D3 : 1065 Azione : Vento -X da destra
			D3 : 1069 Azione : Vento -X da destra
			D3 : 1073 Azione : Vento -X da destra
			D3 : 1077 Azione : Vento -X da destra
			D3 :da 1162 a 1163 Azione : Vento -X da destra
			D3 : 1170 Azione : Vento -X da destra
			D3 :da 1234 a 1236 Azione : Vento +X da destra
			D3 : 1238 Azione : Vento +X da destra
			D3 : 1242 Azione : Vento +X da destra
			D3 : 1263 Azione : Vento +X da destra
			D3 :da 1266 a 1267 Azione : Vento +X da destra
			D3 : 1270 Azione : Vento +X da destra
			D3 :da 1315 a 1316 Azione : Vento -X da destra
			D3 :da 1318 a 1320 Azione : Vento -X da destra
			D3 :da 1322 a 1324 Azione : Vento -X da destra
			D3 : 1326 Azione : Vento -X da destra
			D3 : 1328 Azione : Vento -X da destra
			D3 : 1332 Azione : Vento -X da destra
			D3 : 1336 Azione : Vento -X da destra
			D3 : 1340 Azione : Vento -X da destra
			D3 : 1344 Azione : Vento -X da destra
			D3 : 1348 Azione : Vento -X da destra
			D3 : 1352 Azione : Vento +X da destra
			D3 : 1356 Azione : Vento +X da destra
			D3 : 1360 Azione : Vento +X da destra
			D3 :da 1363 a 1364 Azione : Vento +X da destra
			D3 :da 1366 a 1368 Azione : Vento +X da destra
			D3 :da 1370 a 1372 Azione : Vento +X da destra
			D3 :da 1374 a 1375 Azione : Vento +X da destra
			D3 : 1380 Azione : Vento +X da destra
			D3 : 1384 Azione : Vento +X da destra
			D3 :da 1388 a 1389 Azione : Vento +X da destra
			D3 : 1393 Azione : Vento +X da destra
			D3 : 1397 Azione : Vento +X da destra
			D3 : 1401 Azione : Vento +X da destra
			D3 : 1405 Azione : Vento +X da destra
			D3 : 1409 Azione : Vento +X da destra
			D3 : 1413 Azione : Vento +X da destra
			D3 : 1489 Azione : Vento -X da destra
			D3 : 1493 Azione : Vento -X da destra
			D3 : 1497 Azione : Vento -X da destra
			D3 : 1501 Azione : Vento -X da destra
			D3 : 1505 Azione : Vento -X da destra
			D3 : 1509 Azione : Vento -X da destra
			D3 : 1535 Azione : Vento -X da destra
			D3 :da 1538 a 1539 Azione : Vento -X da destra
			D3 :da 1542 a 1543 Azione : Vento -X da destra
			D3 :da 1546 a 1547 Azione : Vento -X da destra
			D3 :da 1550 a 1551 Azione : Vento -X da destra
			D3 :da 1554 a 1555 Azione : Vento -X da destra
			D3 : 1558 Azione : Vento -X da destra
			D3 : 1578 Azione : Vento -X da destra
			D3 : 1601 Azione : Vento +X da destra
			D3 : 1605 Azione : Vento +X da destra
			D3 : 1609 Azione : Vento +X da destra
			D3 : 1613 Azione : Vento +X da destra
			D3 :da 1646 a 1647 Azione : Vento +X da destra
			D3 :da 1650 a 1651 Azione : Vento +X da destra
			D3 : 1654 Azione : Vento +X da destra
			D3 : 1657 Azione : Vento +X da destra
			D3 : 1661 Azione : Vento +X da destra
			D3 : 1665 Azione : Vento +X da destra
			D3 : 1669 Azione : Vento +X da destra
			D3 : 1673 Azione : Vento +X da destra
			D3 : 1675 Azione : Vento +X da destra
			D3 :da 1678 a 1679 Azione : Vento +X da destra
			D3 : 1682 Azione : Vento +X da destra
			D3 : 1727 Azione : Vento -X da destra
			D3 :da 1730 a 1731 Azione : Vento -X da destra
			D3 :da 1734 a 1735 Azione : Vento -X da destra

CDC	Tipo	Sigla Id	Note
			D3 : 1738 Azione : Vento -X da destra
			D3 : 1775 Azione : Vento +X da destra
			D3 :da 1778 a 1779 Azione : Vento +X da destra
			D3 :da 1782 a 1783 Azione : Vento +X da destra
			D3 :da 1786 a 1787 Azione : Vento +X da destra
			D3 : 1850 Azione : Vento -X da destra
			D3 :da 1989 a 1992 Azione : Vento -X da destra
			D3 :da 2115 a 2134 Azione : Vento +X da destra
			D3 :da 2185 a 2200 Azione : Vento +X da destra
			D3 :da 2290 a 2302 Azione : Vento -X da destra
			D3 : 2304 Azione : Vento -X da destra
			D3 :da 2307 a 2308 Azione : Vento -X da destra
			D3 : 2310 Azione : Vento -X da destra
			D3 : 2312 Azione : Vento -X da destra
			D3 :da 2315 a 2316 Azione : Vento -X da destra
			D3 : 2318 Azione : Vento -X da destra
			D3 : 2320 Azione : Vento -X da destra
			D3 : 2322 Azione : Vento -X da destra
			D3 : 2324 Azione : Vento -X da destra
			D3 :da 2410 a 2437 Azione : Vento +X da destra
			D3 : 2515 Azione : Vento +X da destra
			D3 : 2519 Azione : Vento +X da destra
			D3 : 2531 Azione : Vento -X da destra
			D3 : 2535 Azione : Vento -X da destra
			D3 :da 2740 a 2769 Azione : Vento -X da destra
			D3 :da 2772 a 2799 Azione : Vento -X da destra
			D3 : 3004 Azione : Vento -X da destra
			D3 : 3008 Azione : Vento -X da destra
			D3 : 3012 Azione : Vento +X da destra
			D3 : 3016 Azione : Vento +X da destra
			D3 : 3020 Azione : Vento +X da destra
			D3 : 3024 Azione : Vento +X da destra
			D3 :da 3100 a 3127 Azione : Vento +X da destra
			D3 :da 3200 a 3223 Azione : Vento -X da destra
			D3 :da 3312 a 3327 Azione : Vento +X da destra
			D3 :da 3368 a 3387 Azione : Vento +X da destra
			D3 :da 3504 a 3507 Azione : Vento -X da destra
			D3 :da 3582 a 3588 Azione : Vento +X da destra
			D3 :da 3607 a 3612 Azione : Vento -X da destra
			D3 :da 3635 a 3638 Azione : Vento +X da destra
			D3 :da 3649 a 3653 Azione : Vento +X da destra
			D3 : 3687 Azione : Vento -X da destra
			D3 :da 3697 a 3708 Azione : Vento -X da destra
			D3 :da 3784 a 3790 Azione : Vento +X da destra
			D3 :da 3809 a 3814 Azione : Vento -X da destra
			D3 :da 3837 a 3840 Azione : Vento +X da destra
			D3 :da 3851 a 3855 Azione : Vento +X da destra
			D3 : 3885 Azione : Vento -X da destra
			D3 :da 3888 a 3889 Azione : Vento -X da destra
			D3 :da 3907 a 3910 Azione : Vento +X da destra
			D3 :da 3911 a 3914 Azione : Vento -X da destra
			D3 :da 3917 a 3918 Azione : Vento +X da destra
			D3 :da 3929 a 3930 Azione : Vento -X da destra
			D3 :da 3959 a 3960 Azione : Vento -X da destra
			D3 :da 3971 a 3972 Azione : Vento +X da destra
			D3 :da 3975 a 3978 Azione : Vento -X da destra
			D3 :da 3979 a 3982 Azione : Vento +X da destra
			D3 :da 4000 a 4001 Azione : Vento -X da destra
			D3 : 4004 Azione : Vento -X da destra
			D3 :da 4034 a 4038 Azione : Vento +X da destra
			D3 :da 4049 a 4052 Azione : Vento +X da destra
			D3 :da 4075 a 4080 Azione : Vento -X da destra
			D3 :da 4099 a 4105 Azione : Vento +X da destra
			D3 :da 4181 a 4192 Azione : Vento -X da destra
			D3 : 4202 Azione : Vento -X da destra
			D3 :da 4236 a 4240 Azione : Vento +X da destra
			D3 :da 4251 a 4254 Azione : Vento +X da destra
			D3 :da 4277 a 4282 Azione : Vento -X da destra
			D3 :da 4301 a 4307 Azione : Vento +X da destra
			D3 :da 4382 a 4385 Azione : Vento -X da destra
			D3 :da 4502 a 4521 Azione : Vento +X da destra
			D3 :da 4562 a 4577 Azione : Vento +X da destra
			D3 :da 4666 a 4689 Azione : Vento -X da destra
			D3 :da 5640 a 5667 Azione : Vento +X da destra

CDC	Tipo	Sigla Id	Note
			D3 :da 5970 a 5997 Azione : Vento -X da destra
			D3 :da 6043 a 6058 Azione : Vento +X da destra
			D3 : 6080 Azione : Vento +X da destra
			D3 : 6091 Azione : Vento +X da destra
			D3 :da 6099 a 6114 Azione : Vento -X da destra
			D3 :da 6116 a 6120 Azione : Vento -X da destra
			D3 : 6127 Azione : Vento -X da destra
			D3 :da 6133 a 6134 Azione : Vento +X da destra
			D3 : 6135 Azione : Vento -X da destra
			D3 :da 6136 a 6141 Azione : Vento +X da destra
			D3 : 6176 Azione : Vento +X da destra
			D3 : 6177 Azione : Vento -X da destra
21	Qvk	Vento +Y	D3 : 1052 Azione : Vento +Y dal basso
			D3 : 1056 Azione : Vento +Y dal basso
			D3 : 1081 Azione : Vento -Y dal basso
			D3 : 1085 Azione : Vento -Y dal basso
			D3 : 1089 Azione : Vento -Y dal basso
			D3 : 1093 Azione : Vento -Y dal basso
			D3 : 1097 Azione : Vento -Y dal basso
			D3 : 1101 Azione : Vento -Y dal basso
			D3 : 1105 Azione : Vento -Y dal basso
			D3 : 1109 Azione : Vento -Y dal basso
			D3 : 1113 Azione : Vento -Y dal basso
			D3 : 1117 Azione : Vento -Y dal basso
			D3 : 1121 Azione : Vento -Y dal basso
			D3 : 1125 Azione : Vento -Y dal basso
			D3 : 1129 Azione : Vento -Y dal basso
			D3 : 1133 Azione : Vento -Y dal basso
			D3 : 1137 Azione : Vento -Y dal basso
			D3 : 1141 Azione : Vento -Y dal basso
			D3 : 1143 Azione : Vento -Y dal basso
			D3 :da 1145 a 1147 Azione : Vento -Y dal basso
			D3 :da 1149 a 1151 Azione : Vento -Y dal basso
			D3 :da 1153 a 1155 Azione : Vento -Y dal basso
			D3 :da 1157 a 1159 Azione : Vento -Y dal basso
			D3 : 1160 Azione : Vento +Y dal basso
			D3 : 1161 Azione : Vento -Y dal basso
			D3 : 1165 Azione : Vento -Y dal basso
			D3 : 1167 Azione : Vento +Y dal basso
			D3 : 1169 Azione : Vento -Y dal basso
			D3 : 1171 Azione : Vento +Y dal basso
			D3 : 1173 Azione : Vento -Y dal basso
			D3 :da 1174 a 1175 Azione : Vento +Y dal basso
			D3 :da 1178 a 1179 Azione : Vento +Y dal basso
			D3 :da 1182 a 1183 Azione : Vento +Y dal basso
			D3 :da 1186 a 1187 Azione : Vento +Y dal basso
			D3 :da 1190 a 1191 Azione : Vento +Y dal basso
			D3 :da 1194 a 1195 Azione : Vento +Y dal basso
			D3 :da 1198 a 1199 Azione : Vento +Y dal basso
			D3 :da 1202 a 1203 Azione : Vento +Y dal basso
			D3 :da 1206 a 1207 Azione : Vento +Y dal basso
			D3 :da 1213 a 1214 Azione : Vento +Y dal basso
			D3 :da 1217 a 1219 Azione : Vento +Y dal basso
			D3 : 1221 Azione : Vento +Y dal basso
			D3 : 1225 Azione : Vento +Y dal basso
			D3 : 1229 Azione : Vento +Y dal basso
			D3 : 1233 Azione : Vento +Y dal basso
			D3 : 1271 Azione : Vento +Y dal basso
			D3 :da 1274 a 1275 Azione : Vento +Y dal basso
			D3 :da 1278 a 1279 Azione : Vento +Y dal basso
			D3 : 1287 Azione : Vento +Y dal basso
			D3 :da 1290 a 1291 Azione : Vento +Y dal basso
			D3 :da 1294 a 1295 Azione : Vento +Y dal basso
			D3 :da 1297 a 1298 Azione : Vento +Y dal basso
			D3 : 1313 Azione : Vento +Y dal basso
			D3 : 1317 Azione : Vento +Y dal basso
			D3 : 1321 Azione : Vento +Y dal basso
			D3 : 1325 Azione : Vento +Y dal basso
			D3 : 1329 Azione : Vento +Y dal basso
			D3 : 1407 Azione : Vento +Y dal basso
			D3 : 1410 Azione : Vento +Y dal basso
			D3 :da 1414 a 1415 Azione : Vento +Y dal basso
			D3 : 1423 Azione : Vento +Y dal basso
			D3 :da 1426 a 1427 Azione : Vento +Y dal basso

CDC	Tipo	Sigla Id	Note
			D3 : 1448 Azione : Vento +Y dal basso
			D3 : 1456 Azione : Vento +Y dal basso
			D3 : 1459 Azione : Vento +Y dal basso
			D3 :da 1462 a 1464 Azione : Vento +Y dal basso
			D3 :da 1466 a 1468 Azione : Vento +Y dal basso
			D3 : 1470 Azione : Vento +Y dal basso
			D3 : 1472 Azione : Vento +Y dal basso
			D3 : 1476 Azione : Vento +Y dal basso
			D3 : 1480 Azione : Vento +Y dal basso
			D3 : 1487 Azione : Vento -Y dal basso
			D3 :da 1490 a 1491 Azione : Vento -Y dal basso
			D3 :da 1494 a 1495 Azione : Vento -Y dal basso
			D3 :da 1498 a 1499 Azione : Vento -Y dal basso
			D3 :da 1502 a 1503 Azione : Vento -Y dal basso
			D3 :da 1506 a 1507 Azione : Vento -Y dal basso
			D3 :da 1510 a 1511 Azione : Vento -Y dal basso
			D3 :da 1514 a 1515 Azione : Vento -Y dal basso
			D3 :da 1518 a 1519 Azione : Vento -Y dal basso
			D3 :da 1522 a 1523 Azione : Vento -Y dal basso
			D3 :da 1526 a 1527 Azione : Vento -Y dal basso
			D3 :da 1530 a 1531 Azione : Vento -Y dal basso
			D3 : 1534 Azione : Vento -Y dal basso
			D3 : 1545 Azione : Vento +Y dal basso
			D3 : 1549 Azione : Vento +Y dal basso
			D3 : 1553 Azione : Vento +Y dal basso
			D3 : 1557 Azione : Vento +Y dal basso
			D3 : 1561 Azione : Vento +Y dal basso
			D3 : 1563 Azione : Vento -Y dal basso
			D3 : 1565 Azione : Vento +Y dal basso
			D3 : 1572 Azione : Vento +Y dal basso
			D3 : 1575 Azione : Vento +Y dal basso
			D3 : 1579 Azione : Vento +Y dal basso
			D3 :da 1581 a 1583 Azione : Vento +Y dal basso
			D3 : 1585 Azione : Vento +Y dal basso
			D3 : 1589 Azione : Vento +Y dal basso
			D3 :da 1593 a 1595 Azione : Vento +Y dal basso
			D3 :da 1597 a 1599 Azione : Vento +Y dal basso
			D3 :da 1602 a 1603 Azione : Vento +Y dal basso
			D3 :da 1606 a 1608 Azione : Vento +Y dal basso
			D3 :da 1610 a 1612 Azione : Vento +Y dal basso
			D3 :da 1614 a 1616 Azione : Vento +Y dal basso
			D3 :da 1618 a 1620 Azione : Vento +Y dal basso
			D3 :da 1622 a 1623 Azione : Vento +Y dal basso
			D3 : 1624 Azione : Vento -Y dal basso
			D3 : 1626 Azione : Vento +Y dal basso
			D3 : 1628 Azione : Vento -Y dal basso
			D3 :da 1630 a 1631 Azione : Vento +Y dal basso
			D3 : 1632 Azione : Vento -Y dal basso
			D3 : 1636 Azione : Vento -Y dal basso
			D3 : 1640 Azione : Vento -Y dal basso
			D3 : 1644 Azione : Vento -Y dal basso
			D3 : 1648 Azione : Vento -Y dal basso
			D3 : 1652 Azione : Vento -Y dal basso
			D3 : 1656 Azione : Vento -Y dal basso
			D3 : 1660 Azione : Vento -Y dal basso
			D3 : 1664 Azione : Vento -Y dal basso
			D3 : 1668 Azione : Vento -Y dal basso
			D3 : 1672 Azione : Vento -Y dal basso
			D3 : 1676 Azione : Vento -Y dal basso
			D3 : 1680 Azione : Vento -Y dal basso
			D3 : 1683 Azione : Vento +Y dal basso
			D3 : 1684 Azione : Vento -Y dal basso
			D3 :da 1686 a 1687 Azione : Vento +Y dal basso
			D3 : 1688 Azione : Vento -Y dal basso
			D3 :da 1690 a 1691 Azione : Vento +Y dal basso
			D3 : 1692 Azione : Vento -Y dal basso
			D3 : 1696 Azione : Vento -Y dal basso
			D3 :da 1699 a 1700 Azione : Vento +Y dal basso
			D3 : 1701 Azione : Vento -Y dal basso
			D3 : 1702 Azione : Vento +Y dal basso
			D3 : 1703 Azione : Vento -Y dal basso
			D3 : 1704 Azione : Vento +Y dal basso
			D3 : 1705 Azione : Vento -Y dal basso
			D3 : 1706 Azione : Vento +Y dal basso

CDC	Tipo	Sigla Id	Note
			D3 :da 1707 a 1708 Azione : Vento -Y dal basso
			D3 : 1710 Azione : Vento +Y dal basso
			D3 : 1712 Azione : Vento -Y dal basso
			D3 : 1713 Azione : Vento +Y dal basso
			D3 : 1716 Azione : Vento -Y dal basso
			D3 : 1717 Azione : Vento +Y dal basso
			D3 : 1720 Azione : Vento -Y dal basso
			D3 : 1721 Azione : Vento +Y dal basso
			D3 : 1724 Azione : Vento -Y dal basso
			D3 : 1725 Azione : Vento +Y dal basso
			D3 : 1728 Azione : Vento -Y dal basso
			D3 : 1729 Azione : Vento +Y dal basso
			D3 : 1732 Azione : Vento -Y dal basso
			D3 : 1733 Azione : Vento +Y dal basso
			D3 : 1736 Azione : Vento -Y dal basso
			D3 : 1737 Azione : Vento +Y dal basso
			D3 : 1740 Azione : Vento -Y dal basso
			D3 : 1741 Azione : Vento +Y dal basso
			D3 : 1744 Azione : Vento -Y dal basso
			D3 : 1745 Azione : Vento +Y dal basso
			D3 : 1748 Azione : Vento -Y dal basso
			D3 : 1749 Azione : Vento +Y dal basso
			D3 : 1752 Azione : Vento -Y dal basso
			D3 : 1753 Azione : Vento +Y dal basso
			D3 : 1756 Azione : Vento -Y dal basso
			D3 : 1757 Azione : Vento +Y dal basso
			D3 : 1760 Azione : Vento -Y dal basso
			D3 : 1761 Azione : Vento +Y dal basso
			D3 : 1764 Azione : Vento -Y dal basso
			D3 : 1765 Azione : Vento +Y dal basso
			D3 : 1768 Azione : Vento -Y dal basso
			D3 : 1769 Azione : Vento +Y dal basso
			D3 : 1772 Azione : Vento -Y dal basso
			D3 : 1773 Azione : Vento +Y dal basso
			D3 : 1776 Azione : Vento -Y dal basso
			D3 : 1777 Azione : Vento +Y dal basso
			D3 : 1780 Azione : Vento -Y dal basso
			D3 : 1781 Azione : Vento +Y dal basso
			D3 : 1784 Azione : Vento -Y dal basso
			D3 : 1785 Azione : Vento +Y dal basso
			D3 : 1788 Azione : Vento -Y dal basso
			D3 : 1789 Azione : Vento +Y dal basso
			D3 : 1849 Azione : Vento -Y dal basso
			D3 : 1879 Azione : Vento -Y dal basso
			D3 : 1880 Azione : Vento +Y dal basso
			D3 : 1891 Azione : Vento -Y dal basso
			D3 :da 1930 a 1934 Azione : Vento +Y dal basso
			D3 :da 1948 a 1953 Azione : Vento +Y dal basso
			D3 : 1961 Azione : Vento -Y dal basso
			D3 :da 1963 a 1980 Azione : Vento -Y dal basso
			D3 :da 1985 a 1988 Azione : Vento +Y dal basso
			D3 :da 1993 a 2063 Azione : Vento +Y dal basso
			D3 : 2064 Azione : Vento -Y dal basso
			D3 :da 2065 a 2073 Azione : Vento +Y dal basso
			D3 :da 2078 a 2081 Azione : Vento +Y dal basso
			D3 :da 2093 a 2096 Azione : Vento -Y dal basso
			D3 : 2097 Azione : Vento +Y dal basso
			D3 : 2163 Azione : Vento +Y dal basso
			D3 :da 2165 a 2173 Azione : Vento +Y dal basso
			D3 :da 2201 a 2220 Azione : Vento +Y dal basso
			D3 :da 2233 a 2256 Azione : Vento +Y dal basso
			D3 : 2266 Azione : Vento +Y dal basso
			D3 : 2303 Azione : Vento +Y dal basso
			D3 :da 2305 a 2306 Azione : Vento +Y dal basso
			D3 : 2309 Azione : Vento +Y dal basso
			D3 : 2311 Azione : Vento +Y dal basso
			D3 :da 2313 a 2314 Azione : Vento +Y dal basso
			D3 : 2317 Azione : Vento +Y dal basso
			D3 : 2319 Azione : Vento +Y dal basso
			D3 : 2321 Azione : Vento +Y dal basso
			D3 : 2323 Azione : Vento +Y dal basso
			D3 : 2325 Azione : Vento +Y dal basso
			D3 : 2327 Azione : Vento +Y dal basso
			D3 : 2329 Azione : Vento +Y dal basso

CDC	Tipo	Sigla Id	Note
			D3 : 2331 Azione : Vento +Y dal basso
			D3 : 2333 Azione : Vento +Y dal basso
			D3 : 2335 Azione : Vento +Y dal basso
			D3 : 2337 Azione : Vento +Y dal basso
			D3 : 2339 Azione : Vento +Y dal basso
			D3 :da 2341 a 2342 Azione : Vento +Y dal basso
			D3 :da 2345 a 2347 Azione : Vento +Y dal basso
			D3 :da 2588 a 2611 Azione : Vento +Y dal basso
			D3 :da 2644 a 2655 Azione : Vento -Y dal basso
			D3 :da 2657 a 2658 Azione : Vento -Y dal basso
			D3 :da 2661 a 2662 Azione : Vento -Y dal basso
			D3 :da 2664 a 2679 Azione : Vento -Y dal basso
			D3 :da 2681 a 2682 Azione : Vento -Y dal basso
			D3 :da 2685 a 2686 Azione : Vento -Y dal basso
			D3 :da 2689 a 2690 Azione : Vento -Y dal basso
			D3 :da 2693 a 2694 Azione : Vento -Y dal basso
			D3 :da 2696 a 2719 Azione : Vento -Y dal basso
			D3 :da 2721 a 2722 Azione : Vento -Y dal basso
			D3 :da 2725 a 2726 Azione : Vento -Y dal basso
			D3 :da 2728 a 2739 Azione : Vento -Y dal basso
			D3 :da 2800 a 2811 Azione : Vento -Y dal basso
			D3 :da 2813 a 2814 Azione : Vento -Y dal basso
			D3 :da 2817 a 2818 Azione : Vento -Y dal basso
			D3 :da 2820 a 2843 Azione : Vento -Y dal basso
			D3 :da 2845 a 2846 Azione : Vento -Y dal basso
			D3 :da 2849 a 2850 Azione : Vento -Y dal basso
			D3 :da 2853 a 2854 Azione : Vento -Y dal basso
			D3 :da 2857 a 2858 Azione : Vento -Y dal basso
			D3 :da 2860 a 2879 Azione : Vento -Y dal basso
			D3 :da 2881 a 2882 Azione : Vento -Y dal basso
			D3 :da 2884 a 2895 Azione : Vento -Y dal basso
			D3 :da 2928 a 2951 Azione : Vento +Y dal basso
			D3 : 3028 Azione : Vento -Y dal basso
			D3 : 3032 Azione : Vento -Y dal basso
			D3 :da 3256 a 3279 Azione : Vento +Y dal basso
			D3 :da 3292 a 3311 Azione : Vento +Y dal basso
			D3 :da 3416 a 3419 Azione : Vento +Y dal basso
			D3 :da 3424 a 3503 Azione : Vento +Y dal basso
			D3 :da 3508 a 3511 Azione : Vento +Y dal basso
			D3 :da 3516 a 3530 Azione : Vento -Y dal basso
			D3 :da 3539 a 3544 Azione : Vento +Y dal basso
			D3 :da 3558 a 3562 Azione : Vento +Y dal basso
			D3 :da 3621 a 3626 Azione : Vento +Y dal basso
			D3 :da 3630 a 3634 Azione : Vento +Y dal basso
			D3 :da 3660 a 3661 Azione : Vento +Y dal basso
			D3 :da 3663 a 3679 Azione : Vento +Y dal basso
			D3 :da 3684 a 3686 Azione : Vento +Y dal basso
			D3 : 3688 Azione : Vento +Y dal basso
			D3 : 3694 Azione : Vento -Y dal basso
			D3 :da 3709 a 3732 Azione : Vento -Y dal basso
			D3 :da 3741 a 3746 Azione : Vento +Y dal basso
			D3 :da 3760 a 3762 Azione : Vento +Y dal basso
			D3 :da 3823 a 3828 Azione : Vento +Y dal basso
			D3 :da 3832 a 3836 Azione : Vento +Y dal basso
			D3 :da 3862 a 3863 Azione : Vento +Y dal basso
			D3 :da 3865 a 3884 Azione : Vento +Y dal basso
			D3 : 3886 Azione : Vento +Y dal basso
			D3 :da 3890 a 3898 Azione : Vento -Y dal basso
			D3 :da 3905 a 3906 Azione : Vento -Y dal basso
			D3 :da 3923 a 3926 Azione : Vento +Y dal basso
			D3 :da 3963 a 3966 Azione : Vento +Y dal basso
			D3 :da 3983 a 3984 Azione : Vento -Y dal basso
			D3 :da 3987 a 3988 Azione : Vento +Y dal basso
			D3 :da 3991 a 3999 Azione : Vento -Y dal basso
			D3 : 4003 Azione : Vento +Y dal basso
			D3 :da 4005 a 4024 Azione : Vento +Y dal basso
			D3 :da 4026 a 4027 Azione : Vento +Y dal basso
			D3 :da 4053 a 4057 Azione : Vento +Y dal basso
			D3 :da 4061 a 4066 Azione : Vento +Y dal basso
			D3 :da 4127 a 4129 Azione : Vento +Y dal basso
			D3 :da 4143 a 4148 Azione : Vento +Y dal basso
			D3 :da 4157 a 4180 Azione : Vento -Y dal basso
			D3 : 4195 Azione : Vento -Y dal basso
			D3 : 4201 Azione : Vento +Y dal basso

CDC	Tipo	Sigla Id	Note
			D3 :da 4203 a 4205 Azione : Vento +Y dal basso
			D3 :da 4210 a 4226 Azione : Vento +Y dal basso
			D3 :da 4228 a 4229 Azione : Vento +Y dal basso
			D3 :da 4255 a 4259 Azione : Vento +Y dal basso
			D3 :da 4263 a 4268 Azione : Vento +Y dal basso
			D3 :da 4327 a 4331 Azione : Vento +Y dal basso
			D3 :da 4345 a 4350 Azione : Vento +Y dal basso
			D3 :da 4359 a 4373 Azione : Vento -Y dal basso
			D3 :da 4378 a 4381 Azione : Vento +Y dal basso
			D3 :da 4386 a 4465 Azione : Vento +Y dal basso
			D3 :da 4470 a 4473 Azione : Vento +Y dal basso
			D3 :da 4578 a 4597 Azione : Vento +Y dal basso
			D3 :da 4610 a 4633 Azione : Vento +Y dal basso
			D3 : 5695 Azione : Vento +Y dal basso
			D3 : 5726 Azione : Vento +Y dal basso
			D3 :da 5818 a 5841 Azione : Vento +Y dal basso
			D3 :da 5874 a 5885 Azione : Vento -Y dal basso
			D3 : 5886 Azione : Vento +Y dal basso
			D3 :da 5887 a 5888 Azione : Vento -Y dal basso
			D3 :da 5889 a 5890 Azione : Vento +Y dal basso
			D3 :da 5891 a 5892 Azione : Vento -Y dal basso
			D3 : 5893 Azione : Vento +Y dal basso
			D3 :da 5894 a 5909 Azione : Vento -Y dal basso
			D3 :da 5911 a 5912 Azione : Vento -Y dal basso
			D3 :da 5915 a 5916 Azione : Vento -Y dal basso
			D3 :da 5919 a 5920 Azione : Vento -Y dal basso
			D3 :da 5923 a 5924 Azione : Vento -Y dal basso
			D3 :da 5926 a 5949 Azione : Vento -Y dal basso
			D3 :da 5951 a 5952 Azione : Vento -Y dal basso
			D3 :da 5955 a 5956 Azione : Vento -Y dal basso
			D3 :da 5958 a 5969 Azione : Vento -Y dal basso
			D3 : 6018 Azione : Vento +Y dal basso
			D3 :da 6026 a 6042 Azione : Vento +Y dal basso
			D3 :da 6142 a 6150 Azione : Vento +Y dal basso
			D3 :da 6160 a 6175 Azione : Vento +Y dal basso
			D3 :da 6179 a 6209 Azione : Vento -Y dal basso
			D3 :da 6220 a 6222 Azione : Vento -Y dal basso
			D3 :da 6224 a 6225 Azione : Vento -Y dal basso
			D3 : 6874 Azione : Vento -Y dal basso
22	Qvk	Vento -Y	D3 : 1052 Azione : Vento-Y dall'alto
			D3 : 1056 Azione : Vento-Y dall'alto
			D3 : 1081 Azione : Vento +Y dall'alto
			D3 : 1085 Azione : Vento +Y dall'alto
			D3 : 1089 Azione : Vento +Y dall'alto
			D3 : 1093 Azione : Vento +Y dall'alto
			D3 : 1097 Azione : Vento +Y dall'alto
			D3 : 1101 Azione : Vento +Y dall'alto
			D3 : 1105 Azione : Vento +Y dall'alto
			D3 : 1109 Azione : Vento +Y dall'alto
			D3 : 1113 Azione : Vento +Y dall'alto
			D3 : 1117 Azione : Vento +Y dall'alto
			D3 : 1121 Azione : Vento +Y dall'alto
			D3 : 1125 Azione : Vento +Y dall'alto
			D3 : 1129 Azione : Vento +Y dall'alto
			D3 : 1133 Azione : Vento +Y dall'alto
			D3 : 1137 Azione : Vento +Y dall'alto
			D3 : 1141 Azione : Vento +Y dall'alto
			D3 : 1143 Azione : Vento +Y dall'alto
			D3 :da 1145 a 1147 Azione : Vento +Y dall'alto
			D3 :da 1149 a 1151 Azione : Vento +Y dall'alto
			D3 :da 1153 a 1155 Azione : Vento +Y dall'alto
			D3 :da 1157 a 1159 Azione : Vento +Y dall'alto
			D3 : 1160 Azione : Vento-Y dall'alto
			D3 : 1161 Azione : Vento +Y dall'alto
			D3 : 1165 Azione : Vento +Y dall'alto
			D3 : 1167 Azione : Vento-Y dall'alto
			D3 : 1169 Azione : Vento +Y dall'alto
			D3 : 1171 Azione : Vento-Y dall'alto
			D3 : 1173 Azione : Vento +Y dall'alto
			D3 :da 1174 a 1175 Azione : Vento-Y dall'alto
			D3 :da 1178 a 1179 Azione : Vento-Y dall'alto
			D3 :da 1182 a 1183 Azione : Vento-Y dall'alto
			D3 :da 1186 a 1187 Azione : Vento-Y dall'alto
			D3 :da 1190 a 1191 Azione : Vento-Y dall'alto

CDC	Tipo	Sigla Id	Note
			D3 :da 1194 a 1195 Azione : Vento-Y dall'alto
			D3 :da 1198 a 1199 Azione : Vento-Y dall'alto
			D3 :da 1202 a 1203 Azione : Vento-Y dall'alto
			D3 :da 1206 a 1207 Azione : Vento-Y dall'alto
			D3 :da 1213 a 1214 Azione : Vento-Y dall'alto
			D3 :da 1217 a 1219 Azione : Vento-Y dall'alto
			D3 : 1221 Azione : Vento-Y dall'alto
			D3 : 1225 Azione : Vento-Y dall'alto
			D3 : 1229 Azione : Vento-Y dall'alto
			D3 : 1233 Azione : Vento-Y dall'alto
			D3 : 1271 Azione : Vento-Y dall'alto
			D3 :da 1274 a 1275 Azione : Vento-Y dall'alto
			D3 :da 1278 a 1279 Azione : Vento-Y dall'alto
			D3 : 1287 Azione : Vento-Y dall'alto
			D3 :da 1290 a 1291 Azione : Vento-Y dall'alto
			D3 :da 1294 a 1295 Azione : Vento-Y dall'alto
			D3 :da 1297 a 1298 Azione : Vento-Y dall'alto
			D3 : 1313 Azione : Vento-Y dall'alto
			D3 : 1317 Azione : Vento-Y dall'alto
			D3 : 1321 Azione : Vento-Y dall'alto
			D3 : 1325 Azione : Vento-Y dall'alto
			D3 : 1329 Azione : Vento-Y dall'alto
			D3 : 1407 Azione : Vento-Y dall'alto
			D3 : 1410 Azione : Vento-Y dall'alto
			D3 :da 1414 a 1415 Azione : Vento-Y dall'alto
			D3 : 1423 Azione : Vento-Y dall'alto
			D3 :da 1426 a 1427 Azione : Vento-Y dall'alto
			D3 : 1448 Azione : Vento-Y dall'alto
			D3 : 1456 Azione : Vento-Y dall'alto
			D3 : 1459 Azione : Vento-Y dall'alto
			D3 :da 1462 a 1464 Azione : Vento-Y dall'alto
			D3 :da 1466 a 1468 Azione : Vento-Y dall'alto
			D3 : 1470 Azione : Vento-Y dall'alto
			D3 : 1472 Azione : Vento-Y dall'alto
			D3 : 1476 Azione : Vento-Y dall'alto
			D3 : 1480 Azione : Vento-Y dall'alto
			D3 : 1487 Azione : Vento +Y dall'alto
			D3 :da 1490 a 1491 Azione : Vento +Y dall'alto
			D3 :da 1494 a 1495 Azione : Vento +Y dall'alto
			D3 :da 1498 a 1499 Azione : Vento +Y dall'alto
			D3 :da 1502 a 1503 Azione : Vento +Y dall'alto
			D3 :da 1506 a 1507 Azione : Vento +Y dall'alto
			D3 :da 1510 a 1511 Azione : Vento +Y dall'alto
			D3 :da 1514 a 1515 Azione : Vento +Y dall'alto
			D3 :da 1518 a 1519 Azione : Vento +Y dall'alto
			D3 :da 1522 a 1523 Azione : Vento +Y dall'alto
			D3 :da 1526 a 1527 Azione : Vento +Y dall'alto
			D3 :da 1530 a 1531 Azione : Vento +Y dall'alto
			D3 : 1534 Azione : Vento +Y dall'alto
			D3 : 1545 Azione : Vento-Y dall'alto
			D3 : 1549 Azione : Vento-Y dall'alto
			D3 : 1553 Azione : Vento-Y dall'alto
			D3 : 1557 Azione : Vento-Y dall'alto
			D3 : 1561 Azione : Vento-Y dall'alto
			D3 : 1563 Azione : Vento +Y dall'alto
			D3 : 1565 Azione : Vento-Y dall'alto
			D3 : 1572 Azione : Vento-Y dall'alto
			D3 : 1575 Azione : Vento-Y dall'alto
			D3 : 1579 Azione : Vento-Y dall'alto
			D3 :da 1581 a 1583 Azione : Vento-Y dall'alto
			D3 : 1585 Azione : Vento-Y dall'alto
			D3 : 1589 Azione : Vento-Y dall'alto
			D3 :da 1593 a 1595 Azione : Vento-Y dall'alto
			D3 :da 1597 a 1599 Azione : Vento-Y dall'alto
			D3 :da 1602 a 1603 Azione : Vento-Y dall'alto
			D3 :da 1606 a 1608 Azione : Vento-Y dall'alto
			D3 :da 1610 a 1612 Azione : Vento-Y dall'alto
			D3 :da 1614 a 1616 Azione : Vento-Y dall'alto
			D3 :da 1618 a 1620 Azione : Vento-Y dall'alto
			D3 :da 1622 a 1623 Azione : Vento-Y dall'alto
			D3 : 1624 Azione : Vento +Y dall'alto
			D3 : 1626 Azione : Vento-Y dall'alto
			D3 : 1628 Azione : Vento +Y dall'alto
			D3 :da 1630 a 1631 Azione : Vento-Y dall'alto

CDC	Tipo	Sigla Id	Note
			D3 : 1632 Azione : Vento +Y dall'alto
			D3 : 1636 Azione : Vento +Y dall'alto
			D3 : 1640 Azione : Vento +Y dall'alto
			D3 : 1644 Azione : Vento +Y dall'alto
			D3 : 1648 Azione : Vento +Y dall'alto
			D3 : 1652 Azione : Vento +Y dall'alto
			D3 : 1656 Azione : Vento +Y dall'alto
			D3 : 1660 Azione : Vento +Y dall'alto
			D3 : 1664 Azione : Vento +Y dall'alto
			D3 : 1668 Azione : Vento +Y dall'alto
			D3 : 1672 Azione : Vento +Y dall'alto
			D3 : 1676 Azione : Vento +Y dall'alto
			D3 : 1680 Azione : Vento +Y dall'alto
			D3 : 1683 Azione : Vento-Y dall'alto
			D3 : 1684 Azione : Vento +Y dall'alto
			D3 :da 1686 a 1687 Azione : Vento-Y dall'alto
			D3 : 1688 Azione : Vento +Y dall'alto
			D3 :da 1690 a 1691 Azione : Vento-Y dall'alto
			D3 : 1692 Azione : Vento +Y dall'alto
			D3 : 1696 Azione : Vento +Y dall'alto
			D3 :da 1699 a 1700 Azione : Vento-Y dall'alto
			D3 : 1701 Azione : Vento +Y dall'alto
			D3 : 1702 Azione : Vento-Y dall'alto
			D3 : 1703 Azione : Vento +Y dall'alto
			D3 : 1704 Azione : Vento-Y dall'alto
			D3 : 1705 Azione : Vento +Y dall'alto
			D3 : 1706 Azione : Vento-Y dall'alto
			D3 :da 1707 a 1708 Azione : Vento +Y dall'alto
			D3 : 1710 Azione : Vento-Y dall'alto
			D3 : 1712 Azione : Vento +Y dall'alto
			D3 : 1713 Azione : Vento-Y dall'alto
			D3 : 1716 Azione : Vento +Y dall'alto
			D3 : 1717 Azione : Vento-Y dall'alto
			D3 : 1720 Azione : Vento +Y dall'alto
			D3 : 1721 Azione : Vento-Y dall'alto
			D3 : 1724 Azione : Vento +Y dall'alto
			D3 : 1725 Azione : Vento-Y dall'alto
			D3 : 1728 Azione : Vento +Y dall'alto
			D3 : 1729 Azione : Vento-Y dall'alto
			D3 : 1732 Azione : Vento +Y dall'alto
			D3 : 1733 Azione : Vento-Y dall'alto
			D3 : 1736 Azione : Vento +Y dall'alto
			D3 : 1737 Azione : Vento-Y dall'alto
			D3 : 1740 Azione : Vento +Y dall'alto
			D3 : 1741 Azione : Vento-Y dall'alto
			D3 : 1744 Azione : Vento +Y dall'alto
			D3 : 1745 Azione : Vento-Y dall'alto
			D3 : 1748 Azione : Vento +Y dall'alto
			D3 : 1749 Azione : Vento-Y dall'alto
			D3 : 1752 Azione : Vento +Y dall'alto
			D3 : 1753 Azione : Vento-Y dall'alto
			D3 : 1756 Azione : Vento +Y dall'alto
			D3 : 1757 Azione : Vento-Y dall'alto
			D3 : 1760 Azione : Vento +Y dall'alto
			D3 : 1761 Azione : Vento-Y dall'alto
			D3 : 1764 Azione : Vento +Y dall'alto
			D3 : 1765 Azione : Vento-Y dall'alto
			D3 : 1768 Azione : Vento +Y dall'alto
			D3 : 1769 Azione : Vento-Y dall'alto
			D3 : 1772 Azione : Vento +Y dall'alto
			D3 : 1773 Azione : Vento-Y dall'alto
			D3 : 1776 Azione : Vento +Y dall'alto
			D3 : 1777 Azione : Vento-Y dall'alto
			D3 : 1780 Azione : Vento +Y dall'alto
			D3 : 1781 Azione : Vento-Y dall'alto
			D3 : 1784 Azione : Vento +Y dall'alto
			D3 : 1785 Azione : Vento-Y dall'alto
			D3 : 1788 Azione : Vento +Y dall'alto
			D3 : 1789 Azione : Vento-Y dall'alto
			D3 : 1849 Azione : Vento +Y dall'alto
			D3 : 1879 Azione : Vento +Y dall'alto
			D3 : 1880 Azione : Vento-Y dall'alto
			D3 : 1891 Azione : Vento +Y dall'alto
			D3 :da 1930 a 1934 Azione : Vento-Y dall'alto

CDC	Tipo	Sigla Id	Note
			D3 :da 1948 a 1953 Azione : Vento-Y dall'alto
			D3 : 1961 Azione : Vento +Y dall'alto
			D3 :da 1963 a 1980 Azione : Vento +Y dall'alto
			D3 :da 1985 a 1988 Azione : Vento-Y dall'alto
			D3 :da 1993 a 2063 Azione : Vento-Y dall'alto
			D3 : 2064 Azione : Vento +Y dall'alto
			D3 :da 2065 a 2073 Azione : Vento-Y dall'alto
			D3 :da 2078 a 2081 Azione : Vento-Y dall'alto
			D3 :da 2093 a 2096 Azione : Vento +Y dall'alto
			D3 : 2097 Azione : Vento-Y dall'alto
			D3 : 2163 Azione : Vento-Y dall'alto
			D3 :da 2165 a 2173 Azione : Vento-Y dall'alto
			D3 :da 2201 a 2220 Azione : Vento-Y dall'alto
			D3 :da 2233 a 2256 Azione : Vento-Y dall'alto
			D3 : 2266 Azione : Vento-Y dall'alto
			D3 : 2303 Azione : Vento-Y dall'alto
			D3 :da 2305 a 2306 Azione : Vento-Y dall'alto
			D3 : 2309 Azione : Vento-Y dall'alto
			D3 : 2311 Azione : Vento-Y dall'alto
			D3 :da 2313 a 2314 Azione : Vento-Y dall'alto
			D3 : 2317 Azione : Vento-Y dall'alto
			D3 : 2319 Azione : Vento-Y dall'alto
			D3 : 2321 Azione : Vento-Y dall'alto
			D3 : 2323 Azione : Vento-Y dall'alto
			D3 : 2325 Azione : Vento-Y dall'alto
			D3 : 2327 Azione : Vento-Y dall'alto
			D3 : 2329 Azione : Vento-Y dall'alto
			D3 : 2331 Azione : Vento-Y dall'alto
			D3 : 2333 Azione : Vento-Y dall'alto
			D3 : 2335 Azione : Vento-Y dall'alto
			D3 : 2337 Azione : Vento-Y dall'alto
			D3 : 2339 Azione : Vento-Y dall'alto
			D3 :da 2341 a 2342 Azione : Vento-Y dall'alto
			D3 :da 2345 a 2347 Azione : Vento-Y dall'alto
			D3 :da 2588 a 2611 Azione : Vento-Y dall'alto
			D3 :da 2644 a 2655 Azione : Vento +Y dall'alto
			D3 :da 2657 a 2658 Azione : Vento +Y dall'alto
			D3 :da 2661 a 2662 Azione : Vento +Y dall'alto
			D3 :da 2664 a 2679 Azione : Vento +Y dall'alto
			D3 :da 2681 a 2682 Azione : Vento +Y dall'alto
			D3 :da 2685 a 2686 Azione : Vento +Y dall'alto
			D3 :da 2689 a 2690 Azione : Vento +Y dall'alto
			D3 :da 2693 a 2694 Azione : Vento +Y dall'alto
			D3 :da 2696 a 2719 Azione : Vento +Y dall'alto
			D3 :da 2721 a 2722 Azione : Vento +Y dall'alto
			D3 :da 2725 a 2726 Azione : Vento +Y dall'alto
			D3 :da 2728 a 2739 Azione : Vento +Y dall'alto
			D3 :da 2800 a 2811 Azione : Vento +Y dall'alto
			D3 :da 2813 a 2814 Azione : Vento +Y dall'alto
			D3 :da 2817 a 2818 Azione : Vento +Y dall'alto
			D3 :da 2820 a 2843 Azione : Vento +Y dall'alto
			D3 :da 2845 a 2846 Azione : Vento +Y dall'alto
			D3 :da 2849 a 2850 Azione : Vento +Y dall'alto
			D3 :da 2853 a 2854 Azione : Vento +Y dall'alto
			D3 :da 2857 a 2858 Azione : Vento +Y dall'alto
			D3 :da 2860 a 2879 Azione : Vento +Y dall'alto
			D3 :da 2881 a 2882 Azione : Vento +Y dall'alto
			D3 :da 2884 a 2895 Azione : Vento +Y dall'alto
			D3 :da 2928 a 2951 Azione : Vento-Y dall'alto
			D3 : 3028 Azione : Vento +Y dall'alto
			D3 : 3032 Azione : Vento +Y dall'alto
			D3 :da 3256 a 3279 Azione : Vento-Y dall'alto
			D3 :da 3292 a 3311 Azione : Vento-Y dall'alto
			D3 :da 3416 a 3419 Azione : Vento-Y dall'alto
			D3 :da 3424 a 3503 Azione : Vento-Y dall'alto
			D3 :da 3508 a 3511 Azione : Vento-Y dall'alto
			D3 :da 3516 a 3530 Azione : Vento +Y dall'alto
			D3 :da 3539 a 3544 Azione : Vento-Y dall'alto
			D3 :da 3558 a 3562 Azione : Vento-Y dall'alto
			D3 :da 3621 a 3626 Azione : Vento-Y dall'alto
			D3 :da 3630 a 3634 Azione : Vento-Y dall'alto
			D3 :da 3660 a 3661 Azione : Vento-Y dall'alto
			D3 :da 3663 a 3679 Azione : Vento-Y dall'alto
			D3 :da 3684 a 3686 Azione : Vento-Y dall'alto

CDC	Tipo	Sigla Id	Note
			D3 : 3688 Azione : Vento-Y dall'alto
			D3 : 3694 Azione : Vento +Y dall'alto
			D3 :da 3709 a 3732 Azione : Vento +Y dall'alto
			D3 :da 3741 a 3746 Azione : Vento-Y dall'alto
			D3 :da 3760 a 3762 Azione : Vento-Y dall'alto
			D3 :da 3823 a 3828 Azione : Vento-Y dall'alto
			D3 :da 3832 a 3836 Azione : Vento-Y dall'alto
			D3 :da 3862 a 3863 Azione : Vento-Y dall'alto
			D3 :da 3865 a 3884 Azione : Vento-Y dall'alto
			D3 : 3886 Azione : Vento-Y dall'alto
			D3 :da 3890 a 3898 Azione : Vento +Y dall'alto
			D3 :da 3905 a 3906 Azione : Vento +Y dall'alto
			D3 :da 3923 a 3926 Azione : Vento-Y dall'alto
			D3 :da 3963 a 3966 Azione : Vento-Y dall'alto
			D3 :da 3983 a 3984 Azione : Vento +Y dall'alto
			D3 :da 3987 a 3988 Azione : Vento-Y dall'alto
			D3 :da 3991 a 3999 Azione : Vento +Y dall'alto
			D3 : 4003 Azione : Vento-Y dall'alto
			D3 :da 4005 a 4024 Azione : Vento-Y dall'alto
			D3 :da 4026 a 4027 Azione : Vento-Y dall'alto
			D3 :da 4053 a 4057 Azione : Vento-Y dall'alto
			D3 :da 4061 a 4066 Azione : Vento-Y dall'alto
			D3 :da 4127 a 4129 Azione : Vento-Y dall'alto
			D3 :da 4143 a 4148 Azione : Vento-Y dall'alto
			D3 :da 4157 a 4180 Azione : Vento +Y dall'alto
			D3 : 4195 Azione : Vento +Y dall'alto
			D3 : 4201 Azione : Vento-Y dall'alto
			D3 :da 4203 a 4205 Azione : Vento-Y dall'alto
			D3 :da 4210 a 4226 Azione : Vento-Y dall'alto
			D3 :da 4228 a 4229 Azione : Vento-Y dall'alto
			D3 :da 4255 a 4259 Azione : Vento-Y dall'alto
			D3 :da 4263 a 4268 Azione : Vento-Y dall'alto
			D3 :da 4327 a 4331 Azione : Vento-Y dall'alto
			D3 :da 4345 a 4350 Azione : Vento-Y dall'alto
			D3 :da 4359 a 4373 Azione : Vento +Y dall'alto
			D3 :da 4378 a 4381 Azione : Vento-Y dall'alto
			D3 :da 4386 a 4465 Azione : Vento-Y dall'alto
			D3 :da 4470 a 4473 Azione : Vento-Y dall'alto
			D3 :da 4578 a 4597 Azione : Vento-Y dall'alto
			D3 :da 4610 a 4633 Azione : Vento-Y dall'alto
			D3 : 5695 Azione : Vento-Y dall'alto
			D3 : 5726 Azione : Vento-Y dall'alto
			D3 :da 5818 a 5841 Azione : Vento-Y dall'alto
			D3 :da 5874 a 5885 Azione : Vento +Y dall'alto
			D3 : 5886 Azione : Vento-Y dall'alto
			D3 :da 5887 a 5888 Azione : Vento +Y dall'alto
			D3 :da 5889 a 5890 Azione : Vento-Y dall'alto
			D3 :da 5891 a 5892 Azione : Vento +Y dall'alto
			D3 : 5893 Azione : Vento-Y dall'alto
			D3 :da 5894 a 5909 Azione : Vento +Y dall'alto
			D3 :da 5911 a 5912 Azione : Vento +Y dall'alto
			D3 :da 5915 a 5916 Azione : Vento +Y dall'alto
			D3 :da 5919 a 5920 Azione : Vento +Y dall'alto
			D3 :da 5923 a 5924 Azione : Vento +Y dall'alto
			D3 :da 5926 a 5949 Azione : Vento +Y dall'alto
			D3 :da 5951 a 5952 Azione : Vento +Y dall'alto
			D3 :da 5955 a 5956 Azione : Vento +Y dall'alto
			D3 :da 5958 a 5969 Azione : Vento +Y dall'alto
			D3 : 6018 Azione : Vento-Y dall'alto
			D3 :da 6026 a 6042 Azione : Vento-Y dall'alto
			D3 :da 6142 a 6150 Azione : Vento-Y dall'alto
			D3 :da 6160 a 6175 Azione : Vento-Y dall'alto
			D3 :da 6179 a 6209 Azione : Vento +Y dall'alto
			D3 :da 6220 a 6222 Azione : Vento +Y dall'alto
			D3 :da 6224 a 6225 Azione : Vento +Y dall'alto
			D3 : 6874 Azione : Vento +Y dall'alto

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente.
Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: *Numero*, *Tipo*, *Sigla identificativa*. Una seconda tabella riporta il *peso nella combinazione* assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$$\gamma G1 \cdot G1 + \gamma G2 \cdot G2 + \gamma P \cdot P + \gamma Q1 \cdot Qk1 + \gamma Q2 \cdot \psi 02 \cdot Qk2 + \gamma Q3 \cdot \psi 03 \cdot Qk3 + \ldots$$

Combinazione caratteristica (rara) SLE

$$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$$

Combinazione frequente SLE

$$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$$

Combinazione quasi permanente SLE

$$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$$

Dove:

NTC 2008 Tabella 2.5.I

Destinazione d'uso/azione	ψ0	ψ1	ψ2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,…	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota <= 1000 m	0,50	0,20	0,00
Neve a quota > 1000 m	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),

- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2008 Tabella 2.6.I

		Coefficiente γf	**EQU**	**A1**	**A2**
Carichi permanenti	Favorevoli	$\gamma G1$	0,9	1,0	1,0
	Sfavorevoli		1,1	1,3	1,0
Carichi permanenti non strutturali (Non compiutamente definiti)	Favorevoli	$\gamma G2$	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3
Carichi variabili	Favorevoli	γQi	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLU	Comb. SLU A1 15	
16	SLU	Comb. SLU A1 16	
17	SLU	Comb. SLU A1 17	
18	SLU	Comb. SLU A1 18	
19	SLU	Comb. SLU A1 19	
20	SLU	Comb. SLU A1 20	
21	SLU	Comb. SLU A1 21	
22	SLU	Comb. SLU A1 22	
23	SLU	Comb. SLU A1 23	
24	SLU	Comb. SLU A1 24	
25	SLU	Comb. SLU A1 25	
26	SLU	Comb. SLU A1 26	
27	SLU	Comb. SLU A1 27	
28	SLU	Comb. SLU A1 28	
29	SLU	Comb. SLU A1 29	
30	SLU	Comb. SLU A1 30	
31	SLU	Comb. SLU A1 31	
32	SLU	Comb. SLU A1 32	
33	SLU	Comb. SLU A1 33	
34	SLU	Comb. SLU A1 34	
35	SLU	Comb. SLU A1 35	
36	SLU	Comb. SLU A1 36	
37	SLE(r)	Comb. SLE(rara) 37	
38	SLE(r)	Comb. SLE(rara) 38	
39	SLE(r)	Comb. SLE(rara) 39	
40	SLE(r)	Comb. SLE(rara) 40	
41	SLE(r)	Comb. SLE(rara) 41	
42	SLE(r)	Comb. SLE(rara) 42	
43	SLE(r)	Comb. SLE(rara) 43	
44	SLE(r)	Comb. SLE(rara) 44	
45	SLE(r)	Comb. SLE(rara) 45	
46	SLE(r)	Comb. SLE(rara) 46	
47	SLE(r)	Comb. SLE(rara) 47	
48	SLE(r)	Comb. SLE(rara) 48	
49	SLE(r)	Comb. SLE(rara) 49	
50	SLE(r)	Comb. SLE(rara) 50	
51	SLE(r)	Comb. SLE(rara) 51	
52	SLE(r)	Comb. SLE(rara) 52	
53	SLE(r)	Comb. SLE(rara) 53	
54	SLE(r)	Comb. SLE(rara) 54	
55	SLU	Comb. SLU A1 (SLV sism.) 55	
56	SLU	Comb. SLU A1 (SLV sism.) 56	
57	SLU	Comb. SLU A1 (SLV sism.) 57	
58	SLU	Comb. SLU A1 (SLV sism.) 58	
59	SLU	Comb. SLU A1 (SLV sism.) 59	
60	SLU	Comb. SLU A1 (SLV sism.) 60	
61	SLU	Comb. SLU A1 (SLV sism.) 61	
62	SLU	Comb. SLU A1 (SLV sism.) 62	
63	SLU	Comb. SLU A1 (SLV sism.) 63	
64	SLU	Comb. SLU A1 (SLV sism.) 64	
65	SLU	Comb. SLU A1 (SLV sism.) 65	
66	SLU	Comb. SLU A1 (SLV sism.) 66	
67	SLU	Comb. SLU A1 (SLV sism.) 67	
68	SLU	Comb. SLU A1 (SLV sism.) 68	
69	SLU	Comb. SLU A1 (SLV sism.) 69	
70	SLU	Comb. SLU A1 (SLV sism.) 70	
71	SLU	Comb. SLU A1 (SLV sism.) 71	

Cmb	Tipo	Sigla Id	effetto P-delta
72	SLU	Comb. SLU A1 (SLV sism.) 72	
73	SLU	Comb. SLU A1 (SLV sism.) 73	
74	SLU	Comb. SLU A1 (SLV sism.) 74	
75	SLU	Comb. SLU A1 (SLV sism.) 75	
76	SLU	Comb. SLU A1 (SLV sism.) 76	
77	SLU	Comb. SLU A1 (SLV sism.) 77	
78	SLU	Comb. SLU A1 (SLV sism.) 78	
79	SLU	Comb. SLU A1 (SLV sism.) 79	
80	SLU	Comb. SLU A1 (SLV sism.) 80	
81	SLU	Comb. SLU A1 (SLV sism.) 81	
82	SLU	Comb. SLU A1 (SLV sism.) 82	
83	SLU	Comb. SLU A1 (SLV sism.) 83	
84	SLU	Comb. SLU A1 (SLV sism.) 84	
85	SLU	Comb. SLU A1 (SLV sism.) 85	
86	SLU	Comb. SLU A1 (SLV sism.) 86	
87	SLD(sis)	Comb. SLE (SLD Danno sism.) 87	
88	SLD(sis)	Comb. SLE (SLD Danno sism.) 88	
89	SLD(sis)	Comb. SLE (SLD Danno sism.) 89	
90	SLD(sis)	Comb. SLE (SLD Danno sism.) 90	
91	SLD(sis)	Comb. SLE (SLD Danno sism.) 91	
92	SLD(sis)	Comb. SLE (SLD Danno sism.) 92	
93	SLD(sis)	Comb. SLE (SLD Danno sism.) 93	
94	SLD(sis)	Comb. SLE (SLD Danno sism.) 94	
95	SLD(sis)	Comb. SLE (SLD Danno sism.) 95	
96	SLD(sis)	Comb. SLE (SLD Danno sism.) 96	
97	SLD(sis)	Comb. SLE (SLD Danno sism.) 97	
98	SLD(sis)	Comb. SLE (SLD Danno sism.) 98	
99	SLD(sis)	Comb. SLE (SLD Danno sism.) 99	
100	SLD(sis)	Comb. SLE (SLD Danno sism.) 100	
101	SLD(sis)	Comb. SLE (SLD Danno sism.) 101	
102	SLD(sis)	Comb. SLE (SLD Danno sism.) 102	
103	SLD(sis)	Comb. SLE (SLD Danno sism.) 103	
104	SLD(sis)	Comb. SLE (SLD Danno sism.) 104	
105	SLD(sis)	Comb. SLE (SLD Danno sism.) 105	
106	SLD(sis)	Comb. SLE (SLD Danno sism.) 106	
107	SLD(sis)	Comb. SLE (SLD Danno sism.) 107	
108	SLD(sis)	Comb. SLE (SLD Danno sism.) 108	
109	SLD(sis)	Comb. SLE (SLD Danno sism.) 109	
110	SLD(sis)	Comb. SLE (SLD Danno sism.) 110	
111	SLD(sis)	Comb. SLE (SLD Danno sism.) 111	
112	SLD(sis)	Comb. SLE (SLD Danno sism.) 112	
113	SLD(sis)	Comb. SLE (SLD Danno sism.) 113	
114	SLD(sis)	Comb. SLE (SLD Danno sism.) 114	
115	SLD(sis)	Comb. SLE (SLD Danno sism.) 115	
116	SLD(sis)	Comb. SLE (SLD Danno sism.) 116	
117	SLD(sis)	Comb. SLE (SLD Danno sism.) 117	
118	SLD(sis)	Comb. SLE (SLD Danno sism.) 118	
119	SLE(f)	Comb. SLE(freq.) 119	
120	SLE(f)	Comb. SLE(freq.) 120	
121	SLE(f)	Comb. SLE(freq.) 121	
122	SLE(f)	Comb. SLE(freq.) 122	
123	SLE(f)	Comb. SLE(freq.) 123	
124	SLE(f)	Comb. SLE(freq.) 124	
125	SLE(f)	Comb. SLE(freq.) 125	
126	SLE(f)	Comb. SLE(freq.) 126	
127	SLE(f)	Comb. SLE(freq.) 127	
128	SLE(f)	Comb. SLE(freq.) 128	
129	SLU(acc.)	Comb. SLU (Accid.) 129	
130	SLU(acc.)	Comb. SLU (Accid.) 130	
131	SLE(p)	Comb. SLE(perm.) 131	
132	SLE(p)	Comb. SLE(perm.) 132	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.90						
2	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.50
	1.50	1.50	1.50	1.50	0.0	0.0	0.0	0.90						
3	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90						

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
4	1.00	1.00	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	1.50	0.0	1.50	0.0	0.0	0.0	0.90						
5	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	1.50	0.0	1.50	0.0	0.0	0.0	0.0	1.50						
6	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.05
	1.50	1.05	1.50	0.75	0.0	0.0	0.0	1.50						
7	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50						
8	1.00	1.00	0.0	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.05
	0.0	1.05	0.0	0.75	0.0	0.0	0.0	1.50						
9	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	1.50	0.0	1.50	0.0	0.0	0.0	0.90	0.0						
10	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.50
	1.50	1.50	1.50	1.50	0.0	0.0	0.90	0.0						
11	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0						
12	1.00	1.00	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	1.50	0.0	1.50	0.0	0.0	0.90	0.0						
13	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	1.50	0.0	1.50	0.0	0.0	0.0	1.50	0.0						
14	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.05
	1.50	1.05	1.50	0.75	0.0	0.0	1.50	0.0						
15	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0						
16	1.00	1.00	0.0	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.05
	0.0	1.05	0.0	0.75	0.0	0.0	1.50	0.0						
17	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	1.50	0.0	1.50	0.0	0.0	0.90	0.0	0.0						
18	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.50
	1.50	1.50	1.50	1.50	0.0	0.90	0.0	0.0						
19	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0						
20	1.00	1.00	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	1.50	0.0	1.50	0.0	0.90	0.0	0.0						
21	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	1.50	0.0	1.50	0.0	0.0	1.50	0.0	0.0						
22	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.05
	1.50	1.05	1.50	0.75	0.0	1.50	0.0	0.0						
23	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	1.50	0.0	0.0						
24	1.00	1.00	0.0	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.05
	0.0	1.05	0.0	0.75	0.0	1.50	0.0	0.0						
25	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	1.50	0.0	1.50	0.0	0.90	0.0	0.0	0.0						
26	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.50
	1.50	1.50	1.50	1.50	0.90	0.0	0.0	0.0						
27	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0						
28	1.00	1.00	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	1.50	0.0	1.50	0.90	0.0	0.0	0.0						
29	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	1.50	0.0	1.50	0.0	1.50	0.0	0.0	0.0						
30	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.05
	1.50	1.05	1.50	0.75	1.50	0.0	0.0	0.0						
31	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0						
32	1.00	1.00	0.0	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.05
	0.0	1.05	0.0	0.75	1.50	0.0	0.0	0.0						
33	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0						
34	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.50
	1.50	1.50	1.50	1.50	0.0	0.0	0.0	0.0						
35	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
36	1.00	1.00	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	1.50	0.0	1.50	0.0	0.0	0.0	0.0						
37	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.60						
38	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00
	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.60						
39	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	0.0	1.00						
40	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.70

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.00	0.70	1.00	0.50	0.0	0.0	0.0	1.00						
41	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	0.60	0.0						
42	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00
	1.00	1.00	1.00	1.00	0.0	0.0	0.60	0.0						
43	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	1.00	0.0						
44	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.70
	1.00	0.70	1.00	0.50	0.0	0.0	1.00	0.0						
45	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.60	0.0	0.0						
46	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00
	1.00	1.00	1.00	1.00	0.0	0.60	0.0	0.0						
47	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	1.00	0.0	0.0						
48	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.70
	1.00	0.70	1.00	0.50	0.0	1.00	0.0	0.0						
49	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.60	0.0	0.0	0.0						
50	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00
	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0						
51	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	1.00	0.0	0.0	0.0						
52	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.70
	1.00	0.70	1.00	0.50	1.00	0.0	0.0	0.0						
53	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0						
54	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00
	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0						
55	1.00	1.00	1.00	0.30	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
56	1.00	1.00	1.00	0.30	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
57	1.00	1.00	1.00	0.30	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
58	1.00	1.00	1.00	0.30	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
59	1.00	1.00	1.00	0.30	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
60	1.00	1.00	1.00	0.30	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
61	1.00	1.00	1.00	0.30	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
62	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
63	1.00	1.00	1.00	0.30	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
64	1.00	1.00	1.00	0.30	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
65	1.00	1.00	1.00	0.30	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
66	1.00	1.00	1.00	0.30	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
67	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
68	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
69	1.00	1.00	1.00	0.30	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
70	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
71	1.00	1.00	1.00	0.30	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
72	1.00	1.00	1.00	0.30	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
73	1.00	1.00	1.00	0.30	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
74	1.00	1.00	1.00	0.30	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
75	1.00	1.00	1.00	0.30	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
76	1.00	1.00	1.00	0.30	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
77	1.00	1.00	1.00	0.30	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
78	1.00	1.00	1.00	0.30	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
79	1.00	1.00	1.00	0.30	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
80	1.00	1.00	1.00	0.30	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
81	1.00	1.00	1.00	0.30	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
82	1.00	1.00	1.00	0.30	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
83	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
84	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
85	1.00	1.00	1.00	0.30	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
86	1.00	1.00	1.00	0.30	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
87	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
88	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
89	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
90	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
91	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
92	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
93	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
94	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
95	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
96	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
97	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
98	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
99	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
100	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
101	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
102	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
103	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
104	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
105	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
106	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
107	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
108	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
109	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
110	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
111	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
112	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
113	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	1.00	0.30

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
114	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
115	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
116	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
117	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
118	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
119	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0						
120	1.00	1.00	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.50
	1.00	0.70	1.00	0.20	0.0	0.0	0.0	0.0						
121	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.20						
122	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.20						
123	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	0.20	0.0						
124	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.20	0.0						
125	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.20	0.0	0.0						
126	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.20	0.0	0.0						
127	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.20	0.0	0.0	0.0						
128	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.20	0.0	0.0	0.0						
129	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0						
130	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						
131	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0						
132	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30
	1.00	0.60	1.00	0.0	0.0	0.0	0.0	0.0						

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.
Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito http://esse1.mi.ingv.it/. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento Vr che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento Vr e la probabilità di superamento Pver associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno Tr e i relativi parametri di pericolosità sismica (vedi tabella successiva):
ag: accelerazione orizzontale massima del terreno;
Fo: valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;
T*c: periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
II	50.0	1.0	50.0	A	T1

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:
S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche
mediante la relazione seguente S = Ss*St (3.2.5)
Fo è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale
Fv è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno ag su sito di riferimento rigido orizzontale
Tb è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.
Tc è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.
Td è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	11.485	43.822	
19840	11.481	43.818	0.547
19841	11.550	43.819	5.208
19619	11.549	43.869	7.301
19618	11.479	43.868	5.121

SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	81.0	30.0	0.056	2.500	0.260
SLD	63.0	50.0	0.069	2.490	0.270
SLV	10.0	475.0	0.169	2.390	0.300
SLC	5.0	975.0	0.215	2.380	0.300

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.056	1.000	2.500	0.797	0.087	0.260	1.823
SLD	0.069	1.000	2.490	0.886	0.090	0.270	1.878
SLV	0.169	1.000	2.390	1.327	0.100	0.300	2.276
SLC	0.215	1.000	2.380	1.490	0.100	0.300	2.460

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

9. Esk caso di carico sismico con analisi statica equivalente
10. Edk caso di carico sismico con analisi dinamica

Ciascun caso di carico è caratterizzato da un angolo di ingresso e da una configurazione di masse determinante la forza sismica complessiva (si rimanda al capitolo relativo ai casi di carico per chiarimenti inerenti questo aspetto).

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l' azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica	Zona sismica
Accelerazione ag	Accelerazione orizzontale massima sul suolo
Categoria suolo	Categoria di profilo stratigrafico del suolo di fondazione
Fattore di struttura q	Fattore dipendente dalla tipologia strutturale
Fattore di sito S	Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD	Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore riduz. SLD	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo proprio T1	Periodo proprio di vibrazione della struttura
Coefficiente Lambda	Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata spettro Sd(T1)	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata spettro Se(T1)	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata spettro S (Tb-Tc)	Valore dell' ordinata dello spettro in uso nel tratto costante
numero di modi considerati	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

Per ciascun caso di carico sismico viene riportato l'insieme di dati sotto riportati (le masse sono espresse in unità di forza):

a) **analisi sismica statica equivalente**:
- quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
- azione sismica complessiva

b) **analisi sismica dinamica con spettro di risposta**:
- quota, posizione del centro di massa e massa risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo) **,** indici di regolarità e/r secondo EC8 4.2.3.2
- frequenza, periodo,accelerazione spettrale, massa eccitata nelle tre direzioni globali per tutti i modi
- massa complessiva ed aliquota di massa complessiva eccitata.

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione etaT (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità 1000*etaT/h da confrontare direttamente con i valori forniti nella norma (es. 5 per edifici con tamponamenti collegati rigidamente alla struttura, 10.0 per edifici con tamponamenti collegati elasticamente, 3 per edifici in muratura ordinaria, 4 per edifici in muratura armata).

Qualora si applichi il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") l'analisi sismica dinamica può essere comprensiva di sollecitazione verticale contemporanea a quella orizzontale, nel qual caso è effettuata una sovrapposizione degli effetti in ragione della radice dei quadrati degli effetti stessi. Per ciascuna combinazione sismica - analisi effettuate con il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") - viene riportato il livello di deformazione etaT, etaP e etaD degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso in unità 1000*etaT/h da confrontare direttamente con il valore 2 o 4 per la verifica.

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo l' allegato 10.A dell'Ordinanza 3274 e smi. In particolare la tabella, per ogni combinazione SLU (SLC per il DM 14-01-2008) sismica riporta il codice di verifica e i valori utilizzati per la verifica: spostamento dE, area ridotta e dimensione A2, azione verticale, deformazioni di taglio dell'

elastomero e tensioni nell' acciaio.

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce (amplificato del 20% per Ordinanza 3274 e smi) combinato con la regola del 30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta Ar (per dispositivi circolari)
V	Azione verticale agente
Ar	Area ridotta efficace
Dim A2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elestomero
Vcr	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

1) V > 0
2) Sig s < fyk
3) Gam t < 5
4) Gam s < Gam * (caratteristica dell' elastomero)
5) Gam s < 2
6) V < 0.5 Vcr

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
23	DM 2008: SPETTRO
29	SISMICA 1000/H, SOMMA V, EFFETTO P-δ
30	ANALISI DI UN EDIFICIO CON ISOLATORI SISMICI
70	MASSE SISMICHE
75	PROGETTO DI ISOLATORI ELASTOMERICI
76	VERIFICA DI ISOLATORI ELASTOMERICI
77	VERIFICA DI ISOLATORI FRICTION PENDULUM

CDC	Tipo	Sigla Id	Note
5	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.253 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.344 sec.
			fattore di struttura q: 1.600
			fattore per spost. mu d: 1.600
			classe di duttilità CD: B
			numero di modi considerati: 30
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kg	m	m	m	m	m	m			
15.18	1902.25	14.84	7.53	0.0	0.0	15.87	7.53	0.004	0.175	3.2989e-06
15.10	29.36	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.09	26.62	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	72.66	25.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	13.13	19.23	7.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	46.36	24.94	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	25.89	5.55	8.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.05	44.33	24.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.04	40.78	23.91	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	62.85	25.69	8.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	45.20	23.38	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.02	46.02	22.88	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	2183.18	15.45	8.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	33.78	12.71	8.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	50.89	25.69	7.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	47.76	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	53.74	22.33	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	41.85	21.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	33.71	24.95	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.98	60.13	20.77	7.75	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.97	37.74	24.43	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	19.36	19.09	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	47.04	20.75	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	29.68	23.90	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	45.25	20.25	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	42.10	19.78	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	38.63	23.38	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	35.81	19.23	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	31.07	22.89	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	76.02	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.41	19.09	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.61	19.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	11.00	18.80	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	13.66	18.72	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	44.88	22.33	6.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	25.25	18.19	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	51.34	24.96	6.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.90	73.95	19.53	7.25	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.90	56.48	24.43	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	55.40	5.18	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	108.22	24.02	8.07	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.89	68.16	17.11	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	24.23	19.04	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	42.57	23.90	6.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	33.36	20.75	6.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	50.98	16.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	28.88	5.55	8.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	95.69	21.99	6.57	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.86	43.81	15.99	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	81.15	17.32	7.24	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.85	42.26	22.90	6.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	45.72	19.09	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	21.49	19.23	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	14.33	19.04	6.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	2166.91	15.46	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	37.62	19.23	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	57.98	14.87	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	33.82	12.74	9.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	60.43	22.33	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	54.76	12.31	9.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	49.95	14.37	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	41.88	21.71	6.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	57.61	18.19	6.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.81	60.47	13.76	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	50.50	21.28	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	66.21	18.32	6.70	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
14.80	49.12	13.13	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	41.49	12.68	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	40.91	20.76	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	74.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	64.44	17.11	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	69.15	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	50.65	20.25	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.77	41.97	16.44	6.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	59.20	11.64	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	45.20	15.99	6.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	39.94	19.79	6.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	48.86	24.98	5.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	82.06	13.30	7.17	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.75	65.62	5.18	9.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	91.84	18.66	6.23	0.0	-0.11	0.0	0.0	0.0	0.0	0.0
14.74	41.81	19.23	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	53.77	14.87	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	54.75	19.04	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	44.28	10.28	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	38.73	23.88	5.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	47.90	18.19	6.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	40.12	14.37	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	56.20	9.63	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	46.80	23.38	5.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	55.95	13.76	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	19.29	5.55	9.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	43.28	9.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	36.79	22.91	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	66.54	22.45	5.33	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
14.70	39.15	13.15	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	47.76	8.58	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	8.57	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	82.15	23.30	5.10	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.69	41.66	12.68	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	64.98	25.69	9.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	40.65	7.98	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	98.72	20.91	8.04	0.0	-0.24	0.0	0.0	0.0	0.0	0.0
14.68	51.42	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	23.38	19.23	9.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	34.63	21.68	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	38.48	7.53	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	2155.67	15.46	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	24.65	23.88	4.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	52.29	11.64	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	108.05	18.65	5.67	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.67	42.90	7.12	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	33.74	12.78	9.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	30.01	23.38	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	42.90	16.46	5.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.96	11.10	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	47.78	15.99	6.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.21	20.76	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	161.15	14.45	7.70	0.0	-0.25	0.0	0.0	0.0	0.0	0.0
14.65	53.25	6.48	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	74.78	13.26	6.39	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.65	85.63	19.12	5.41	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.64	35.70	22.33	4.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	58.99	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	48.70	5.86	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	47.83	9.63	6.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	12.67	5.55	9.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	54.81	14.87	6.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	29.85	19.80	5.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	23.90	21.68	4.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	31.06	9.03	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	57.39	24.99	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	124.35	11.81	6.45	0.0	-0.13	0.0	0.0	0.0	0.0	0.0
14.62	30.81	19.23	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	37.30	8.58	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	44.60	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	23.17	20.76	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	59.43	24.43	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	56.36	13.76	6.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	29.12	8.06	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	28.47	20.25	4.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	33.29	7.53	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	48.91	23.87	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	101.08	8.29	8.50	0.0	-0.20	0.0	0.0	0.0	0.0	0.0
14.60	22.45	19.80	4.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	27.69	7.13	6.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	52.84	23.38	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.59	42.20	12.68	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	23.80	19.23	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	49.03	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	75.55	12.25	6.06	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.58	48.36	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	51.04	11.64	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	31.38	5.86	7.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	32.99	11.14	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	64.86	22.33	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	38.89	10.65	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	31.88	5.18	7.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	146.37	17.62	5.03	0.0	-8.90e-03	0.0	0.0	0.0	0.0	0.0
14.56	32.25	10.26	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	55.89	13.99	6.34	0.0	-0.25	0.0	0.0	0.0	0.0	0.0
14.55	147.60	15.87	5.26	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.54	31.04	9.02	6.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.54	90.90	18.55	4.75	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
14.54	36.68	8.58	6.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	29.16	8.06	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	50.15	20.76	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	54.89	14.87	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	57.90	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	33.37	7.53	6.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	93.14	17.65	4.74	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
14.52	27.70	7.14	6.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	68.17	19.09	10.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	26.22	19.23	10.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	50.49	25.01	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	52.36	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	44.85	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	98.59	10.64	5.79	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
14.51	2143.44	15.45	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	42.10	5.86	6.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	58.75	24.43	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	51.17	5.18	6.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	85.24	16.43	4.77	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
14.50	33.71	12.81	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	38.93	19.04	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	41.96	23.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	42.73	12.68	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	49.70	12.31	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	115.87	12.02	8.37	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
14.48	71.77	18.59	5.40	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
14.48	33.03	11.18	5.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	40.40	18.19	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	40.51	10.65	5.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	32.24	10.25	5.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	41.71	22.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	77.47	12.75	5.13	0.0	-0.07	0.0	0.0	0.0	0.0	0.0
14.46	31.03	9.00	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	36.32	8.58	5.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	61.15	22.33	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	29.16	8.06	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	81.17	13.19	4.95	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
14.45	53.19	5.18	10.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	62.57	12.35	5.05	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
14.44	42.30	15.99	4.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	41.44	21.64	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	70.62	11.58	5.11	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.44	37.13	15.51	4.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.43	46.91	21.28	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	47.98	14.87	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	40.54	20.77	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	34.09	18.19	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	37.05	14.39	4.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	52.68	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	49.41	20.25	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	24.33	17.78	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	50.73	13.76	4.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	39.65	19.82	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	48.87	25.02	2.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	37.87	13.19	4.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	37.36	17.11	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	36.83	5.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.39	98.90	22.17	3.03	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.39	41.32	12.68	4.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	46.37	12.31	4.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	84.53	14.79	4.20	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
14.38	33.06	11.21	4.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	42.13	10.65	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	32.23	10.23	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	47.80	9.63	5.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.42	16.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	31.02	8.99	5.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.96	8.58	5.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	29.16	8.06	5.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	71.09	16.28	3.90	0.0	-0.13	0.0	0.0	0.0	0.0	0.0
14.37	27.70	7.15	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	41.29	15.99	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	47.61	23.38	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	40.74	6.48	5.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	36.90	15.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	35.60	22.81	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	38.11	18.19	3.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	24.69	5.85	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	95.54	23.95	6.77	0.0	-0.43	0.0	0.0	0.0	0.0	0.0
14.35	43.75	14.87	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	38.27	5.18	5.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	2152.58	15.49	11.11	0.0	-0.39	0.0	0.0	0.0	0.0	0.0
14.33	38.23	14.39	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	32.96	21.62	2.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	51.49	10.54	9.49	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
14.32	35.54	21.28	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.20	17.11	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	26.45	5.55	11.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.78	13.76	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	30.24	20.77	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	17.50	13.35	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	20.21	13.20	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	67.82	12.31	11.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	52.95	16.50	3.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	120.45	15.85	7.67	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
14.30	67.88	14.13	3.69	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.30	28.18	8.06	4.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	61.06	7.93	4.68	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
14.30	28.20	8.98	4.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	48.32	25.04	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	131.70	13.03	3.83	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
14.29	54.92	15.04	3.48	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
14.29	77.71	8.42	4.56	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.29	105.87	21.89	6.45	0.0	-0.47	0.0	0.0	0.0	0.0	0.0
14.29	26.60	11.25	4.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	37.13	11.64	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	72.22	15.32	3.40	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
14.29	42.66	15.49	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	36.83	23.84	1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	30.41	5.85	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	46.56	23.38	2.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	29.09	19.23	2.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	89.42	16.63	3.10	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
14.28	51.37	14.87	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	45.24	22.33	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	20.85	17.77	2.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	38.59	14.39	3.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	30.16	21.61	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	31.55	21.28	2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	26.82	20.77	2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	45.63	13.76	3.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	30.45	20.25	2.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	23.48	19.85	2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	35.33	13.35	3.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	24.54	19.23	2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	24.86	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	55.34	17.11	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	41.03	12.68	3.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	33.10	12.31	3.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	38.33	11.64	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	27.97	11.27	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.23	38.74	10.65	3.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.36	10.21	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	43.18	9.63	3.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.74	8.97	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	54.37	12.11	3.48	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
14.23	28.38	8.06	4.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	32.51	7.53	4.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	27.71	7.16	4.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.06	28.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	162.77	25.36	6.41	0.0	-0.25	0.0	0.0	0.0	0.0	0.0
14.22	170.46	25.96	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	164.11	24.42	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	163.47	18.53	6.71	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
14.22	133.86	21.17	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	138.19	19.49	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	35.63	18.06	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	102.49	16.77	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	104.53	15.42	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	145.03	13.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	94.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.48	9.91	6.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
14.22	223.18	15.22	7.75	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.21	90.04	7.57	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	251.85	9.63	7.66	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.21	115.17	3.67	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	155.00	2.18	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	59.04	24.01	7.05	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
14.21	26.17	5.18	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	13.29	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	17.99	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	53.99	29.13	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	123.00	12.88	8.51	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.20	65.43	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	53.99	1.65	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	47.23	29.13	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	46.44	10.16	6.90	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.20	28.85	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	35.15	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	101.85	14.54	9.71	0.0	-2.55e-03	0.0	0.0	0.0	0.0	0.0
14.19	29.23	19.09	11.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	40.48	29.13	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	75.62	25.69	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	18.39	19.23	11.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	135.87	16.04	5.57	0.0	-0.47	0.0	0.0	0.0	0.0	0.0
14.18	59.00	24.43	1.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	41.64	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	76.49	15.66	8.62	0.0	-0.23	0.0	0.0	0.0	0.0	0.0
14.18	39.39	23.83	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	33.45	1.65	11.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	52.17	23.38	1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	58.75	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	21.11	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	37.60	22.73	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	51.14	22.33	1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	2207.36	15.62	11.93	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.17	35.78	21.59	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	37.83	21.28	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	66.47	23.20	3.19	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
14.17	35.95	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	39.24	20.25	1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.03	13.34	6.41	0.0	-0.51	0.0	0.0	0.0	0.0	0.0
14.16	69.91	25.69	11.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	60.93	19.15	3.17	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
14.16	56.55	19.04	1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.40	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	127.96	18.85	3.85	0.0	-0.17	0.0	0.0	0.0	0.0	0.0
14.16	29.64	17.77	2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	43.35	24.30	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	132.48	14.85	6.40	0.0	-0.50	0.0	0.0	0.0	0.0	0.0
14.15	39.86	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.85	16.50	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.75	16.42	4.05	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.15	84.66	16.65	4.11	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.15	81.23	13.22	2.71	0.0	-0.06	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.15	82.73	13.18	4.05	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.15	21.86	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	56.48	13.05	3.81	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.15	69.24	12.88	4.12	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.15	42.16	15.46	2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	28.78	8.96	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	74.54	5.18	4.59	0.0	-0.07	0.0	0.0	0.0	0.0	0.0
14.14	46.75	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	92.74	12.43	2.79	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.14	39.37	8.80	3.74	0.0	-0.11	0.0	0.0	0.0	0.0	0.0
14.14	104.63	13.23	6.11	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
14.14	60.49	13.50	3.33	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.13	44.10	13.76	2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	27.93	11.31	2.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	70.71	12.45	2.71	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
14.13	81.41	14.62	2.98	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.13	57.65	10.32	3.37	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
14.13	41.59	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.12	224.50	14.31	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	41.57	12.74	3.51	0.0	-0.09	0.0	0.0	0.0	0.0	0.0
14.11	36.06	25.69	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	61.60	14.94	3.39	0.0	-9.09e-03	0.0	0.0	0.0	0.0	0.0
14.11	16.96	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	47.73	12.31	12.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	1952.37	15.81	1.76	0.0	-0.17	0.0	0.0	0.0	0.0	0.0
14.07	26.42	19.09	12.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.06	12.39	19.23	12.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	17.39	22.33	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	13.16	22.65	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	3209.66	15.39	12.68	0.0	0.0	15.74	12.68	1.1765e-04	1.373	6.2240e-04
14.01	25.36	23.51	-0.03	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.01	16.28	25.08	-0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.00	545.87	14.34	1.46	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
13.82	2601.25	15.40	13.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.63	1384.82	15.40	14.34	0.0	0.0	15.43	14.34	0.095	0.028	0.0
13.51	4869.50	16.00	7.39	0.0	-0.63	19.47	9.12	0.603	0.226	0.327
13.41	5.273e+04	15.85	7.64	0.0	-0.63	14.77	7.37	0.836	0.149	0.032
13.31	4324.18	16.20	7.27	0.0	-0.63	16.43	7.22	1.056	0.023	0.004
12.56	9219.00	16.13	7.38	0.0	-0.63	16.22	7.18	0.980	0.009	0.023
11.78	9339.06	16.13	7.36	0.0	-0.63	16.39	7.18	0.982	0.025	0.021
11.20	283.34	14.71	9.83	0.0	-0.10	14.72	9.09	1.170	0.012	0.520
11.00	9007.32	16.19	7.27	0.0	-0.63	16.27	7.18	1.031	0.008	0.010
10.62	262.88	14.71	9.83	0.0	-0.10	14.72	9.09	1.170	0.012	0.520
10.23	4497.59	16.20	7.27	0.0	-0.63	14.78	7.33	0.756	0.174	0.010
10.13	1.632e+05	15.80	8.40	0.0	-0.71	14.77	7.39	0.817	0.141	0.120
10.03	4324.18	16.20	7.27	0.0	-0.63	16.43	7.22	1.056	0.023	0.004
9.28	9219.00	16.13	7.38	0.0	-0.63	16.22	7.18	0.980	0.009	0.023
8.50	9326.91	16.14	7.36	0.0	-0.63	16.39	7.18	0.982	0.024	0.020
7.92	283.34	14.71	9.83	0.0	-0.10	14.72	9.09	1.170	0.012	0.520
7.72	8995.18	16.19	7.27	0.0	-0.63	16.27	7.18	1.031	0.007	0.009
7.34	262.88	14.71	9.83	0.0	-0.10	14.72	9.09	1.170	0.012	0.520
6.94	4497.59	16.20	7.27	0.0	-0.63	14.78	7.17	0.929	0.174	0.011
6.84	1.626e+05	15.79	8.41	0.0	-0.71	14.77	7.42	0.725	0.136	0.153
6.74	5323.51	16.20	7.27	0.0	-0.63	16.43	7.22	1.056	0.023	0.004
5.96	1.105e+04	16.14	7.36	0.0	-0.63	16.23	7.18	0.981	0.009	0.021
5.19	1.103e+04	16.14	7.35	0.0	-0.63	16.40	7.18	0.983	0.025	0.020
4.41	9316.78	16.13	7.37	0.0	-0.63	16.24	7.19	1.030	0.010	0.020
3.88	8211.18	16.20	7.27	0.0	-0.63	14.78	7.33	0.756	0.174	0.010
3.63	4050.96	19.09	10.18	0.0	-0.22	18.33	9.64	4.491	0.044	0.092
Risulta	5.517e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kg		kg		kg			
1	2.520	0.397	0.191	3954.89	0.7	4.669e+05	84.6	0.0	0.0	0.0	0.0
2	2.907	0.344	0.220	4.294e+05	77.8	4418.42	0.8	0.0	0.0	0.0	0.0
3	3.388	0.295	0.253	2.309e+04	4.2	29.09	5.27e-03	0.0	0.0	0.0	0.0
4	7.679	0.130	0.253	3127.77	0.6	4.552e+04	8.3	0.0	0.0	0.0	0.0
5	7.950	0.126	0.253	6098.15	1.1	3905.69	0.7	0.0	0.0	0.0	0.0
6	8.166	0.122	0.253	4.428e+04	8.0	4697.67	0.9	0.0	0.0	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
7	8.334	0.120	0.253	4100.92	0.7	1990.51	0.4	0.0	0.0	0.0	0.0
8	8.635	0.116	0.253	2383.30	0.4	521.45	9.45e-02	0.0	0.0	0.0	0.0
9	8.837	0.113	0.253	4157.02	0.8	130.03	2.36e-02	0.0	0.0	0.0	0.0
10	9.162	0.109	0.253	261.08	4.73e-02	806.09	0.1	0.0	0.0	0.0	0.0
11	9.211	0.109	0.253	218.02	3.95e-02	22.51	4.08e-03	0.0	0.0	0.0	0.0
12	9.301	0.108	0.253	470.77	8.53e-02	237.89	4.31e-02	0.0	0.0	0.0	0.0
13	9.741	0.103	0.253	40.35	7.31e-03	95.05	1.72e-02	0.0	0.0	0.0	0.0
14	10.045	0.100	0.252	54.73	9.92e-03	33.32	6.04e-03	0.0	0.0	0.0	0.0
15	10.068	0.099	0.252	70.28	1.27e-02	30.90	5.60e-03	0.0	0.0	0.0	0.0
16	10.084	0.099	0.252	6.13	1.11e-03	0.61	1.11e-04	0.0	0.0	0.0	0.0
17	10.121	0.099	0.252	409.39	7.42e-02	2.82	5.11e-04	0.0	0.0	0.0	0.0
18	10.335	0.097	0.250	58.69	1.06e-02	7.52	1.36e-03	0.0	0.0	0.0	0.0
19	10.445	0.096	0.249	60.46	1.10e-02	2181.28	0.4	0.0	0.0	0.0	0.0
20	10.449	0.096	0.249	6.65	1.21e-03	362.26	6.57e-02	0.0	0.0	0.0	0.0
21	10.571	0.095	0.248	114.44	2.07e-02	2.11	3.82e-04	0.0	0.0	0.0	0.0
22	10.617	0.094	0.248	60.49	1.10e-02	0.18	3.25e-05	0.0	0.0	0.0	0.0
23	10.820	0.092	0.246	21.79	3.95e-03	170.97	3.10e-02	0.0	0.0	0.0	0.0
24	10.838	0.092	0.246	609.82	0.1	5435.49	1.0	0.0	0.0	0.0	0.0
25	11.118	0.090	0.244	0.03	4.86e-06	143.54	2.60e-02	0.0	0.0	0.0	0.0
26	11.180	0.089	0.244	24.36	4.42e-03	82.95	1.50e-02	0.0	0.0	0.0	0.0
27	11.200	0.089	0.244	107.79	1.95e-02	5.60	1.01e-03	0.0	0.0	0.0	0.0
28	11.297	0.089	0.243	85.90	1.56e-02	61.77	1.12e-02	0.0	0.0	0.0	0.0
29	11.314	0.088	0.243	1.97	3.57e-04	1.79	3.24e-04	0.0	0.0	0.0	0.0
30	11.352	0.088	0.243	87.84	1.59e-02	21.59	3.91e-03	0.0	0.0	0.0	0.0
Risulta				5.234e+05		5.378e+05		0.0			
In percentuale				94.87		97.48		0.0			

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.253 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.359 sec.
			fattore di struttura q: 1.600
			fattore per spost. mu d: 1.600
			classe di duttilità CD: B
			numero di modi considerati: 30
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kg	m	m	m	m	m	m			
15.18	1902.25	14.84	7.53	0.0	0.0	15.87	7.53	0.004	0.175	3.2989e-06
15.10	29.36	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.09	26.62	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	72.66	25.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	13.13	19.23	7.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	46.36	24.94	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	25.89	5.55	8.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.05	44.33	24.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.04	40.78	23.91	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	62.85	25.69	8.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	45.20	23.38	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.02	46.02	22.88	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	2183.18	15.45	8.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	33.78	12.71	8.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	50.89	25.69	7.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	47.76	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	53.74	22.33	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	41.85	21.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	33.71	24.95	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.98	60.13	20.77	7.75	0.0	0.04	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.97	37.74	24.43	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	19.36	19.09	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	47.04	20.75	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	29.68	23.90	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	45.25	20.25	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	42.10	19.78	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	38.63	23.38	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	35.81	19.23	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	31.07	22.89	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	76.02	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.41	19.09	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.61	19.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	11.00	18.80	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	13.66	18.72	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	44.88	22.33	6.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	25.25	18.19	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	51.34	24.96	6.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.90	73.95	19.53	7.25	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.90	56.48	24.43	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	55.40	5.18	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	108.22	24.02	8.07	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.89	68.16	17.11	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	24.23	19.04	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	42.57	23.90	6.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	33.36	20.75	6.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	50.98	16.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	28.88	5.55	8.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	95.69	21.99	6.57	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.86	43.81	15.99	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	81.15	17.32	7.24	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.85	42.26	22.90	6.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	45.72	19.09	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	21.49	19.23	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	14.33	19.04	6.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	2166.91	15.46	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	37.62	19.23	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	57.98	14.87	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	33.82	12.74	9.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	60.43	22.33	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	54.76	12.31	9.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	49.95	14.37	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	41.88	21.71	6.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	57.61	18.19	6.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.81	60.47	13.76	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	50.50	21.28	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	66.21	18.32	6.70	0.0	0.01	0.0	0.0	0.0	0.0	0.0
14.80	49.12	13.13	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	41.49	12.68	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	40.91	20.76	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	74.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	64.44	17.11	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	69.15	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	50.65	20.25	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	41.97	16.44	6.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	59.20	11.64	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	45.20	15.99	6.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	39.94	19.79	6.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	48.86	24.98	5.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	82.06	13.30	7.17	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.75	65.62	5.18	9.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	91.84	18.66	6.23	0.0	0.11	0.0	0.0	0.0	0.0	0.0
14.74	41.81	19.23	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	53.77	14.87	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	54.75	19.04	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	44.28	10.28	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	38.73	23.88	5.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	47.90	18.19	6.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	40.12	14.37	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	56.20	9.63	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	46.80	23.38	5.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	55.95	13.76	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	19.29	5.55	9.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	43.28	9.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	36.79	22.91	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.71	66.54	22.45	5.33	0.0	0.06	0.0	0.0	0.0	0.0	0.0
14.70	39.15	13.15	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	47.76	8.58	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	8.57	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	82.15	23.30	5.10	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.69	41.66	12.68	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	64.98	25.69	9.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	40.65	7.98	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	98.72	20.91	8.04	0.0	0.24	0.0	0.0	0.0	0.0	0.0
14.68	51.42	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	23.38	19.23	9.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	34.63	21.68	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	38.48	7.53	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	2155.67	15.46	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	24.65	23.88	4.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	52.29	11.64	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	108.05	18.65	5.67	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.67	42.90	7.12	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	33.74	12.78	9.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	30.01	23.38	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	42.90	16.46	5.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.96	11.10	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	47.78	15.99	6.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.21	20.76	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	161.15	14.45	7.70	0.0	0.25	0.0	0.0	0.0	0.0	0.0
14.65	53.25	6.48	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	74.78	13.26	6.39	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.65	85.63	19.12	5.41	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.64	35.70	22.33	4.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	58.99	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	48.70	5.86	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	47.83	9.63	6.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	12.67	5.55	9.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	54.81	14.87	6.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	29.85	19.80	5.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	23.90	21.68	4.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	31.06	9.03	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	57.39	24.99	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	124.35	11.81	6.45	0.0	0.13	0.0	0.0	0.0	0.0	0.0
14.62	30.81	19.23	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	37.30	8.58	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	44.60	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	23.17	20.76	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	59.43	24.43	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	56.36	13.76	6.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	29.12	8.06	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	28.47	20.25	4.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	33.29	7.53	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	48.91	23.87	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	101.08	8.29	8.50	0.0	0.20	0.0	0.0	0.0	0.0	0.0
14.60	22.45	19.80	4.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	27.69	7.13	6.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	52.84	23.38	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	42.20	12.68	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	23.80	19.23	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	49.03	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	75.55	12.25	6.06	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.58	48.36	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	51.04	11.64	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	31.38	5.86	7.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	32.99	11.14	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	64.86	22.33	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	38.89	10.65	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	31.88	5.18	7.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	146.37	17.62	5.03	0.0	8.90e-03	0.0	0.0	0.0	0.0	0.0
14.56	32.25	10.26	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	55.89	13.99	6.34	0.0	0.25	0.0	0.0	0.0	0.0	0.0
14.55	147.60	15.87	5.26	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.54	31.04	9.02	6.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.54	90.90	18.55	4.75	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.54	36.68	8.58	6.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	29.16	8.06	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	50.15	20.76	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	54.89	14.87	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.53	57.90	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	33.37	7.53	6.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	93.14	17.65	4.74	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.52	27.70	7.14	6.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	68.17	19.09	10.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	26.22	19.23	10.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	50.49	25.01	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	52.36	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	44.85	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	98.59	10.64	5.79	0.0	0.06	0.0	0.0	0.0	0.0	0.0
14.51	2143.44	15.45	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	42.10	5.86	6.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	58.75	24.43	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	51.17	5.18	6.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	85.24	16.43	4.77	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.50	33.71	12.81	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	38.93	19.04	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	41.96	23.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	42.73	12.68	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	49.70	12.31	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	115.87	12.02	8.37	0.0	0.26	0.0	0.0	0.0	0.0	0.0
14.48	71.77	18.59	5.40	0.0	0.36	0.0	0.0	0.0	0.0	0.0
14.48	33.03	11.18	5.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	40.40	18.19	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	40.51	10.65	5.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	32.24	10.25	5.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	41.71	22.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	77.47	12.75	5.13	0.0	0.07	0.0	0.0	0.0	0.0	0.0
14.46	31.03	9.00	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	36.32	8.58	5.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	61.15	22.33	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	29.16	8.06	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	81.17	13.19	4.95	0.0	0.08	0.0	0.0	0.0	0.0	0.0
14.45	53.19	5.18	10.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	62.57	12.35	5.05	0.0	0.08	0.0	0.0	0.0	0.0	0.0
14.44	42.30	15.99	4.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	41.44	21.64	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	70.62	11.58	5.11	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.44	37.13	15.51	4.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.43	46.91	21.28	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	47.98	14.87	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	40.54	20.77	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	34.09	18.19	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	37.05	14.39	4.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	52.68	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	49.41	20.25	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	24.33	17.78	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	50.73	13.76	4.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	39.65	19.82	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	48.87	25.02	2.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	37.87	13.19	4.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	37.36	17.11	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	36.83	5.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	98.90	22.17	3.03	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.39	41.32	12.68	4.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	46.37	12.31	4.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	84.53	14.79	4.20	0.0	0.06	0.0	0.0	0.0	0.0	0.0
14.38	33.06	11.21	4.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	42.13	10.65	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	32.23	10.23	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	47.80	9.63	5.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.42	16.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	31.02	8.99	5.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.96	8.58	5.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	29.16	8.06	5.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	71.09	16.28	3.90	0.0	0.13	0.0	0.0	0.0	0.0	0.0
14.37	27.70	7.15	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	41.29	15.99	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	47.61	23.38	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	40.74	6.48	5.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	36.90	15.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	35.60	22.81	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	38.11	18.19	3.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	24.69	5.85	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.35	95.54	23.95	6.77	0.0	0.43	0.0	0.0	0.0	0.0	0.0
14.35	43.75	14.87	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	38.27	5.18	5.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	2152.58	15.49	11.11	0.0	0.39	0.0	0.0	0.0	0.0	0.0
14.33	38.23	14.39	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	32.96	21.62	2.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	51.49	10.54	9.49	0.0	0.30	0.0	0.0	0.0	0.0	0.0
14.32	35.54	21.28	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.20	17.11	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	26.45	5.55	11.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.78	13.76	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	30.24	20.77	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	17.50	13.35	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	20.21	13.20	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	67.82	12.31	11.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	52.95	16.50	3.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	120.45	15.85	7.67	0.0	0.48	0.0	0.0	0.0	0.0	0.0
14.30	67.88	14.13	3.69	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.30	28.18	8.06	4.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	61.06	7.93	4.68	0.0	0.01	0.0	0.0	0.0	0.0	0.0
14.30	28.20	8.98	4.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	48.32	25.04	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	131.70	13.03	3.83	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.29	54.92	15.04	3.48	0.0	0.08	0.0	0.0	0.0	0.0	0.0
14.29	77.71	8.42	4.56	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.29	105.87	21.89	6.45	0.0	0.47	0.0	0.0	0.0	0.0	0.0
14.29	26.60	11.25	4.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	37.13	11.64	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	72.22	15.32	3.40	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.29	42.66	15.49	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	36.83	23.84	1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	30.41	5.85	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	46.56	23.38	2.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	29.09	19.23	2.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	89.42	16.63	3.10	0.0	0.14	0.0	0.0	0.0	0.0	0.0
14.28	51.37	14.87	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	45.24	22.33	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	20.85	17.77	2.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	38.59	14.39	3.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	30.16	21.61	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	31.55	21.28	2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	26.82	20.77	2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	45.63	13.76	3.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	30.45	20.25	2.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	23.48	19.85	2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	35.33	13.35	3.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	24.54	19.23	2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	24.86	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	55.34	17.11	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	41.03	12.68	3.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	33.10	12.31	3.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	38.33	11.64	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	27.97	11.27	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	38.74	10.65	3.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.36	10.21	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	43.18	9.63	3.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.74	8.97	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	54.37	12.11	3.48	0.0	0.08	0.0	0.0	0.0	0.0	0.0
14.23	28.38	8.06	4.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	32.51	7.53	4.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	27.71	7.16	4.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.06	28.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	162.77	25.36	6.41	0.0	0.25	0.0	0.0	0.0	0.0	0.0
14.22	170.46	25.96	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	164.11	24.42	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	163.47	18.53	6.71	0.0	0.16	0.0	0.0	0.0	0.0	0.0
14.22	133.86	21.17	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	138.19	19.49	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	35.63	18.06	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	102.49	16.77	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	104.53	15.42	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	145.03	13.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	94.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.48	9.91	6.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.22	223.18	15.22	7.75	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.21	90.04	7.57	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	251.85	9.63	7.66	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.21	115.17	3.67	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	155.00	2.18	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	59.04	24.01	7.05	0.0	0.01	0.0	0.0	0.0	0.0	0.0
14.21	26.17	5.18	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	13.29	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	17.99	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	53.99	29.13	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	123.00	12.88	8.51	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.20	65.43	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	53.99	1.65	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	47.23	29.13	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	46.44	10.16	6.90	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.20	28.85	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	35.15	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	101.85	14.54	9.71	0.0	2.55e-03	0.0	0.0	0.0	0.0	0.0
14.19	29.23	19.09	11.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	40.48	29.13	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	75.62	25.69	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	18.39	19.23	11.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	135.87	16.04	5.57	0.0	0.47	0.0	0.0	0.0	0.0	0.0
14.18	59.00	24.43	1.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	41.64	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	76.49	15.66	8.62	0.0	0.23	0.0	0.0	0.0	0.0	0.0
14.18	39.39	23.83	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	33.45	1.65	11.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	52.17	23.38	1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	58.75	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	21.11	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	37.60	22.73	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	51.14	22.33	1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	2207.36	15.62	11.93	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.17	35.78	21.59	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	37.83	21.28	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	66.47	23.20	3.19	0.0	0.16	0.0	0.0	0.0	0.0	0.0
14.17	35.95	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	39.24	20.25	1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.03	13.34	6.41	0.0	0.51	0.0	0.0	0.0	0.0	0.0
14.16	69.91	25.69	11.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	60.93	19.15	3.17	0.0	0.16	0.0	0.0	0.0	0.0	0.0
14.16	56.55	19.04	1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.40	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	127.96	18.85	3.85	0.0	0.17	0.0	0.0	0.0	0.0	0.0
14.16	29.64	17.77	2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	43.35	24.30	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	132.48	14.85	6.40	0.0	0.50	0.0	0.0	0.0	0.0	0.0
14.15	39.86	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.85	16.50	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.75	16.42	4.05	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.15	84.66	16.65	4.11	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.15	81.23	13.22	2.71	0.0	0.06	0.0	0.0	0.0	0.0	0.0
14.15	82.73	13.18	4.05	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.15	21.86	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	56.48	13.05	3.81	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.15	69.24	12.88	4.12	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.15	42.16	15.46	2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	28.78	8.96	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	74.54	5.18	4.59	0.0	0.07	0.0	0.0	0.0	0.0	0.0
14.14	46.75	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	92.74	12.43	2.79	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.14	39.37	8.80	3.74	0.0	0.11	0.0	0.0	0.0	0.0	0.0
14.14	104.63	13.23	6.11	0.0	0.48	0.0	0.0	0.0	0.0	0.0
14.14	60.49	13.50	3.33	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.13	44.10	13.76	2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	27.93	11.31	2.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	70.71	12.45	2.71	0.0	0.01	0.0	0.0	0.0	0.0	0.0
14.13	81.41	14.62	2.98	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.13	57.65	10.32	3.37	0.0	0.12	0.0	0.0	0.0	0.0	0.0
14.13	41.59	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.12	224.50	14.31	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	41.57	12.74	3.51	0.0	0.09	0.0	0.0	0.0	0.0	0.0
14.11	36.06	25.69	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.11	61.60	14.94	3.39	0.0	9.09e-03	0.0	0.0	0.0	0.0	0.0
14.11	16.96	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	47.73	12.31	12.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	1952.37	15.81	1.76	0.0	0.17	0.0	0.0	0.0	0.0	0.0
14.07	26.42	19.09	12.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.06	12.39	19.23	12.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	17.39	22.33	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	13.16	22.65	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	3209.66	15.39	12.68	0.0	0.0	15.74	12.68	1.1765e-04	1.373	6.2240e-04
14.01	25.36	23.51	-0.03	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.01	16.28	25.08	-0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.00	545.87	14.34	1.46	0.0	0.16	0.0	0.0	0.0	0.0	0.0
13.82	2601.25	15.40	13.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.63	1384.82	15.40	14.34	0.0	0.0	15.43	14.34	0.095	0.028	0.0
13.51	4869.50	16.00	7.39	0.0	0.63	19.47	9.12	0.603	0.226	0.327
13.41	5.273e+04	15.85	7.64	0.0	0.63	14.77	7.37	0.836	0.149	0.032
13.31	4324.18	16.20	7.27	0.0	0.63	16.43	7.22	1.056	0.023	0.004
12.56	9219.00	16.13	7.38	0.0	0.63	16.22	7.18	0.980	0.009	0.023
11.78	9339.06	16.13	7.36	0.0	0.63	16.39	7.18	0.982	0.025	0.021
11.20	283.34	14.71	9.83	0.0	0.10	14.72	9.09	1.170	0.012	0.520
11.00	9007.32	16.19	7.27	0.0	0.63	16.27	7.18	1.031	0.008	0.010
10.62	262.88	14.71	9.83	0.0	0.10	14.72	9.09	1.170	0.012	0.520
10.23	4497.59	16.20	7.27	0.0	0.63	14.78	7.33	0.756	0.174	0.010
10.13	1.632e+05	15.80	8.40	0.0	0.71	14.77	7.39	0.817	0.141	0.120
10.03	4324.18	16.20	7.27	0.0	0.63	16.43	7.22	1.056	0.023	0.004
9.28	9219.00	16.13	7.38	0.0	0.63	16.22	7.18	0.980	0.009	0.023
8.50	9326.91	16.14	7.36	0.0	0.63	16.39	7.18	0.982	0.024	0.020
7.92	283.34	14.71	9.83	0.0	0.10	14.72	9.09	1.170	0.012	0.520
7.72	8995.18	16.19	7.27	0.0	0.63	16.27	7.18	1.031	0.007	0.009
7.34	262.88	14.71	9.83	0.0	0.10	14.72	9.09	1.170	0.012	0.520
6.94	4497.59	16.20	7.27	0.0	0.63	14.78	7.17	0.929	0.174	0.011
6.84	1.626e+05	15.79	8.41	0.0	0.71	14.77	7.42	0.725	0.136	0.153
6.74	5323.51	16.20	7.27	0.0	0.63	16.43	7.22	1.056	0.023	0.004
5.96	1.105e+04	16.14	7.36	0.0	0.63	16.23	7.18	0.981	0.009	0.021
5.19	1.103e+04	16.14	7.35	0.0	0.63	16.40	7.18	0.983	0.025	0.020
4.41	9316.78	16.13	7.37	0.0	0.63	16.24	7.19	1.030	0.010	0.020
3.88	8211.18	16.20	7.27	0.0	0.63	14.78	7.33	0.756	0.174	0.010
3.63	4050.96	19.09	10.18	0.0	0.22	18.33	9.64	4.491	0.044	0.092
Risulta	5.517e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kg		kg		kg			
1	2.519	0.397	0.191	7387.32	1.3	4.625e+05	83.8	0.0	0.0	0.0	0.0
2	2.785	0.359	0.211	3.764e+05	68.2	8843.86	1.6	0.0	0.0	0.0	0.0
3	3.552	0.282	0.253	7.295e+04	13.2	4.60	8.34e-04	0.0	0.0	0.0	0.0
4	7.528	0.133	0.253	4.194e+04	7.6	9289.83	1.7	0.0	0.0	0.0	0.0
5	7.727	0.129	0.253	5491.95	1.0	3.478e+04	6.3	0.0	0.0	0.0	0.0
6	8.000	0.125	0.253	2263.00	0.4	1.072e+04	1.9	0.0	0.0	0.0	0.0
7	8.330	0.120	0.253	373.89	6.77e-02	1330.17	0.2	0.0	0.0	0.0	0.0
8	8.703	0.115	0.253	549.90	9.96e-02	583.43	0.1	0.0	0.0	0.0	0.0
9	8.814	0.113	0.253	0.05	8.73e-06	1.44	2.61e-04	0.0	0.0	0.0	0.0
10	8.849	0.113	0.253	107.68	1.95e-02	0.11	1.91e-05	0.0	0.0	0.0	0.0
11	9.053	0.110	0.253	2167.70	0.4	15.37	2.79e-03	0.0	0.0	0.0	0.0
12	9.115	0.110	0.253	762.01	0.1	18.79	3.41e-03	0.0	0.0	0.0	0.0
13	9.216	0.109	0.253	667.64	0.1	678.30	0.1	0.0	0.0	0.0	0.0
14	9.243	0.108	0.253	325.61	5.90e-02	99.78	1.81e-02	0.0	0.0	0.0	0.0
15	9.256	0.108	0.253	1031.31	0.2	298.38	5.41e-02	0.0	0.0	0.0	0.0
16	9.486	0.105	0.253	6774.95	1.2	0.03	4.81e-06	0.0	0.0	0.0	0.0
17	9.759	0.102	0.253	759.34	0.1	140.03	2.54e-02	0.0	0.0	0.0	0.0
18	10.063	0.099	0.252	46.65	8.45e-03	34.99	6.34e-03	0.0	0.0	0.0	0.0
19	10.313	0.097	0.250	2525.81	0.5	678.14	0.1	0.0	0.0	0.0	0.0
20	10.341	0.097	0.250	1304.34	0.2	224.63	4.07e-02	0.0	0.0	0.0	0.0
21	10.382	0.096	0.250	1553.51	0.3	385.94	7.00e-02	0.0	0.0	0.0	0.0
22	10.446	0.096	0.249	580.03	0.1	799.98	0.1	0.0	0.0	0.0	0.0
23	10.486	0.095	0.249	3989.41	0.7	145.46	2.64e-02	0.0	0.0	0.0	0.0
24	10.629	0.094	0.248	29.19	5.29e-03	529.24	9.59e-02	0.0	0.0	0.0	0.0
25	10.705	0.093	0.247	6.81	1.23e-03	16.88	3.06e-03	0.0	0.0	0.0	0.0
26	10.713	0.093	0.247	1.66	3.00e-04	0.03	6.14e-06	0.0	0.0	0.0	0.0
27	10.768	0.093	0.247	0.02	3.90e-06	690.23	0.1	0.0	0.0	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
28	10.914	0.092	0.246	196.57	3.56e-02	2010.63	0.4	0.0	0.0	0.0	0.0
29	10.929	0.092	0.245	530.30	9.61e-02	3078.14	0.6	0.0	0.0	0.0	0.0
30	11.097	0.090	0.244	1.54	2.79e-04	0.51	9.28e-05	0.0	0.0	0.0	0.0
Risulta				5.307e+05		5.379e+05		0.0			
In percentuale				96.17		97.49		0.0			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.253 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.401 sec.
			fattore di struttura q: 1.600
			fattore per spost. mu d: 1.600
			classe di duttilità CD: B
			numero di modi considerati: 30
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kg	m	m	m	m	m	m			
15.18	1902.25	14.84	7.53	1.37	0.0	15.87	7.53	0.004	0.175	3.2989e-06
15.10	29.36	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.09	26.62	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	72.66	25.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	13.13	19.23	7.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	46.36	24.94	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	25.89	5.55	8.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.05	44.33	24.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.04	40.78	23.91	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	62.85	25.69	8.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	45.20	23.38	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.02	46.02	22.88	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	2183.18	15.45	8.27	1.37	0.0	0.0	0.0	0.0	0.0	0.0
15.01	33.78	12.71	8.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	50.89	25.69	7.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	47.76	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	53.74	22.33	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	41.85	21.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	33.71	24.95	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.98	60.13	20.77	7.75	0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.97	37.74	24.43	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	19.36	19.09	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	47.04	20.75	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	29.68	23.90	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	45.25	20.25	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	42.10	19.78	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	38.63	23.38	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	35.81	19.23	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	31.07	22.89	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	76.02	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.41	19.09	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.61	19.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	11.00	18.80	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	13.66	18.72	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	44.88	22.33	6.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	25.25	18.19	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	51.34	24.96	6.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.90	73.95	19.53	7.25	0.20	0.0	0.0	0.0	0.0	0.0	0.0
14.90	56.48	24.43	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	55.40	5.18	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	108.22	24.02	8.07	0.22	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.89	68.16	17.11	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	24.23	19.04	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	42.57	23.90	6.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	33.36	20.75	6.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	50.98	16.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	28.88	5.55	8.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	95.69	21.99	6.57	0.16	0.0	0.0	0.0	0.0	0.0	0.0
14.86	43.81	15.99	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	81.15	17.32	7.24	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.85	42.26	22.90	6.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	45.72	19.09	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	21.49	19.23	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	14.33	19.04	6.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	2166.91	15.46	9.00	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.84	37.62	19.23	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	57.98	14.87	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	33.82	12.74	9.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	60.43	22.33	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	54.76	12.31	9.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	49.95	14.37	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	41.88	21.71	6.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	57.61	18.19	6.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.81	60.47	13.76	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	50.50	21.28	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	66.21	18.32	6.70	0.06	0.0	0.0	0.0	0.0	0.0	0.0
14.80	49.12	13.13	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	41.49	12.68	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	40.91	20.76	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	74.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	64.44	17.11	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	69.15	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	50.65	20.25	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	41.97	16.44	6.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	59.20	11.64	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	45.20	15.99	6.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	39.94	19.79	6.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	48.86	24.98	5.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	82.06	13.30	7.17	0.22	0.0	0.0	0.0	0.0	0.0	0.0
14.75	65.62	5.18	9.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	91.84	18.66	6.23	0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.74	41.81	19.23	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	53.77	14.87	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	54.75	19.04	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	44.28	10.28	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	38.73	23.88	5.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	47.90	18.19	6.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	40.12	14.37	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	56.20	9.63	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	46.80	23.38	5.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	55.95	13.76	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	19.29	5.55	9.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	43.28	9.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	36.79	22.91	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	66.54	22.45	5.33	0.39	0.0	0.0	0.0	0.0	0.0	0.0
14.70	39.15	13.15	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	47.76	8.58	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	8.57	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	82.15	23.30	5.10	0.13	0.0	0.0	0.0	0.0	0.0	0.0
14.69	41.66	12.68	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	64.98	25.69	9.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	40.65	7.98	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	98.72	20.91	8.04	0.27	0.0	0.0	0.0	0.0	0.0	0.0
14.68	51.42	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	23.38	19.23	9.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	34.63	21.68	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	38.48	7.53	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	2155.67	15.46	9.74	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.67	24.65	23.88	4.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	52.29	11.64	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	108.05	18.65	5.67	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.67	42.90	7.12	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	33.74	12.78	9.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	30.01	23.38	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	42.90	16.46	5.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.66	32.96	11.10	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	47.78	15.99	6.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.21	20.76	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	161.15	14.45	7.70	0.61	0.0	0.0	0.0	0.0	0.0	0.0
14.65	53.25	6.48	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	74.78	13.26	6.39	0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.65	85.63	19.12	5.41	0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.64	35.70	22.33	4.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	58.99	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	48.70	5.86	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	47.83	9.63	6.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	12.67	5.55	9.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	54.81	14.87	6.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	29.85	19.80	5.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	23.90	21.68	4.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	31.06	9.03	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	57.39	24.99	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	124.35	11.81	6.45	0.81	0.0	0.0	0.0	0.0	0.0	0.0
14.62	30.81	19.23	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	37.30	8.58	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	44.60	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	23.17	20.76	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	59.43	24.43	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	56.36	13.76	6.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	29.12	8.06	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	28.47	20.25	4.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	33.29	7.53	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	48.91	23.87	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	101.08	8.29	8.50	0.40	0.0	0.0	0.0	0.0	0.0	0.0
14.60	22.45	19.80	4.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	27.69	7.13	6.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	52.84	23.38	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	42.20	12.68	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	23.80	19.23	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	49.03	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	75.55	12.25	6.06	0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.58	48.36	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	51.04	11.64	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	31.38	5.86	7.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	32.99	11.14	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	64.86	22.33	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	38.89	10.65	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	31.88	5.18	7.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	146.37	17.62	5.03	0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.56	32.25	10.26	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	55.89	13.99	6.34	0.55	0.0	0.0	0.0	0.0	0.0	0.0
14.55	147.60	15.87	5.26	0.60	0.0	0.0	0.0	0.0	0.0	0.0
14.54	31.04	9.02	6.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.54	90.90	18.55	4.75	0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.54	36.68	8.58	6.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	29.16	8.06	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	50.15	20.76	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	54.89	14.87	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	57.90	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	33.37	7.53	6.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	93.14	17.65	4.74	0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.52	27.70	7.14	6.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	68.17	19.09	10.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	26.22	19.23	10.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	50.49	25.01	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	52.36	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	44.85	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	98.59	10.64	5.79	0.36	0.0	0.0	0.0	0.0	0.0	0.0
14.51	2143.44	15.45	10.47	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.50	42.10	5.86	6.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	58.75	24.43	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	51.17	5.18	6.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	85.24	16.43	4.77	0.30	0.0	0.0	0.0	0.0	0.0	0.0
14.50	33.71	12.81	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	38.93	19.04	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	41.96	23.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	42.73	12.68	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	49.70	12.31	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	115.87	12.02	8.37	0.03	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.48	71.77	18.59	5.40	0.89	0.0	0.0	0.0	0.0	0.0	0.0
14.48	33.03	11.18	5.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	40.40	18.19	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	40.51	10.65	5.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	32.24	10.25	5.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	41.71	22.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	77.47	12.75	5.13	0.41	0.0	0.0	0.0	0.0	0.0	0.0
14.46	31.03	9.00	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	36.32	8.58	5.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	61.15	22.33	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	29.16	8.06	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	81.17	13.19	4.95	0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.45	53.19	5.18	10.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	62.57	12.35	5.05	0.47	0.0	0.0	0.0	0.0	0.0	0.0
14.44	42.30	15.99	4.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	41.44	21.64	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	70.62	11.58	5.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.44	37.13	15.51	4.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.43	46.91	21.28	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	47.98	14.87	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	40.54	20.77	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	34.09	18.19	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	37.05	14.39	4.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	52.68	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	49.41	20.25	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	24.33	17.78	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	50.73	13.76	4.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	39.65	19.82	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	48.87	25.02	2.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	37.87	13.19	4.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	37.36	17.11	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	36.83	5.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	98.90	22.17	3.03	0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.39	41.32	12.68	4.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	46.37	12.31	4.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	84.53	14.79	4.20	0.37	0.0	0.0	0.0	0.0	0.0	0.0
14.38	33.06	11.21	4.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	42.13	10.65	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	32.23	10.23	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	47.80	9.63	5.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.42	16.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	31.02	8.99	5.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.96	8.58	5.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	29.16	8.06	5.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	71.09	16.28	3.90	0.82	0.0	0.0	0.0	0.0	0.0	0.0
14.37	27.70	7.15	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	41.29	15.99	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	47.61	23.38	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	40.74	6.48	5.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	36.90	15.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	35.60	22.81	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	38.11	18.19	3.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	24.69	5.85	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	95.54	23.95	6.77	0.17	0.0	0.0	0.0	0.0	0.0	0.0
14.35	43.75	14.87	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	38.27	5.18	5.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	2152.58	15.49	11.11	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.33	38.23	14.39	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	32.96	21.62	2.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	51.49	10.54	9.49	0.38	0.0	0.0	0.0	0.0	0.0	0.0
14.32	35.54	21.28	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.20	17.11	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	26.45	5.55	11.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.78	13.76	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	30.24	20.77	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	17.50	13.35	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	20.21	13.20	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	67.82	12.31	11.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	52.95	16.50	3.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	120.45	15.85	7.67	1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.30	67.88	14.13	3.69	0.64	0.0	0.0	0.0	0.0	0.0	0.0
14.30	28.18	8.06	4.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	61.06	7.93	4.68	0.07	0.0	0.0	0.0	0.0	0.0	0.0
14.30	28.20	8.98	4.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.30	48.32	25.04	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	131.70	13.03	3.83	0.32	0.0	0.0	0.0	0.0	0.0	0.0
14.29	54.92	15.04	3.48	0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.29	77.71	8.42	4.56	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.29	105.87	21.89	6.45	0.27	0.0	0.0	0.0	0.0	0.0	0.0
14.29	26.60	11.25	4.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	37.13	11.64	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	72.22	15.32	3.40	0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.29	42.66	15.49	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	36.83	23.84	1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	30.41	5.85	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	46.56	23.38	2.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	29.09	19.23	2.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	89.42	16.63	3.10	0.88	0.0	0.0	0.0	0.0	0.0	0.0
14.28	51.37	14.87	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	45.24	22.33	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	20.85	17.77	2.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	38.59	14.39	3.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	30.16	21.61	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	31.55	21.28	2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	26.82	20.77	2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	45.63	13.76	3.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	30.45	20.25	2.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	23.48	19.85	2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	35.33	13.35	3.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	24.54	19.23	2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	24.86	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	55.34	17.11	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	41.03	12.68	3.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	33.10	12.31	3.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	38.33	11.64	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	27.97	11.27	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	38.74	10.65	3.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.36	10.21	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	43.18	9.63	3.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.74	8.97	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	54.37	12.11	3.48	0.46	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.38	8.06	4.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	32.51	7.53	4.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	27.71	7.16	4.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.06	28.74	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	162.77	25.36	6.41	0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.22	170.46	25.96	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	164.11	24.42	7.53	0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.22	163.47	18.53	6.71	0.83	0.0	0.0	0.0	0.0	0.0	0.0
14.22	133.86	21.17	7.53	0.04	0.0	0.0	0.0	0.0	0.0	0.0
14.22	138.19	19.49	7.53	0.04	0.0	0.0	0.0	0.0	0.0	0.0
14.22	35.63	18.06	7.53	0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.22	102.49	16.77	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	104.53	15.42	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	145.03	13.69	7.53	0.07	0.0	0.0	0.0	0.0	0.0	0.0
14.22	94.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.48	9.91	6.74	0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.22	223.18	15.22	7.75	1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	90.04	7.57	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	251.85	9.63	7.66	1.06	0.0	0.0	0.0	0.0	0.0	0.0
14.21	115.17	3.67	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	155.00	2.18	7.53	0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.21	59.04	24.01	7.05	0.33	0.0	0.0	0.0	0.0	0.0	0.0
14.21	26.17	5.18	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	13.29	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	17.99	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	53.99	29.13	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	123.00	12.88	8.51	1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.20	65.43	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	53.99	1.65	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	47.23	29.13	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	46.44	10.16	6.90	0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.20	28.85	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	35.15	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	101.85	14.54	9.71	1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.19	29.23	19.09	11.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	40.48	29.13	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	75.62	25.69	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.19	18.39	19.23	11.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	135.87	16.04	5.57	1.17	0.0	0.0	0.0	0.0	0.0	0.0
14.18	59.00	24.43	1.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	41.64	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	76.49	15.66	8.62	1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.18	39.39	23.83	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	33.45	1.65	11.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	52.17	23.38	1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	58.75	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	21.11	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	37.60	22.73	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	51.14	22.33	1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	2207.36	15.62	11.93	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.17	35.78	21.59	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	37.83	21.28	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	66.47	23.20	3.19	0.25	0.0	0.0	0.0	0.0	0.0	0.0
14.17	35.95	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	39.24	20.25	1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.03	13.34	6.41	0.72	0.0	0.0	0.0	0.0	0.0	0.0
14.16	69.91	25.69	11.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	60.93	19.15	3.17	9.70e-03	0.0	0.0	0.0	0.0	0.0	0.0
14.16	56.55	19.04	1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.40	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	127.96	18.85	3.85	0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.16	29.64	17.77	2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	43.35	24.30	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	132.48	14.85	6.40	0.92	0.0	0.0	0.0	0.0	0.0	0.0
14.15	39.86	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.85	16.50	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.75	16.42	4.05	0.73	0.0	0.0	0.0	0.0	0.0	0.0
14.15	84.66	16.65	4.11	0.70	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.23	13.22	2.71	0.40	0.0	0.0	0.0	0.0	0.0	0.0
14.15	82.73	13.18	4.05	0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.15	21.86	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	56.48	13.05	3.81	0.54	0.0	0.0	0.0	0.0	0.0	0.0
14.15	69.24	12.88	4.12	0.66	0.0	0.0	0.0	0.0	0.0	0.0
14.15	42.16	15.46	2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	28.78	8.96	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	74.54	5.18	4.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	46.75	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	92.74	12.43	2.79	0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.14	39.37	8.80	3.74	0.25	0.0	0.0	0.0	0.0	0.0	0.0
14.14	104.63	13.23	6.11	0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.14	60.49	13.50	3.33	0.42	0.0	0.0	0.0	0.0	0.0	0.0
14.13	44.10	13.76	2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	27.93	11.31	2.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	70.71	12.45	2.71	0.09	0.0	0.0	0.0	0.0	0.0	0.0
14.13	81.41	14.62	2.98	0.34	0.0	0.0	0.0	0.0	0.0	0.0
14.13	57.65	10.32	3.37	0.38	0.0	0.0	0.0	0.0	0.0	0.0
14.13	41.59	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.12	224.50	14.31	3.89	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.11	41.57	12.74	3.51	0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.11	36.06	25.69	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	61.60	14.94	3.39	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.11	16.96	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	47.73	12.31	12.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	1952.37	15.81	1.76	1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.07	26.42	19.09	12.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.06	12.39	19.23	12.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	17.39	22.33	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	13.16	22.65	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	3209.66	15.39	12.68	1.37	0.0	15.74	12.68	1.1765e-04	1.373	6.2240e-04
14.01	25.36	23.51	-0.03	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.01	16.28	25.08	-0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.00	545.87	14.34	1.46	0.96	0.0	0.0	0.0	0.0	0.0	0.0
13.82	2601.25	15.40	13.51	1.37	0.0	0.0	0.0	0.0	0.0	0.0
13.63	1384.82	15.40	14.34	1.37	0.0	15.43	14.34	0.095	0.028	0.0
13.51	4869.50	16.00	7.39	1.37	0.0	19.47	9.12	0.603	0.226	0.327
13.41	5.273e+04	15.85	7.64	1.37	0.0	14.77	7.37	0.836	0.149	0.032
13.31	4324.18	16.20	7.27	1.37	0.0	16.43	7.22	1.056	0.023	0.004
12.56	9219.00	16.13	7.38	1.37	0.0	16.22	7.18	0.980	0.009	0.023
11.78	9339.06	16.13	7.36	1.37	0.0	16.39	7.18	0.982	0.025	0.021
11.20	283.34	14.71	9.83	0.09	0.0	14.72	9.09	1.170	0.012	0.520
11.00	9007.32	16.19	7.27	1.37	0.0	16.27	7.18	1.031	0.008	0.010

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
10.62	262.88	14.71	9.83	0.09	0.0	14.72	9.09	1.170	0.012	0.520
10.23	4497.59	16.20	7.27	1.37	0.0	14.78	7.33	0.756	0.174	0.010
10.13	1.632e+05	15.80	8.40	1.37	0.0	14.77	7.39	0.817	0.141	0.120
10.03	4324.18	16.20	7.27	1.37	0.0	16.43	7.22	1.056	0.023	0.004
9.28	9219.00	16.13	7.38	1.37	0.0	16.22	7.18	0.980	0.009	0.023
8.50	9326.91	16.14	7.36	1.37	0.0	16.39	7.18	0.982	0.024	0.020
7.92	283.34	14.71	9.83	0.09	0.0	14.72	9.09	1.170	0.012	0.520
7.72	8995.18	16.19	7.27	1.37	0.0	16.27	7.18	1.031	0.007	0.009
7.34	262.88	14.71	9.83	0.09	0.0	14.72	9.09	1.170	0.012	0.520
6.94	4497.59	16.20	7.27	1.37	0.0	14.78	7.17	0.929	0.174	0.011
6.84	1.626e+05	15.79	8.41	1.37	0.0	14.77	7.42	0.725	0.136	0.153
6.74	5323.51	16.20	7.27	1.37	0.0	16.43	7.22	1.056	0.023	0.004
5.96	1.105e+04	16.14	7.36	1.37	0.0	16.23	7.18	0.981	0.009	0.021
5.19	1.103e+04	16.14	7.35	1.37	0.0	16.40	7.18	0.983	0.025	0.020
4.41	9316.78	16.13	7.37	1.37	0.0	16.24	7.19	1.030	0.010	0.020
3.88	8211.18	16.20	7.27	1.37	0.0	14.78	7.33	0.756	0.174	0.010
3.63	4050.96	19.09	10.18	0.0	0.0	18.33	9.64	4.491	0.044	0.092
Risulta	5.517e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kg		kg		kg			
1	2.496	0.401	0.189	8.99	1.63e-03	4.608e+05	83.5	0.0	0.0	0.0	0.0
2	2.854	0.350	0.216	4.141e+05	75.1	1220.97	0.2	0.0	0.0	0.0	0.0
3	3.553	0.281	0.253	4.232e+04	7.7	9432.70	1.7	0.0	0.0	0.0	0.0
4	7.372	0.136	0.253	377.95	6.85e-02	1.969e+04	3.6	0.0	0.0	0.0	0.0
5	7.667	0.130	0.253	1417.14	0.3	2.773e+04	5.0	0.0	0.0	0.0	0.0
6	7.904	0.127	0.253	5.285e+04	9.6	3972.05	0.7	0.0	0.0	0.0	0.0
7	8.411	0.119	0.253	102.22	1.85e-02	430.47	7.80e-02	0.0	0.0	0.0	0.0
8	8.671	0.115	0.253	45.98	8.33e-03	396.94	7.19e-02	0.0	0.0	0.0	0.0
9	8.719	0.115	0.253	201.36	3.65e-02	1638.41	0.3	0.0	0.0	0.0	0.0
10	9.253	0.108	0.253	4726.71	0.9	1182.92	0.2	0.0	0.0	0.0	0.0
11	9.389	0.107	0.253	5.59	1.01e-03	0.16	2.82e-05	0.0	0.0	0.0	0.0
12	9.429	0.106	0.253	408.10	7.40e-02	39.55	7.17e-03	0.0	0.0	0.0	0.0
13	9.468	0.106	0.253	642.23	0.1	722.80	0.1	0.0	0.0	0.0	0.0
14	9.514	0.105	0.253	2943.76	0.5	843.53	0.2	0.0	0.0	0.0	0.0
15	9.677	0.103	0.253	434.94	7.88e-02	17.36	3.15e-03	0.0	0.0	0.0	0.0
16	9.855	0.101	0.253	16.38	2.97e-03	681.22	0.1	0.0	0.0	0.0	0.0
17	9.867	0.101	0.253	232.23	4.21e-02	1.91	3.46e-04	0.0	0.0	0.0	0.0
18	9.884	0.101	0.253	615.55	0.1	500.47	9.07e-02	0.0	0.0	0.0	0.0
19	10.439	0.096	0.249	115.67	2.10e-02	5165.88	0.9	0.0	0.0	0.0	0.0
20	10.544	0.095	0.248	55.20	1.00e-02	24.20	4.39e-03	0.0	0.0	0.0	0.0
21	10.591	0.094	0.248	20.92	3.79e-03	945.18	0.2	0.0	0.0	0.0	0.0
22	10.642	0.094	0.248	61.37	1.11e-02	33.53	6.08e-03	0.0	0.0	0.0	0.0
23	10.651	0.094	0.247	48.03	8.71e-03	26.12	4.73e-03	0.0	0.0	0.0	0.0
24	10.696	0.093	0.247	256.91	4.66e-02	207.49	3.76e-02	0.0	0.0	0.0	0.0
25	10.852	0.092	0.246	438.52	7.95e-02	80.83	1.46e-02	0.0	0.0	0.0	0.0
26	10.923	0.092	0.246	104.86	1.90e-02	23.88	4.33e-03	0.0	0.0	0.0	0.0
27	10.930	0.091	0.245	402.43	7.29e-02	27.27	4.94e-03	0.0	0.0	0.0	0.0
28	10.958	0.091	0.245	846.69	0.2	2.59	4.69e-04	0.0	0.0	0.0	0.0
29	11.040	0.091	0.245	3723.63	0.7	645.06	0.1	0.0	0.0	0.0	0.0
30	11.061	0.090	0.245	583.20	0.1	213.36	3.87e-02	0.0	0.0	0.0	0.0
Risulta				5.281e+05		5.367e+05		0.0			
In percentuale				95.72		97.28		0.0			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.253 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.405 sec.
			fattore di struttura q: 1.600

CDC	Tipo	Sigla Id	Note
			fattore per spost. mu d: 1.600
			classe di duttilità CD: B
			numero di modi considerati: 30
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kg	m	m	m	m	m	m			
15.18	1902.25	14.84	7.53	-1.37	0.0	15.87	7.53	0.004	0.175	3.2989e-06
15.10	29.36	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.09	26.62	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	72.66	25.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	13.13	19.23	7.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	46.36	24.94	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	25.89	5.55	8.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.05	44.33	24.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.04	40.78	23.91	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	62.85	25.69	8.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	45.20	23.38	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.02	46.02	22.88	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	2183.18	15.45	8.27	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
15.01	33.78	12.71	8.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	50.89	25.69	7.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	47.76	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	53.74	22.33	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	41.85	21.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	33.71	24.95	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.98	60.13	20.77	7.75	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.97	37.74	24.43	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	19.36	19.09	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	47.04	20.75	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	29.68	23.90	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	45.25	20.25	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	42.10	19.78	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	38.63	23.38	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	35.81	19.23	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	31.07	22.89	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	76.02	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.41	19.09	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.61	19.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	11.00	18.80	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	13.66	18.72	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	44.88	22.33	6.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	25.25	18.19	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	51.34	24.96	6.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.90	73.95	19.53	7.25	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
14.90	56.48	24.43	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	55.40	5.18	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	108.22	24.02	8.07	-0.22	0.0	0.0	0.0	0.0	0.0	0.0
14.89	68.16	17.11	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	24.23	19.04	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	42.57	23.90	6.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	33.36	20.75	6.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	50.98	16.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	28.88	5.55	8.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	95.69	21.99	6.57	-0.16	0.0	0.0	0.0	0.0	0.0	0.0
14.86	43.81	15.99	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	81.15	17.32	7.24	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.85	42.26	22.90	6.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	45.72	19.09	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	21.49	19.23	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	14.33	19.04	6.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	2166.91	15.46	9.00	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.84	37.62	19.23	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	57.98	14.87	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	33.82	12.74	9.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	60.43	22.33	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	54.76	12.31	9.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	49.95	14.37	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	41.88	21.71	6.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	57.61	18.19	6.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.81	60.47	13.76	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	50.50	21.28	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	66.21	18.32	6.70	-0.06	0.0	0.0	0.0	0.0	0.0	0.0
14.80	49.12	13.13	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	41.49	12.68	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	40.91	20.76	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	74.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	64.44	17.11	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	69.15	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	50.65	20.25	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	41.97	16.44	6.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	59.20	11.64	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	45.20	15.99	6.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	39.94	19.79	6.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	48.86	24.98	5.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	82.06	13.30	7.17	-0.22	0.0	0.0	0.0	0.0	0.0	0.0
14.75	65.62	5.18	9.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	91.84	18.66	6.23	-0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.74	41.81	19.23	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	53.77	14.87	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	54.75	19.04	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	44.28	10.28	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	38.73	23.88	5.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	47.90	18.19	6.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	40.12	14.37	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	56.20	9.63	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	46.80	23.38	5.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	55.95	13.76	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	19.29	5.55	9.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	43.28	9.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	36.79	22.91	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	66.54	22.45	5.33	-0.39	0.0	0.0	0.0	0.0	0.0	0.0
14.70	39.15	13.15	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	47.76	8.58	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	8.57	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	82.15	23.30	5.10	-0.13	0.0	0.0	0.0	0.0	0.0	0.0
14.69	41.66	12.68	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	64.98	25.69	9.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	40.65	7.98	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	98.72	20.91	8.04	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
14.68	51.42	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	23.38	19.23	9.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	34.63	21.68	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	38.48	7.53	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	2155.67	15.46	9.74	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.67	24.65	23.88	4.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	52.29	11.64	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	108.05	18.65	5.67	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.67	42.90	7.12	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	33.74	12.78	9.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	30.01	23.38	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	42.90	16.46	5.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.96	11.10	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	47.78	15.99	6.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.21	20.76	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	161.15	14.45	7.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0
14.65	53.25	6.48	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	74.78	13.26	6.39	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.65	85.63	19.12	5.41	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.64	35.70	22.33	4.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	58.99	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	48.70	5.86	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	47.83	9.63	6.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	12.67	5.55	9.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	54.81	14.87	6.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	29.85	19.80	5.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	23.90	21.68	4.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	31.06	9.03	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	57.39	24.99	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	124.35	11.81	6.45	-0.81	0.0	0.0	0.0	0.0	0.0	0.0
14.62	30.81	19.23	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	37.30	8.58	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	44.60	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	23.17	20.76	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.61	59.43	24.43	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	56.36	13.76	6.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	29.12	8.06	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	28.47	20.25	4.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	33.29	7.53	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	48.91	23.87	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	101.08	8.29	8.50	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
14.60	22.45	19.80	4.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	27.69	7.13	6.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	52.84	23.38	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	42.20	12.68	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	23.80	19.23	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	49.03	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	75.55	12.25	6.06	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.58	48.36	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	51.04	11.64	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	31.38	5.86	7.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	32.99	11.14	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	64.86	22.33	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	38.89	10.65	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	31.88	5.18	7.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	146.37	17.62	5.03	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.56	32.25	10.26	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	55.89	13.99	6.34	-0.55	0.0	0.0	0.0	0.0	0.0	0.0
14.55	147.60	15.87	5.26	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
14.54	31.04	9.02	6.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.54	90.90	18.55	4.75	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.54	36.68	8.58	6.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	29.16	8.06	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	50.15	20.76	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	54.89	14.87	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	57.90	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	33.37	7.53	6.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	93.14	17.65	4.74	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.52	27.70	7.14	6.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	68.17	19.09	10.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	26.22	19.23	10.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	50.49	25.01	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	52.36	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	44.85	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	98.59	10.64	5.79	-0.36	0.0	0.0	0.0	0.0	0.0	0.0
14.51	2143.44	15.45	10.47	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.50	42.10	5.86	6.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	58.75	24.43	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	51.17	5.18	6.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	85.24	16.43	4.77	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
14.50	33.71	12.81	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	38.93	19.04	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	41.96	23.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	42.73	12.68	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	49.70	12.31	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	115.87	12.02	8.37	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.48	71.77	18.59	5.40	-0.89	0.0	0.0	0.0	0.0	0.0	0.0
14.48	33.03	11.18	5.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	40.40	18.19	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	40.51	10.65	5.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	32.24	10.25	5.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	41.71	22.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	77.47	12.75	5.13	-0.41	0.0	0.0	0.0	0.0	0.0	0.0
14.46	31.03	9.00	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	36.32	8.58	5.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	61.15	22.33	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	29.16	8.06	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	81.17	13.19	4.95	-0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.45	53.19	5.18	10.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	62.57	12.35	5.05	-0.47	0.0	0.0	0.0	0.0	0.0	0.0
14.44	42.30	15.99	4.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	41.44	21.64	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	70.62	11.58	5.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.44	37.13	15.51	4.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.43	46.91	21.28	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	47.98	14.87	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	40.54	20.77	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	34.09	18.19	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.42	37.05	14.39	4.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	52.68	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	49.41	20.25	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	24.33	17.78	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	50.73	13.76	4.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	39.65	19.82	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	48.87	25.02	2.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	37.87	13.19	4.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	37.36	17.11	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	36.83	5.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	98.90	22.17	3.03	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.39	41.32	12.68	4.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	46.37	12.31	4.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	84.53	14.79	4.20	-0.37	0.0	0.0	0.0	0.0	0.0	0.0
14.38	33.06	11.21	4.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	42.13	10.65	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	32.23	10.23	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	47.80	9.63	5.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.42	16.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	31.02	8.99	5.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.96	8.58	5.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	29.16	8.06	5.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	71.09	16.28	3.90	-0.82	0.0	0.0	0.0	0.0	0.0	0.0
14.37	27.70	7.15	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	41.29	15.99	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	47.61	23.38	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	40.74	6.48	5.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	36.90	15.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	35.60	22.81	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	38.11	18.19	3.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	24.69	5.85	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	95.54	23.95	6.77	-0.17	0.0	0.0	0.0	0.0	0.0	0.0
14.35	43.75	14.87	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	38.27	5.18	5.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	2152.58	15.49	11.11	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.33	38.23	14.39	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	32.96	21.62	2.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	51.49	10.54	9.49	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
14.32	35.54	21.28	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.20	17.11	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	26.45	5.55	11.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.78	13.76	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	30.24	20.77	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	17.50	13.35	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	20.21	13.20	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	67.82	12.31	11.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	52.95	16.50	3.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	120.45	15.85	7.67	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.30	67.88	14.13	3.69	-0.64	0.0	0.0	0.0	0.0	0.0	0.0
14.30	28.18	8.06	4.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	61.06	7.93	4.68	-0.07	0.0	0.0	0.0	0.0	0.0	0.0
14.30	28.20	8.98	4.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	48.32	25.04	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	131.70	13.03	3.83	-0.32	0.0	0.0	0.0	0.0	0.0	0.0
14.29	54.92	15.04	3.48	-0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.29	77.71	8.42	4.56	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.29	105.87	21.89	6.45	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
14.29	26.60	11.25	4.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	37.13	11.64	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	72.22	15.32	3.40	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.29	42.66	15.49	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	36.83	23.84	1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	30.41	5.85	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	46.56	23.38	2.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	29.09	19.23	2.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	89.42	16.63	3.10	-0.88	0.0	0.0	0.0	0.0	0.0	0.0
14.28	51.37	14.87	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	45.24	22.33	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	20.85	17.77	2.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	38.59	14.39	3.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	30.16	21.61	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	31.55	21.28	2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	26.82	20.77	2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	45.63	13.76	3.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.25	30.45	20.25	2.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	23.48	19.85	2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	35.33	13.35	3.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	24.54	19.23	2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	24.86	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	55.34	17.11	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	41.03	12.68	3.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	33.10	12.31	3.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	38.33	11.64	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	27.97	11.27	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	38.74	10.65	3.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.36	10.21	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	43.18	9.63	3.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.74	8.97	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	54.37	12.11	3.48	-0.46	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.38	8.06	4.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	32.51	7.53	4.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	27.71	7.16	4.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.06	28.74	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	162.77	25.36	6.41	-0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.22	170.46	25.96	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	164.11	24.42	7.53	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.22	163.47	18.53	6.71	-0.83	0.0	0.0	0.0	0.0	0.0	0.0
14.22	133.86	21.17	7.53	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
14.22	138.19	19.49	7.53	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
14.22	35.63	18.06	7.53	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.22	102.49	16.77	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	104.53	15.42	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	145.03	13.69	7.53	-0.07	0.0	0.0	0.0	0.0	0.0	0.0
14.22	94.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.48	9.91	6.74	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.22	223.18	15.22	7.75	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	90.04	7.57	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	251.85	9.63	7.66	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
14.21	115.17	3.67	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	155.00	2.18	7.53	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.21	59.04	24.01	7.05	-0.33	0.0	0.0	0.0	0.0	0.0	0.0
14.21	26.17	5.18	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	13.29	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	17.99	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	53.99	29.13	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	123.00	12.88	8.51	-1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.20	65.43	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	53.99	1.65	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	47.23	29.13	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	46.44	10.16	6.90	-0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.20	28.85	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	35.15	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	101.85	14.54	9.71	-1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.19	29.23	19.09	11.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	40.48	29.13	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	75.62	25.69	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	18.39	19.23	11.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	135.87	16.04	5.57	-1.17	0.0	0.0	0.0	0.0	0.0	0.0
14.18	59.00	24.43	1.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	41.64	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	76.49	15.66	8.62	-1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.18	39.39	23.83	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	33.45	1.65	11.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	52.17	23.38	1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	58.75	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	21.11	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	37.60	22.73	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	51.14	22.33	1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	2207.36	15.62	11.93	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.17	35.78	21.59	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	37.83	21.28	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	66.47	23.20	3.19	-0.25	0.0	0.0	0.0	0.0	0.0	0.0
14.17	35.95	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	39.24	20.25	1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.03	13.34	6.41	-0.72	0.0	0.0	0.0	0.0	0.0	0.0
14.16	69.91	25.69	11.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	60.93	19.15	3.17	-9.70e-03	0.0	0.0	0.0	0.0	0.0	0.0
14.16	56.55	19.04	1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.16	58.40	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	127.96	18.85	3.85	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.16	29.64	17.77	2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	43.35	24.30	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	132.48	14.85	6.40	-0.92	0.0	0.0	0.0	0.0	0.0	0.0
14.15	39.86	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.85	16.50	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.75	16.42	4.05	-0.73	0.0	0.0	0.0	0.0	0.0	0.0
14.15	84.66	16.65	4.11	-0.70	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.23	13.22	2.71	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
14.15	82.73	13.18	4.05	-0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.15	21.86	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	56.48	13.05	3.81	-0.54	0.0	0.0	0.0	0.0	0.0	0.0
14.15	69.24	12.88	4.12	-0.66	0.0	0.0	0.0	0.0	0.0	0.0
14.15	42.16	15.46	2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	28.78	8.96	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	74.54	5.18	4.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	46.75	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	92.74	12.43	2.79	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.14	39.37	8.80	3.74	-0.25	0.0	0.0	0.0	0.0	0.0	0.0
14.14	104.63	13.23	6.11	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.14	60.49	13.50	3.33	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
14.13	44.10	13.76	2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	27.93	11.31	2.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	70.71	12.45	2.71	-0.09	0.0	0.0	0.0	0.0	0.0	0.0
14.13	81.41	14.62	2.98	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
14.13	57.65	10.32	3.37	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
14.13	41.59	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.12	224.50	14.31	3.89	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.11	41.57	12.74	3.51	-0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.11	36.06	25.69	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	61.60	14.94	3.39	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.11	16.96	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	47.73	12.31	12.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	1952.37	15.81	1.76	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.07	26.42	19.09	12.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.06	12.39	19.23	12.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	17.39	22.33	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	13.16	22.65	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	3209.66	15.39	12.68	-1.37	0.0	15.74	12.68	1.1765e-04	1.373	6.2240e-04
14.01	25.36	23.51	-0.03	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.01	16.28	25.08	-0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.00	545.87	14.34	1.46	-0.96	0.0	0.0	0.0	0.0	0.0	0.0
13.82	2601.25	15.40	13.51	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
13.63	1384.82	15.40	14.34	-1.37	0.0	15.43	14.34	0.095	0.028	0.0
13.51	4869.50	16.00	7.39	-1.37	0.0	19.47	9.12	0.603	0.226	0.327
13.41	5.273e+04	15.85	7.64	-1.37	0.0	14.77	7.37	0.836	0.149	0.032
13.31	4324.18	16.20	7.27	-1.37	0.0	16.43	7.22	1.056	0.023	0.004
12.56	9219.00	16.13	7.38	-1.37	0.0	16.22	7.18	0.980	0.009	0.023
11.78	9339.06	16.13	7.36	-1.37	0.0	16.39	7.18	0.982	0.025	0.021
11.20	283.34	14.71	9.83	-0.09	0.0	14.72	9.09	1.170	0.012	0.520
11.00	9007.32	16.19	7.27	-1.37	0.0	16.27	7.18	1.031	0.008	0.010
10.62	262.88	14.71	9.83	-0.09	0.0	14.72	9.09	1.170	0.012	0.520
10.23	4497.59	16.20	7.27	-1.37	0.0	14.78	7.33	0.756	0.174	0.010
10.13	1.632e+05	15.80	8.40	-1.37	0.0	14.77	7.39	0.817	0.141	0.120
10.03	4324.18	16.20	7.27	-1.37	0.0	16.43	7.22	1.056	0.023	0.004
9.28	9219.00	16.13	7.38	-1.37	0.0	16.22	7.18	0.980	0.009	0.023
8.50	9326.91	16.14	7.36	-1.37	0.0	16.39	7.18	0.982	0.024	0.020
7.92	283.34	14.71	9.83	-0.09	0.0	14.72	9.09	1.170	0.012	0.520
7.72	8995.18	16.19	7.27	-1.37	0.0	16.27	7.18	1.031	0.007	0.009
7.34	262.88	14.71	9.83	-0.09	0.0	14.72	9.09	1.170	0.012	0.520
6.94	4497.59	16.20	7.27	-1.37	0.0	14.78	7.17	0.929	0.174	0.011
6.84	1.626e+05	15.79	8.41	-1.37	0.0	14.77	7.42	0.725	0.136	0.153
6.74	5323.51	16.20	7.27	-1.37	0.0	16.43	7.22	1.056	0.023	0.004
5.96	1.105e+04	16.14	7.36	-1.37	0.0	16.23	7.18	0.981	0.009	0.021
5.19	1.103e+04	16.14	7.35	-1.37	0.0	16.40	7.18	0.983	0.025	0.020
4.41	9316.78	16.13	7.37	-1.37	0.0	16.24	7.19	1.030	0.010	0.020
3.88	8211.18	16.20	7.27	-1.37	0.0	14.78	7.33	0.756	0.174	0.010
3.63	4050.96	19.09	10.18	0.0	0.0	18.33	9.64	4.491	0.044	0.092
Risulta	5.517e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kg		kg		kg			
1	2.472	0.405	0.187	1.443e+04	2.6	4.351e+05	78.9	0.0	0.0	0.0	0.0
2	2.876	0.348	0.218	4.010e+05	72.7	2.518e+04	4.6	0.0	0.0	0.0	0.0
3	3.499	0.286	0.253	4.100e+04	7.4	1.097e+04	2.0	0.0	0.0	0.0	0.0
4	7.395	0.135	0.253	1.083e+04	2.0	3.644e+04	6.6	0.0	0.0	0.0	0.0
5	8.061	0.124	0.253	3.790e+04	6.9	9077.18	1.6	0.0	0.0	0.0	0.0
6	8.104	0.123	0.253	1707.18	0.3	1.00	1.82e-04	0.0	0.0	0.0	0.0
7	8.151	0.123	0.253	3965.42	0.7	6554.77	1.2	0.0	0.0	0.0	0.0
8	8.459	0.118	0.253	1965.03	0.4	6.13	1.11e-03	0.0	0.0	0.0	0.0
9	8.701	0.115	0.253	800.73	0.1	1490.17	0.3	0.0	0.0	0.0	0.0
10	9.064	0.110	0.253	337.41	6.12e-02	1182.44	0.2	0.0	0.0	0.0	0.0
11	9.210	0.109	0.253	5006.78	0.9	2272.55	0.4	0.0	0.0	0.0	0.0
12	9.389	0.107	0.253	11.51	2.09e-03	0.03	5.53e-06	0.0	0.0	0.0	0.0
13	9.432	0.106	0.253	1064.11	0.2	1.88	3.41e-04	0.0	0.0	0.0	0.0
14	9.677	0.103	0.253	307.19	5.57e-02	3.91	7.09e-04	0.0	0.0	0.0	0.0
15	9.866	0.101	0.253	199.89	3.62e-02	2.65	4.80e-04	0.0	0.0	0.0	0.0
16	9.869	0.101	0.253	2.87	5.20e-04	58.74	1.06e-02	0.0	0.0	0.0	0.0
17	9.967	0.100	0.253	1.21	2.19e-04	74.05	1.34e-02	0.0	0.0	0.0	0.0
18	10.130	0.099	0.252	1683.92	0.3	2864.81	0.5	0.0	0.0	0.0	0.0
19	10.273	0.097	0.250	214.80	3.89e-02	2161.20	0.4	0.0	0.0	0.0	0.0
20	10.392	0.096	0.249	59.94	1.09e-02	138.73	2.51e-02	0.0	0.0	0.0	0.0
21	10.467	0.096	0.249	397.78	7.21e-02	1034.85	0.2	0.0	0.0	0.0	0.0
22	10.574	0.095	0.248	5.09	9.23e-04	3.39	6.14e-04	0.0	0.0	0.0	0.0
23	10.594	0.094	0.248	441.66	8.01e-02	341.06	6.18e-02	0.0	0.0	0.0	0.0
24	10.694	0.094	0.247	3.77	6.83e-04	8.49	1.54e-03	0.0	0.0	0.0	0.0
25	10.730	0.093	0.247	285.23	5.17e-02	1.20	2.18e-04	0.0	0.0	0.0	0.0
26	10.743	0.093	0.247	81.97	1.49e-02	116.64	2.11e-02	0.0	0.0	0.0	0.0
27	10.780	0.093	0.247	596.36	0.1	35.55	6.44e-03	0.0	0.0	0.0	0.0
28	10.877	0.092	0.246	260.95	4.73e-02	12.51	2.27e-03	0.0	0.0	0.0	0.0
29	10.929	0.091	0.245	4.61	8.36e-04	93.81	1.70e-02	0.0	0.0	0.0	0.0
30	10.934	0.091	0.245	3.79	6.88e-04	11.70	2.12e-03	0.0	0.0	0.0	0.0
Risulta				5.246e+05		5.352e+05		0.0			
In percentuale				95.09		97.02		0.0			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.173 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.344 sec.
			numero di modi considerati: 30
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kg	m	m	m	m	m	m			
15.18	1902.25	14.84	7.53	0.0	0.0	15.87	7.53	0.004	0.175	3.2989e-06
15.10	29.36	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.09	26.62	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	72.66	25.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	13.13	19.23	7.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	46.36	24.94	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	25.89	5.55	8.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.05	44.33	24.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.04	40.78	23.91	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	62.85	25.69	8.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	45.20	23.38	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.02	46.02	22.88	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	2183.18	15.45	8.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	33.78	12.71	8.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	50.89	25.69	7.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	47.76	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
15.00	53.74	22.33	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	41.85	21.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	33.71	24.95	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.98	60.13	20.77	7.75	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.97	37.74	24.43	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	19.36	19.09	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	47.04	20.75	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	29.68	23.90	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	45.25	20.25	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	42.10	19.78	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	38.63	23.38	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	35.81	19.23	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	31.07	22.89	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	76.02	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.41	19.09	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.61	19.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	11.00	18.80	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	13.66	18.72	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	44.88	22.33	6.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	25.25	18.19	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	51.34	24.96	6.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.90	73.95	19.53	7.25	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.90	56.48	24.43	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	55.40	5.18	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	108.22	24.02	8.07	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.89	68.16	17.11	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	24.23	19.04	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	42.57	23.90	6.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	33.36	20.75	6.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	50.98	16.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	28.88	5.55	8.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	95.69	21.99	6.57	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.86	43.81	15.99	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	81.15	17.32	7.24	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.85	42.26	22.90	6.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	45.72	19.09	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	21.49	19.23	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	14.33	19.04	6.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	2166.91	15.46	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	37.62	19.23	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	57.98	14.87	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	33.82	12.74	9.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	60.43	22.33	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	54.76	12.31	9.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	49.95	14.37	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	41.88	21.71	6.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	57.61	18.19	6.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.81	60.47	13.76	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	50.50	21.28	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	66.21	18.32	6.70	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
14.80	49.12	13.13	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	41.49	12.68	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	40.91	20.76	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	74.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	64.44	17.11	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	69.15	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	50.65	20.25	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	41.97	16.44	6.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	59.20	11.64	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	45.20	15.99	6.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	39.94	19.79	6.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	48.86	24.98	5.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	82.06	13.30	7.17	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.75	65.62	5.18	9.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	91.84	18.66	6.23	0.0	-0.11	0.0	0.0	0.0	0.0	0.0
14.74	41.81	19.23	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	53.77	14.87	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	54.75	19.04	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	44.28	10.28	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	38.73	23.88	5.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	47.90	18.19	6.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	40.12	14.37	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	56.20	9.63	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	46.80	23.38	5.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.71	55.95	13.76	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	19.29	5.55	9.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	43.28	9.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	36.79	22.91	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	66.54	22.45	5.33	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
14.70	39.15	13.15	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	47.76	8.58	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	8.57	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	82.15	23.30	5.10	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.69	41.66	12.68	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	64.98	25.69	9.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	40.65	7.98	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	98.72	20.91	8.04	0.0	-0.24	0.0	0.0	0.0	0.0	0.0
14.68	51.42	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	23.38	19.23	9.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	34.63	21.68	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	38.48	7.53	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	2155.67	15.46	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	24.65	23.88	4.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	52.29	11.64	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	108.05	18.65	5.67	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.67	42.90	7.12	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	33.74	12.78	9.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	30.01	23.38	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	42.90	16.46	5.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.96	11.10	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	47.78	15.99	6.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.21	20.76	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	161.15	14.45	7.70	0.0	-0.25	0.0	0.0	0.0	0.0	0.0
14.65	53.25	6.48	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	74.78	13.26	6.39	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.65	85.63	19.12	5.41	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.64	35.70	22.33	4.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	58.99	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	48.70	5.86	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	47.83	9.63	6.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	12.67	5.55	9.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	54.81	14.87	6.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	29.85	19.80	5.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	23.90	21.68	4.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	31.06	9.03	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	57.39	24.99	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	124.35	11.81	6.45	0.0	-0.13	0.0	0.0	0.0	0.0	0.0
14.62	30.81	19.23	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	37.30	8.58	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	44.60	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	23.17	20.76	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	59.43	24.43	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	56.36	13.76	6.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	29.12	8.06	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	28.47	20.25	4.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	33.29	7.53	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	48.91	23.87	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	101.08	8.29	8.50	0.0	-0.20	0.0	0.0	0.0	0.0	0.0
14.60	22.45	19.80	4.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	27.69	7.13	6.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	52.84	23.38	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	42.20	12.68	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	23.80	19.23	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	49.03	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	75.55	12.25	6.06	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.58	48.36	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	51.04	11.64	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	31.38	5.86	7.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	32.99	11.14	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	64.86	22.33	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	38.89	10.65	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	31.88	5.18	7.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	146.37	17.62	5.03	0.0	-8.90e-03	0.0	0.0	0.0	0.0	0.0
14.56	32.25	10.26	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	55.89	13.99	6.34	0.0	-0.25	0.0	0.0	0.0	0.0	0.0
14.55	147.60	15.87	5.26	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.54	31.04	9.02	6.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.54	90.90	18.55	4.75	0.0	-0.05	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.54	36.68	8.58	6.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	29.16	8.06	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	50.15	20.76	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	54.89	14.87	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	57.90	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	33.37	7.53	6.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	93.14	17.65	4.74	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
14.52	27.70	7.14	6.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	68.17	19.09	10.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	26.22	19.23	10.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	50.49	25.01	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	52.36	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	44.85	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	98.59	10.64	5.79	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
14.51	2143.44	15.45	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	42.10	5.86	6.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	58.75	24.43	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	51.17	5.18	6.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	85.24	16.43	4.77	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
14.50	33.71	12.81	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	38.93	19.04	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	41.96	23.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	42.73	12.68	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	49.70	12.31	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	115.87	12.02	8.37	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
14.48	71.77	18.59	5.40	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
14.48	33.03	11.18	5.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	40.40	18.19	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	40.51	10.65	5.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	32.24	10.25	5.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	41.71	22.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	77.47	12.75	5.13	0.0	-0.07	0.0	0.0	0.0	0.0	0.0
14.46	31.03	9.00	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	36.32	8.58	5.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	61.15	22.33	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	29.16	8.06	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	81.17	13.19	4.95	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
14.45	53.19	5.18	10.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	62.57	12.35	5.05	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
14.44	42.30	15.99	4.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	41.44	21.64	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	70.62	11.58	5.11	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.44	37.13	15.51	4.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.43	46.91	21.28	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	47.98	14.87	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	40.54	20.77	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	34.09	18.19	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	37.05	14.39	4.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	52.68	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	49.41	20.25	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	24.33	17.78	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	50.73	13.76	4.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	39.65	19.82	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	48.87	25.02	2.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	37.87	13.19	4.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	37.36	17.11	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	36.83	5.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	98.90	22.17	3.03	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.39	41.32	12.68	4.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	46.37	12.31	4.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	84.53	14.79	4.20	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
14.38	33.06	11.21	4.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	42.13	10.65	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	32.23	10.23	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	47.80	9.63	5.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.42	16.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	31.02	8.99	5.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.96	8.58	5.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	29.16	8.06	5.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	71.09	16.28	3.90	0.0	-0.13	0.0	0.0	0.0	0.0	0.0
14.37	27.70	7.15	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	41.29	15.99	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	47.61	23.38	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	40.74	6.48	5.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.36	36.90	15.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	35.60	22.81	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	38.11	18.19	3.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	24.69	5.85	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	95.54	23.95	6.77	0.0	-0.43	0.0	0.0	0.0	0.0	0.0
14.35	43.75	14.87	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	38.27	5.18	5.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	2152.58	15.49	11.11	0.0	-0.39	0.0	0.0	0.0	0.0	0.0
14.33	38.23	14.39	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	32.96	21.62	2.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	51.49	10.54	9.49	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
14.32	35.54	21.28	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.20	17.11	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	26.45	5.55	11.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.78	13.76	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	30.24	20.77	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	17.50	13.35	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	20.21	13.20	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	67.82	12.31	11.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	52.95	16.50	3.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	120.45	15.85	7.67	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
14.30	67.88	14.13	3.69	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
14.30	28.18	8.06	4.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	61.06	7.93	4.68	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
14.30	28.20	8.98	4.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	48.32	25.04	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	131.70	13.03	3.83	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
14.29	54.92	15.04	3.48	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
14.29	77.71	8.42	4.56	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.29	105.87	21.89	6.45	0.0	-0.47	0.0	0.0	0.0	0.0	0.0
14.29	26.60	11.25	4.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	37.13	11.64	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	72.22	15.32	3.40	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
14.29	42.66	15.49	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	36.83	23.84	1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	30.41	5.85	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	46.56	23.38	2.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	29.09	19.23	2.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	89.42	16.63	3.10	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
14.28	51.37	14.87	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	45.24	22.33	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	20.85	17.77	2.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	38.59	14.39	3.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	30.16	21.61	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	31.55	21.28	2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	26.82	20.77	2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	45.63	13.76	3.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	30.45	20.25	2.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	23.48	19.85	2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	35.33	13.35	3.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	24.54	19.23	2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	24.86	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	55.34	17.11	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	41.03	12.68	3.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	33.10	12.31	3.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	38.33	11.64	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	27.97	11.27	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	38.74	10.65	3.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.36	10.21	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	43.18	9.63	3.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.74	8.97	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	54.37	12.11	3.48	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
14.23	28.38	8.06	4.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	32.51	7.53	4.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	27.71	7.16	4.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.06	28.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	162.77	25.36	6.41	0.0	-0.25	0.0	0.0	0.0	0.0	0.0
14.22	170.46	25.96	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	164.11	24.42	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	163.47	18.53	6.71	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
14.22	133.86	21.17	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	138.19	19.49	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	35.63	18.06	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	102.49	16.77	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.22	104.53	15.42	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	145.03	13.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	94.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.48	9.91	6.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
14.22	223.18	15.22	7.75	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.21	90.04	7.57	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	251.85	9.63	7.66	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.21	115.17	3.67	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	155.00	2.18	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	59.04	24.01	7.05	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
14.21	26.17	5.18	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	13.29	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	17.99	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	53.99	29.13	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	123.00	12.88	8.51	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.20	65.43	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	53.99	1.65	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	47.23	29.13	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	46.44	10.16	6.90	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.20	28.85	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	35.15	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	101.85	14.54	9.71	0.0	-2.55e-03	0.0	0.0	0.0	0.0	0.0
14.19	29.23	19.09	11.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	40.48	29.13	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	75.62	25.69	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	18.39	19.23	11.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	135.87	16.04	5.57	0.0	-0.47	0.0	0.0	0.0	0.0	0.0
14.18	59.00	24.43	1.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	41.64	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	76.49	15.66	8.62	0.0	-0.23	0.0	0.0	0.0	0.0	0.0
14.18	39.39	23.83	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	33.45	1.65	11.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	52.17	23.38	1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	58.75	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	21.11	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	37.60	22.73	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	51.14	22.33	1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	2207.36	15.62	11.93	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.17	35.78	21.59	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	37.83	21.28	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	66.47	23.20	3.19	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
14.17	35.95	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	39.24	20.25	1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.03	13.34	6.41	0.0	-0.51	0.0	0.0	0.0	0.0	0.0
14.16	69.91	25.69	11.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	60.93	19.15	3.17	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
14.16	56.55	19.04	1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.40	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	127.96	18.85	3.85	0.0	-0.17	0.0	0.0	0.0	0.0	0.0
14.16	29.64	17.77	2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	43.35	24.30	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	132.48	14.85	6.40	0.0	-0.50	0.0	0.0	0.0	0.0	0.0
14.15	39.86	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.85	16.50	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.75	16.42	4.05	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.15	84.66	16.65	4.11	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.15	81.23	13.22	2.71	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
14.15	82.73	13.18	4.05	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.15	21.86	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	56.48	13.05	3.81	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.15	69.24	12.88	4.12	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
14.15	42.16	15.46	2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	28.78	8.96	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	74.54	5.18	4.59	0.0	-0.07	0.0	0.0	0.0	0.0	0.0
14.14	46.75	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	92.74	12.43	2.79	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.14	39.37	8.80	3.74	0.0	-0.11	0.0	0.0	0.0	0.0	0.0
14.14	104.63	13.23	6.11	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
14.14	60.49	13.50	3.33	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.13	44.10	13.76	2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	27.93	11.31	2.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	70.71	12.45	2.71	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
14.13	81.41	14.62	2.98	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
14.13	57.65	10.32	3.37	0.0	-0.12	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.13	41.59	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.12	224.50	14.31	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	41.57	12.74	3.51	0.0	-0.09	0.0	0.0	0.0	0.0	0.0
14.11	36.06	25.69	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	61.60	14.94	3.39	0.0	-9.09e-03	0.0	0.0	0.0	0.0	0.0
14.11	16.96	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	47.73	12.31	12.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	1952.37	15.81	1.76	0.0	-0.17	0.0	0.0	0.0	0.0	0.0
14.07	26.42	19.09	12.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.06	12.39	19.23	12.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	17.39	22.33	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	13.16	22.65	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	3209.66	15.39	12.68	0.0	0.0	15.74	12.68	1.1765e-04	1.373	6.2240e-04
14.01	25.36	23.51	-0.03	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
14.01	16.28	25.08	-0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.00	545.87	14.34	1.46	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
13.82	2601.25	15.40	13.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.63	1384.82	15.40	14.34	0.0	0.0	15.43	14.34	0.095	0.028	0.0
13.51	4869.50	16.00	7.39	0.0	-0.63	19.47	9.12	0.603	0.226	0.327
13.41	5.273e+04	15.85	7.64	0.0	-0.63	14.77	7.37	0.836	0.149	0.032
13.31	4324.18	16.20	7.27	0.0	-0.63	16.43	7.22	1.056	0.023	0.004
12.56	9219.00	16.13	7.38	0.0	-0.63	16.22	7.18	0.980	0.009	0.023
11.78	9339.06	16.13	7.36	0.0	-0.63	16.39	7.18	0.982	0.025	0.021
11.20	283.34	14.71	9.83	0.0	-0.10	14.72	9.09	1.170	0.012	0.520
11.00	9007.32	16.19	7.27	0.0	-0.63	16.27	7.18	1.031	0.008	0.010
10.62	262.88	14.71	9.83	0.0	-0.10	14.72	9.09	1.170	0.012	0.520
10.23	4497.59	16.20	7.27	0.0	-0.63	14.78	7.33	0.756	0.174	0.010
10.13	1.632e+05	15.80	8.40	0.0	-0.71	14.77	7.39	0.817	0.141	0.120
10.03	4324.18	16.20	7.27	0.0	-0.63	16.43	7.22	1.056	0.023	0.004
9.28	9219.00	16.13	7.38	0.0	-0.63	16.22	7.18	0.980	0.009	0.023
8.50	9326.91	16.14	7.36	0.0	-0.63	16.39	7.18	0.982	0.024	0.020
7.92	283.34	14.71	9.83	0.0	-0.10	14.72	9.09	1.170	0.012	0.520
7.72	8995.18	16.19	7.27	0.0	-0.63	16.27	7.18	1.031	0.007	0.009
7.34	262.88	14.71	9.83	0.0	-0.10	14.72	9.09	1.170	0.012	0.520
6.94	4497.59	16.20	7.27	0.0	-0.63	14.78	7.17	0.929	0.174	0.011
6.84	1.626e+05	15.79	8.41	0.0	-0.71	14.77	7.42	0.725	0.136	0.153
6.74	5323.51	16.20	7.27	0.0	-0.63	16.43	7.22	1.056	0.023	0.004
5.96	1.105e+04	16.14	7.36	0.0	-0.63	16.23	7.18	0.981	0.009	0.021
5.19	1.103e+04	16.14	7.35	0.0	-0.63	16.40	7.18	0.983	0.025	0.020
4.41	9316.78	16.13	7.37	0.0	-0.63	16.24	7.19	1.030	0.010	0.020
3.88	8211.18	16.20	7.27	0.0	-0.63	14.78	7.33	0.756	0.174	0.010
3.63	4050.96	19.09	10.18	0.0	-0.22	18.33	9.64	4.491	0.044	0.092
Risulta	5.517e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kg		kg		kg			
1	2.520	0.397	0.118	3954.89	0.7	4.669e+05	84.6	0.0	0.0	0.0	0.0
2	2.907	0.344	0.136	4.294e+05	77.8	4418.42	0.8	0.0	0.0	0.0	0.0
3	3.388	0.295	0.158	2.309e+04	4.2	29.09	5.27e-03	0.0	0.0	0.0	0.0
4	7.679	0.130	0.173	3127.77	0.6	4.552e+04	8.3	0.0	0.0	0.0	0.0
5	7.950	0.126	0.173	6098.15	1.1	3905.69	0.7	0.0	0.0	0.0	0.0
6	8.166	0.122	0.173	4.428e+04	8.0	4697.67	0.9	0.0	0.0	0.0	0.0
7	8.334	0.120	0.173	4100.92	0.7	1990.51	0.4	0.0	0.0	0.0	0.0
8	8.635	0.116	0.173	2383.30	0.4	521.45	9.45e-02	0.0	0.0	0.0	0.0
9	8.837	0.113	0.173	4157.02	0.8	130.03	2.36e-02	0.0	0.0	0.0	0.0
10	9.162	0.109	0.173	261.08	4.73e-02	806.09	0.1	0.0	0.0	0.0	0.0
11	9.211	0.109	0.173	218.02	3.95e-02	22.51	4.08e-03	0.0	0.0	0.0	0.0
12	9.301	0.108	0.173	470.77	8.53e-02	237.89	4.31e-02	0.0	0.0	0.0	0.0
13	9.741	0.103	0.173	40.35	7.31e-03	95.05	1.72e-02	0.0	0.0	0.0	0.0
14	10.045	0.100	0.173	54.73	9.92e-03	33.32	6.04e-03	0.0	0.0	0.0	0.0
15	10.068	0.099	0.173	70.28	1.27e-02	30.90	5.60e-03	0.0	0.0	0.0	0.0
16	10.084	0.099	0.173	6.13	1.11e-03	0.61	1.11e-04	0.0	0.0	0.0	0.0
17	10.121	0.099	0.173	409.39	7.42e-02	2.82	5.11e-04	0.0	0.0	0.0	0.0
18	10.335	0.097	0.173	58.69	1.06e-02	7.52	1.36e-03	0.0	0.0	0.0	0.0
19	10.445	0.096	0.173	60.46	1.10e-02	2181.28	0.4	0.0	0.0	0.0	0.0
20	10.449	0.096	0.173	6.65	1.21e-03	362.26	6.57e-02	0.0	0.0	0.0	0.0
21	10.571	0.095	0.173	114.44	2.07e-02	2.11	3.82e-04	0.0	0.0	0.0	0.0
22	10.617	0.094	0.173	60.49	1.10e-02	0.18	3.25e-05	0.0	0.0	0.0	0.0
23	10.820	0.092	0.173	21.79	3.95e-03	170.97	3.10e-02	0.0	0.0	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
24	10.838	0.092	0.173	609.82	0.1	5435.49	1.0	0.0	0.0	0.0	0.0
25	11.118	0.090	0.173	0.03	4.86e-06	143.54	2.60e-02	0.0	0.0	0.0	0.0
26	11.180	0.089	0.172	24.36	4.42e-03	82.95	1.50e-02	0.0	0.0	0.0	0.0
27	11.200	0.089	0.172	107.79	1.95e-02	5.60	1.01e-03	0.0	0.0	0.0	0.0
28	11.297	0.089	0.171	85.90	1.56e-02	61.77	1.12e-02	0.0	0.0	0.0	0.0
29	11.314	0.088	0.171	1.97	3.57e-04	1.79	3.24e-04	0.0	0.0	0.0	0.0
30	11.352	0.088	0.171	87.84	1.59e-02	21.59	3.91e-03	0.0	0.0	0.0	0.0
Risulta				5.234e+05		5.378e+05		0.0			
In percentuale				94.87		97.48		0.0			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.173 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.359 sec.
			numero di modi considerati: 30
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kg	m	m	m	m	m	m			
15.18	1902.25	14.84	7.53	0.0	0.0	15.87	7.53	0.004	0.175	3.2989e-06
15.10	29.36	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.09	26.62	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	72.66	25.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	13.13	19.23	7.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	46.36	24.94	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	25.89	5.55	8.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.05	44.33	24.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.04	40.78	23.91	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	62.85	25.69	8.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	45.20	23.38	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.02	46.02	22.88	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	2183.18	15.45	8.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	33.78	12.71	8.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	50.89	25.69	7.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	47.76	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	53.74	22.33	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	41.85	21.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	33.71	24.95	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.98	60.13	20.77	7.75	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.97	37.74	24.43	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	19.36	19.09	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	47.04	20.75	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	29.68	23.90	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	45.25	20.25	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	42.10	19.78	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	38.63	23.38	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	35.81	19.23	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	31.07	22.89	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	76.02	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.41	19.09	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.61	19.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	11.00	18.80	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	13.66	18.72	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	44.88	22.33	6.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	25.25	18.19	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	51.34	24.96	6.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.90	73.95	19.53	7.25	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.90	56.48	24.43	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	55.40	5.18	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.89	108.22	24.02	8.07	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.89	68.16	17.11	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	24.23	19.04	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	42.57	23.90	6.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	33.36	20.75	6.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	50.98	16.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	28.88	5.55	8.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	95.69	21.99	6.57	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.86	43.81	15.99	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	81.15	17.32	7.24	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.85	42.26	22.90	6.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	45.72	19.09	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	21.49	19.23	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	14.33	19.04	6.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	2166.91	15.46	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	37.62	19.23	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	57.98	14.87	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	33.82	12.74	9.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	60.43	22.33	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	54.76	12.31	9.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	49.95	14.37	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	41.88	21.71	6.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	57.61	18.19	6.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.81	60.47	13.76	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	50.50	21.28	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	66.21	18.32	6.70	0.0	0.01	0.0	0.0	0.0	0.0	0.0
14.80	49.12	13.13	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	41.49	12.68	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	40.91	20.76	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	74.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	64.44	17.11	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	69.15	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	50.65	20.25	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	41.97	16.44	6.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	59.20	11.64	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	45.20	15.99	6.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	39.94	19.79	6.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	48.86	24.98	5.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	82.06	13.30	7.17	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.75	65.62	5.18	9.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	91.84	18.66	6.23	0.0	0.11	0.0	0.0	0.0	0.0	0.0
14.74	41.81	19.23	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	53.77	14.87	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	54.75	19.04	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	44.28	10.28	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	38.73	23.88	5.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	47.90	18.19	6.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	40.12	14.37	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	56.20	9.63	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	46.80	23.38	5.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	55.95	13.76	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	19.29	5.55	9.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	43.28	9.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	36.79	22.91	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	66.54	22.45	5.33	0.0	0.06	0.0	0.0	0.0	0.0	0.0
14.70	39.15	13.15	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	47.76	8.58	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	8.57	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	82.15	23.30	5.10	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.69	41.66	12.68	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	64.98	25.69	9.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	40.65	7.98	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	98.72	20.91	8.04	0.0	0.24	0.0	0.0	0.0	0.0	0.0
14.68	51.42	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	23.38	19.23	9.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	34.63	21.68	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	38.48	7.53	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	2155.67	15.46	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	24.65	23.88	4.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	52.29	11.64	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	108.05	18.65	5.67	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.67	42.90	7.12	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	33.74	12.78	9.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	30.01	23.38	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.66	42.90	16.46	5.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.96	11.10	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	47.78	15.99	6.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.21	20.76	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	161.15	14.45	7.70	0.0	0.25	0.0	0.0	0.0	0.0	0.0
14.65	53.25	6.48	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	74.78	13.26	6.39	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.65	85.63	19.12	5.41	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.64	35.70	22.33	4.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	58.99	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	48.70	5.86	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	47.83	9.63	6.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	12.67	5.55	9.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	54.81	14.87	6.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	29.85	19.80	5.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	23.90	21.68	4.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	31.06	9.03	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	57.39	24.99	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	124.35	11.81	6.45	0.0	0.13	0.0	0.0	0.0	0.0	0.0
14.62	30.81	19.23	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	37.30	8.58	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	44.60	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	23.17	20.76	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	59.43	24.43	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	56.36	13.76	6.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	29.12	8.06	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	28.47	20.25	4.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	33.29	7.53	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	48.91	23.87	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	101.08	8.29	8.50	0.0	0.20	0.0	0.0	0.0	0.0	0.0
14.60	22.45	19.80	4.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	27.69	7.13	6.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	52.84	23.38	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	42.20	12.68	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	23.80	19.23	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	49.03	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	75.55	12.25	6.06	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.58	48.36	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	51.04	11.64	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	31.38	5.86	7.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	32.99	11.14	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	64.86	22.33	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	38.89	10.65	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	31.88	5.18	7.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	146.37	17.62	5.03	0.0	8.90e-03	0.0	0.0	0.0	0.0	0.0
14.56	32.25	10.26	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	55.89	13.99	6.34	0.0	0.25	0.0	0.0	0.0	0.0	0.0
14.55	147.60	15.87	5.26	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.54	31.04	9.02	6.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.54	90.90	18.55	4.75	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.54	36.68	8.58	6.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	29.16	8.06	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	50.15	20.76	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	54.89	14.87	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	57.90	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	33.37	7.53	6.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	93.14	17.65	4.74	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.52	27.70	7.14	6.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	68.17	19.09	10.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	26.22	19.23	10.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	50.49	25.01	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	52.36	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	44.85	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	98.59	10.64	5.79	0.0	0.06	0.0	0.0	0.0	0.0	0.0
14.51	2143.44	15.45	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	42.10	5.86	6.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	58.75	24.43	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	51.17	5.18	6.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	85.24	16.43	4.77	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.50	33.71	12.81	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	38.93	19.04	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	41.96	23.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	42.73	12.68	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	49.70	12.31	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.48	115.87	12.02	8.37	0.0	0.26	0.0	0.0	0.0	0.0	0.0
14.48	71.77	18.59	5.40	0.0	0.36	0.0	0.0	0.0	0.0	0.0
14.48	33.03	11.18	5.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	40.40	18.19	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	40.51	10.65	5.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	32.24	10.25	5.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	41.71	22.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	77.47	12.75	5.13	0.0	0.07	0.0	0.0	0.0	0.0	0.0
14.46	31.03	9.00	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	36.32	8.58	5.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	61.15	22.33	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	29.16	8.06	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	81.17	13.19	4.95	0.0	0.08	0.0	0.0	0.0	0.0	0.0
14.45	53.19	5.18	10.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	62.57	12.35	5.05	0.0	0.08	0.0	0.0	0.0	0.0	0.0
14.44	42.30	15.99	4.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	41.44	21.64	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	70.62	11.58	5.11	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.44	37.13	15.51	4.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.43	46.91	21.28	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	47.98	14.87	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	40.54	20.77	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	34.09	18.19	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	37.05	14.39	4.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	52.68	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	49.41	20.25	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	24.33	17.78	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	50.73	13.76	4.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	39.65	19.82	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	48.87	25.02	2.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	37.87	13.19	4.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	37.36	17.11	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	36.83	5.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	98.90	22.17	3.03	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.39	41.32	12.68	4.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	46.37	12.31	4.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	84.53	14.79	4.20	0.0	0.06	0.0	0.0	0.0	0.0	0.0
14.38	33.06	11.21	4.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	42.13	10.65	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	32.23	10.23	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	47.80	9.63	5.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.42	16.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	31.02	8.99	5.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.96	8.58	5.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	29.16	8.06	5.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	71.09	16.28	3.90	0.0	0.13	0.0	0.0	0.0	0.0	0.0
14.37	27.70	7.15	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	41.29	15.99	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	47.61	23.38	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	40.74	6.48	5.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	36.90	15.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	35.60	22.81	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	38.11	18.19	3.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	24.69	5.85	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	95.54	23.95	6.77	0.0	0.43	0.0	0.0	0.0	0.0	0.0
14.35	43.75	14.87	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	38.27	5.18	5.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	2152.58	15.49	11.11	0.0	0.39	0.0	0.0	0.0	0.0	0.0
14.33	38.23	14.39	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	32.96	21.62	2.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	51.49	10.54	9.49	0.0	0.30	0.0	0.0	0.0	0.0	0.0
14.32	35.54	21.28	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.20	17.11	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	26.45	5.55	11.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.78	13.76	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	30.24	20.77	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	17.50	13.35	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	20.21	13.20	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	67.82	12.31	11.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	52.95	16.50	3.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	120.45	15.85	7.67	0.0	0.48	0.0	0.0	0.0	0.0	0.0
14.30	67.88	14.13	3.69	0.0	0.10	0.0	0.0	0.0	0.0	0.0
14.30	28.18	8.06	4.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	61.06	7.93	4.68	0.0	0.01	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.30	28.20	8.98	4.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	48.32	25.04	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	131.70	13.03	3.83	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.29	54.92	15.04	3.48	0.0	0.08	0.0	0.0	0.0	0.0	0.0
14.29	77.71	8.42	4.56	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.29	105.87	21.89	6.45	0.0	0.47	0.0	0.0	0.0	0.0	0.0
14.29	26.60	11.25	4.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	37.13	11.64	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	72.22	15.32	3.40	0.0	0.05	0.0	0.0	0.0	0.0	0.0
14.29	42.66	15.49	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	36.83	23.84	1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	30.41	5.85	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	46.56	23.38	2.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	29.09	19.23	2.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	89.42	16.63	3.10	0.0	0.14	0.0	0.0	0.0	0.0	0.0
14.28	51.37	14.87	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	45.24	22.33	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	20.85	17.77	2.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	38.59	14.39	3.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	30.16	21.61	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	31.55	21.28	2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	26.82	20.77	2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	45.63	13.76	3.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	30.45	20.25	2.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	23.48	19.85	2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	35.33	13.35	3.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	24.54	19.23	2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	24.86	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	55.34	17.11	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	41.03	12.68	3.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	33.10	12.31	3.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	38.33	11.64	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	27.97	11.27	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	38.74	10.65	3.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.36	10.21	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	43.18	9.63	3.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.74	8.97	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	54.37	12.11	3.48	0.0	0.08	0.0	0.0	0.0	0.0	0.0
14.23	28.38	8.06	4.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	32.51	7.53	4.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	27.71	7.16	4.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.06	28.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	162.77	25.36	6.41	0.0	0.25	0.0	0.0	0.0	0.0	0.0
14.22	170.46	25.96	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	164.11	24.42	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	163.47	18.53	6.71	0.0	0.16	0.0	0.0	0.0	0.0	0.0
14.22	133.86	21.17	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	138.19	19.49	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	35.63	18.06	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	102.49	16.77	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	104.53	15.42	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	145.03	13.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	94.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.48	9.91	6.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
14.22	223.18	15.22	7.75	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.21	90.04	7.57	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	251.85	9.63	7.66	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.21	115.17	3.67	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	155.00	2.18	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	59.04	24.01	7.05	0.0	0.01	0.0	0.0	0.0	0.0	0.0
14.21	26.17	5.18	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	13.29	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	17.99	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	53.99	29.13	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	123.00	12.88	8.51	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.20	65.43	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	53.99	1.65	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	47.23	29.13	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	46.44	10.16	6.90	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.20	28.85	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	35.15	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	101.85	14.54	9.71	0.0	2.55e-03	0.0	0.0	0.0	0.0	0.0
14.19	29.23	19.09	11.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	40.48	29.13	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.19	75.62	25.69	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	18.39	19.23	11.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	135.87	16.04	5.57	0.0	0.47	0.0	0.0	0.0	0.0	0.0
14.18	59.00	24.43	1.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	41.64	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	76.49	15.66	8.62	0.0	0.23	0.0	0.0	0.0	0.0	0.0
14.18	39.39	23.83	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	33.45	1.65	11.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	52.17	23.38	1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	58.75	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	21.11	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	37.60	22.73	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	51.14	22.33	1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	2207.36	15.62	11.93	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.17	35.78	21.59	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	37.83	21.28	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	66.47	23.20	3.19	0.0	0.16	0.0	0.0	0.0	0.0	0.0
14.17	35.95	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	39.24	20.25	1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.03	13.34	6.41	0.0	0.51	0.0	0.0	0.0	0.0	0.0
14.16	69.91	25.69	11.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	60.93	19.15	3.17	0.0	0.16	0.0	0.0	0.0	0.0	0.0
14.16	56.55	19.04	1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.40	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	127.96	18.85	3.85	0.0	0.17	0.0	0.0	0.0	0.0	0.0
14.16	29.64	17.77	2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	43.35	24.30	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	132.48	14.85	6.40	0.0	0.50	0.0	0.0	0.0	0.0	0.0
14.15	39.86	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.85	16.50	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.75	16.42	4.05	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.15	84.66	16.65	4.11	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.15	81.23	13.22	2.71	0.0	0.06	0.0	0.0	0.0	0.0	0.0
14.15	82.73	13.18	4.05	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.15	21.86	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	56.48	13.05	3.81	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.15	69.24	12.88	4.12	0.0	0.02	0.0	0.0	0.0	0.0	0.0
14.15	42.16	15.46	2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	28.78	8.96	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	74.54	5.18	4.59	0.0	0.07	0.0	0.0	0.0	0.0	0.0
14.14	46.75	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	92.74	12.43	2.79	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.14	39.37	8.80	3.74	0.0	0.11	0.0	0.0	0.0	0.0	0.0
14.14	104.63	13.23	6.11	0.0	0.48	0.0	0.0	0.0	0.0	0.0
14.14	60.49	13.50	3.33	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.13	44.10	13.76	2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	27.93	11.31	2.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	70.71	12.45	2.71	0.0	0.01	0.0	0.0	0.0	0.0	0.0
14.13	81.41	14.62	2.98	0.0	0.04	0.0	0.0	0.0	0.0	0.0
14.13	57.65	10.32	3.37	0.0	0.12	0.0	0.0	0.0	0.0	0.0
14.13	41.59	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.12	224.50	14.31	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	41.57	12.74	3.51	0.0	0.09	0.0	0.0	0.0	0.0	0.0
14.11	36.06	25.69	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	61.60	14.94	3.39	0.0	9.09e-03	0.0	0.0	0.0	0.0	0.0
14.11	16.96	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	47.73	12.31	12.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	1952.37	15.81	1.76	0.0	0.17	0.0	0.0	0.0	0.0	0.0
14.07	26.42	19.09	12.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.06	12.39	19.23	12.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	17.39	22.33	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	13.16	22.65	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	3209.66	15.39	12.68	0.0	0.0	15.74	12.68	1.1765e-04	1.373	6.2240e-04
14.01	25.36	23.51	-0.03	0.0	0.03	0.0	0.0	0.0	0.0	0.0
14.01	16.28	25.08	-0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.00	545.87	14.34	1.46	0.0	0.16	0.0	0.0	0.0	0.0	0.0
13.82	2601.25	15.40	13.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.63	1384.82	15.40	14.34	0.0	0.0	15.43	14.34	0.095	0.028	0.0
13.51	4869.50	16.00	7.39	0.0	0.63	19.47	9.12	0.603	0.226	0.327
13.41	5.273e+04	15.85	7.64	0.0	0.63	14.77	7.37	0.836	0.149	0.032
13.31	4324.18	16.20	7.27	0.0	0.63	16.43	7.22	1.056	0.023	0.004
12.56	9219.00	16.13	7.38	0.0	0.63	16.22	7.18	0.980	0.009	0.023
11.78	9339.06	16.13	7.36	0.0	0.63	16.39	7.18	0.982	0.025	0.021
11.20	283.34	14.71	9.83	0.0	0.10	14.72	9.09	1.170	0.012	0.520

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
11.00	9007.32	16.19	7.27	0.0	0.63	16.27	7.18	1.031	0.008	0.010
10.62	262.88	14.71	9.83	0.0	0.10	14.72	9.09	1.170	0.012	0.520
10.23	4497.59	16.20	7.27	0.0	0.63	14.78	7.33	0.756	0.174	0.010
10.13	1.632e+05	15.80	8.40	0.0	0.71	14.77	7.39	0.817	0.141	0.120
10.03	4324.18	16.20	7.27	0.0	0.63	16.43	7.22	1.056	0.023	0.004
9.28	9219.00	16.13	7.38	0.0	0.63	16.22	7.18	0.980	0.009	0.023
8.50	9326.91	16.14	7.36	0.0	0.63	16.39	7.18	0.982	0.024	0.020
7.92	283.34	14.71	9.83	0.0	0.10	14.72	9.09	1.170	0.012	0.520
7.72	8995.18	16.19	7.27	0.0	0.63	16.27	7.18	1.031	0.007	0.009
7.34	262.88	14.71	9.83	0.0	0.10	14.72	9.09	1.170	0.012	0.520
6.94	4497.59	16.20	7.27	0.0	0.63	14.78	7.17	0.929	0.174	0.011
6.84	1.626e+05	15.79	8.41	0.0	0.71	14.77	7.42	0.725	0.136	0.153
6.74	5323.51	16.20	7.27	0.0	0.63	16.43	7.22	1.056	0.023	0.004
5.96	1.105e+04	16.14	7.36	0.0	0.63	16.23	7.18	0.981	0.009	0.021
5.19	1.103e+04	16.14	7.35	0.0	0.63	16.40	7.18	0.983	0.025	0.020
4.41	9316.78	16.13	7.37	0.0	0.63	16.24	7.19	1.030	0.010	0.020
3.88	8211.18	16.20	7.27	0.0	0.63	14.78	7.33	0.756	0.174	0.010
3.63	4050.96	19.09	10.18	0.0	0.22	18.33	9.64	4.491	0.044	0.092
Risulta	5.517e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kg		kg		kg			
1	2.519	0.397	0.118	7387.32	1.3	4.625e+05	83.8	0.0	0.0	0.0	0.0
2	2.785	0.359	0.130	3.764e+05	68.2	8843.86	1.6	0.0	0.0	0.0	0.0
3	3.552	0.282	0.166	7.295e+04	13.2	4.60	8.34e-04	0.0	0.0	0.0	0.0
4	7.528	0.133	0.173	4.194e+04	7.6	9289.83	1.7	0.0	0.0	0.0	0.0
5	7.727	0.129	0.173	5491.95	1.0	3.478e+04	6.3	0.0	0.0	0.0	0.0
6	8.000	0.125	0.173	2263.00	0.4	1.072e+04	1.9	0.0	0.0	0.0	0.0
7	8.330	0.120	0.173	373.89	6.77e-02	1330.17	0.2	0.0	0.0	0.0	0.0
8	8.703	0.115	0.173	549.90	9.96e-02	583.43	0.1	0.0	0.0	0.0	0.0
9	8.814	0.113	0.173	0.05	8.73e-06	1.44	2.61e-04	0.0	0.0	0.0	0.0
10	8.849	0.113	0.173	107.68	1.95e-02	0.11	1.91e-05	0.0	0.0	0.0	0.0
11	9.053	0.110	0.173	2167.70	0.4	15.37	2.79e-03	0.0	0.0	0.0	0.0
12	9.115	0.110	0.173	762.01	0.1	18.79	3.41e-03	0.0	0.0	0.0	0.0
13	9.216	0.109	0.173	667.64	0.1	678.30	0.1	0.0	0.0	0.0	0.0
14	9.243	0.108	0.173	325.61	5.90e-02	99.78	1.81e-02	0.0	0.0	0.0	0.0
15	9.256	0.108	0.173	1031.31	0.2	298.38	5.41e-02	0.0	0.0	0.0	0.0
16	9.486	0.105	0.173	6774.95	1.2	0.03	4.81e-06	0.0	0.0	0.0	0.0
17	9.759	0.102	0.173	759.34	0.1	140.03	2.54e-02	0.0	0.0	0.0	0.0
18	10.063	0.099	0.173	46.65	8.45e-03	34.99	6.34e-03	0.0	0.0	0.0	0.0
19	10.313	0.097	0.173	2525.81	0.5	678.14	0.1	0.0	0.0	0.0	0.0
20	10.341	0.097	0.173	1304.34	0.2	224.63	4.07e-02	0.0	0.0	0.0	0.0
21	10.382	0.096	0.173	1553.51	0.3	385.94	7.00e-02	0.0	0.0	0.0	0.0
22	10.446	0.096	0.173	580.03	0.1	799.98	0.1	0.0	0.0	0.0	0.0
23	10.486	0.095	0.173	3989.41	0.7	145.46	2.64e-02	0.0	0.0	0.0	0.0
24	10.629	0.094	0.173	29.19	5.29e-03	529.24	9.59e-02	0.0	0.0	0.0	0.0
25	10.705	0.093	0.173	6.81	1.23e-03	16.88	3.06e-03	0.0	0.0	0.0	0.0
26	10.713	0.093	0.173	1.66	3.00e-04	0.03	6.14e-06	0.0	0.0	0.0	0.0
27	10.768	0.093	0.173	0.02	3.90e-06	690.23	0.1	0.0	0.0	0.0	0.0
28	10.914	0.092	0.173	196.57	3.56e-02	2010.63	0.4	0.0	0.0	0.0	0.0
29	10.929	0.092	0.173	530.30	9.61e-02	3078.14	0.6	0.0	0.0	0.0	0.0
30	11.097	0.090	0.173	1.54	2.79e-04	0.51	9.28e-05	0.0	0.0	0.0	0.0
Risulta				5.307e+05		5.379e+05		0.0			
In percentuale				96.17		97.49		0.0			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.173 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.401 sec.

CDC	Tipo	Sigla Id	Note
			numero di modi considerati: 30
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kg	m	m	m	m	m	m			
15.18	1902.25	14.84	7.53	1.37	0.0	15.87	7.53	0.004	0.175	3.2989e-06
15.10	29.36	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.09	26.62	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	72.66	25.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	13.13	19.23	7.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	46.36	24.94	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	25.89	5.55	8.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.05	44.33	24.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.04	40.78	23.91	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	62.85	25.69	8.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	45.20	23.38	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.02	46.02	22.88	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	2183.18	15.45	8.27	1.37	0.0	0.0	0.0	0.0	0.0	0.0
15.01	33.78	12.71	8.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	50.89	25.69	7.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	47.76	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	53.74	22.33	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	41.85	21.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	33.71	24.95	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.98	60.13	20.77	7.75	0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.97	37.74	24.43	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	19.36	19.09	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	47.04	20.75	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	29.68	23.90	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	45.25	20.25	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	42.10	19.78	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	38.63	23.38	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	35.81	19.23	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	31.07	22.89	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	76.02	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.41	19.09	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.61	19.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	11.00	18.80	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	13.66	18.72	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	44.88	22.33	6.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	25.25	18.19	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	51.34	24.96	6.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.90	73.95	19.53	7.25	0.20	0.0	0.0	0.0	0.0	0.0	0.0
14.90	56.48	24.43	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	55.40	5.18	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	108.22	24.02	8.07	0.22	0.0	0.0	0.0	0.0	0.0	0.0
14.89	68.16	17.11	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	24.23	19.04	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	42.57	23.90	6.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	33.36	20.75	6.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	50.98	16.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	28.88	5.55	8.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	95.69	21.99	6.57	0.16	0.0	0.0	0.0	0.0	0.0	0.0
14.86	43.81	15.99	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	81.15	17.32	7.24	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.85	42.26	22.90	6.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	45.72	19.09	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	21.49	19.23	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	14.33	19.04	6.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	2166.91	15.46	9.00	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.84	37.62	19.23	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	57.98	14.87	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	33.82	12.74	9.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	60.43	22.33	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	54.76	12.31	9.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	49.95	14.37	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	41.88	21.71	6.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	57.61	18.19	6.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.81	60.47	13.76	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	50.50	21.28	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.80	66.21	18.32	6.70	0.06	0.0	0.0	0.0	0.0	0.0	0.0
14.80	49.12	13.13	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	41.49	12.68	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	40.91	20.76	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	74.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	64.44	17.11	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	69.15	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	50.65	20.25	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	41.97	16.44	6.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	59.20	11.64	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	45.20	15.99	6.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	39.94	19.79	6.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	48.86	24.98	5.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	82.06	13.30	7.17	0.22	0.0	0.0	0.0	0.0	0.0	0.0
14.75	65.62	5.18	9.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	91.84	18.66	6.23	0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.74	41.81	19.23	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	53.77	14.87	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	54.75	19.04	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	44.28	10.28	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	38.73	23.88	5.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	47.90	18.19	6.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	40.12	14.37	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	56.20	9.63	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	46.80	23.38	5.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	55.95	13.76	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	19.29	5.55	9.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	43.28	9.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	36.79	22.91	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	66.54	22.45	5.33	0.39	0.0	0.0	0.0	0.0	0.0	0.0
14.70	39.15	13.15	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	47.76	8.58	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	8.57	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	82.15	23.30	5.10	0.13	0.0	0.0	0.0	0.0	0.0	0.0
14.69	41.66	12.68	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	64.98	25.69	9.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	40.65	7.98	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	98.72	20.91	8.04	0.27	0.0	0.0	0.0	0.0	0.0	0.0
14.68	51.42	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	23.38	19.23	9.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	34.63	21.68	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	38.48	7.53	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	2155.67	15.46	9.74	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.67	24.65	23.88	4.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	52.29	11.64	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	108.05	18.65	5.67	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.67	42.90	7.12	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	33.74	12.78	9.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	30.01	23.38	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	42.90	16.46	5.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.96	11.10	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	47.78	15.99	6.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.21	20.76	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	161.15	14.45	7.70	0.61	0.0	0.0	0.0	0.0	0.0	0.0
14.65	53.25	6.48	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	74.78	13.26	6.39	0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.65	85.63	19.12	5.41	0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.64	35.70	22.33	4.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	58.99	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	48.70	5.86	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	47.83	9.63	6.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	12.67	5.55	9.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	54.81	14.87	6.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	29.85	19.80	5.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	23.90	21.68	4.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	31.06	9.03	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	57.39	24.99	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	124.35	11.81	6.45	0.81	0.0	0.0	0.0	0.0	0.0	0.0
14.62	30.81	19.23	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	37.30	8.58	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	44.60	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	23.17	20.76	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	59.43	24.43	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	56.36	13.76	6.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.61	29.12	8.06	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	28.47	20.25	4.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	33.29	7.53	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	48.91	23.87	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	101.08	8.29	8.50	0.40	0.0	0.0	0.0	0.0	0.0	0.0
14.60	22.45	19.80	4.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	27.69	7.13	6.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	52.84	23.38	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	42.20	12.68	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	23.80	19.23	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	49.03	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	75.55	12.25	6.06	0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.58	48.36	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	51.04	11.64	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	31.38	5.86	7.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	32.99	11.14	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	64.86	22.33	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	38.89	10.65	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	31.88	5.18	7.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	146.37	17.62	5.03	0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.56	32.25	10.26	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	55.89	13.99	6.34	0.55	0.0	0.0	0.0	0.0	0.0	0.0
14.55	147.60	15.87	5.26	0.60	0.0	0.0	0.0	0.0	0.0	0.0
14.54	31.04	9.02	6.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.54	90.90	18.55	4.75	0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.54	36.68	8.58	6.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	29.16	8.06	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	50.15	20.76	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	54.89	14.87	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	57.90	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	33.37	7.53	6.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	93.14	17.65	4.74	0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.52	27.70	7.14	6.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	68.17	19.09	10.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	26.22	19.23	10.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	50.49	25.01	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	52.36	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	44.85	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	98.59	10.64	5.79	0.36	0.0	0.0	0.0	0.0	0.0	0.0
14.51	2143.44	15.45	10.47	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.50	42.10	5.86	6.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	58.75	24.43	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	51.17	5.18	6.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	85.24	16.43	4.77	0.30	0.0	0.0	0.0	0.0	0.0	0.0
14.50	33.71	12.81	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	38.93	19.04	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	41.96	23.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	42.73	12.68	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	49.70	12.31	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	115.87	12.02	8.37	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.48	71.77	18.59	5.40	0.89	0.0	0.0	0.0	0.0	0.0	0.0
14.48	33.03	11.18	5.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	40.40	18.19	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	40.51	10.65	5.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	32.24	10.25	5.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	41.71	22.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	77.47	12.75	5.13	0.41	0.0	0.0	0.0	0.0	0.0	0.0
14.46	31.03	9.00	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	36.32	8.58	5.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	61.15	22.33	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	29.16	8.06	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	81.17	13.19	4.95	0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.45	53.19	5.18	10.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	62.57	12.35	5.05	0.47	0.0	0.0	0.0	0.0	0.0	0.0
14.44	42.30	15.99	4.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	41.44	21.64	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	70.62	11.58	5.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.44	37.13	15.51	4.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.43	46.91	21.28	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	47.98	14.87	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	40.54	20.77	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	34.09	18.19	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	37.05	14.39	4.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	52.68	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.41	49.41	20.25	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	24.33	17.78	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	50.73	13.76	4.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	39.65	19.82	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	48.87	25.02	2.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	37.87	13.19	4.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	37.36	17.11	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	36.83	5.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	98.90	22.17	3.03	0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.39	41.32	12.68	4.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	46.37	12.31	4.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	84.53	14.79	4.20	0.37	0.0	0.0	0.0	0.0	0.0	0.0
14.38	33.06	11.21	4.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	42.13	10.65	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	32.23	10.23	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	47.80	9.63	5.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.42	16.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	31.02	8.99	5.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.96	8.58	5.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	29.16	8.06	5.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	71.09	16.28	3.90	0.82	0.0	0.0	0.0	0.0	0.0	0.0
14.37	27.70	7.15	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	41.29	15.99	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	47.61	23.38	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	40.74	6.48	5.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	36.90	15.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	35.60	22.81	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	38.11	18.19	3.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	24.69	5.85	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	95.54	23.95	6.77	0.17	0.0	0.0	0.0	0.0	0.0	0.0
14.35	43.75	14.87	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	38.27	5.18	5.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	2152.58	15.49	11.11	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.33	38.23	14.39	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	32.96	21.62	2.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	51.49	10.54	9.49	0.38	0.0	0.0	0.0	0.0	0.0	0.0
14.32	35.54	21.28	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.20	17.11	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	26.45	5.55	11.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.78	13.76	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	30.24	20.77	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	17.50	13.35	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	20.21	13.20	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	67.82	12.31	11.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	52.95	16.50	3.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	120.45	15.85	7.67	1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.30	67.88	14.13	3.69	0.64	0.0	0.0	0.0	0.0	0.0	0.0
14.30	28.18	8.06	4.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	61.06	7.93	4.68	0.07	0.0	0.0	0.0	0.0	0.0	0.0
14.30	28.20	8.98	4.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	48.32	25.04	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	131.70	13.03	3.83	0.32	0.0	0.0	0.0	0.0	0.0	0.0
14.29	54.92	15.04	3.48	0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.29	77.71	8.42	4.56	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.29	105.87	21.89	6.45	0.27	0.0	0.0	0.0	0.0	0.0	0.0
14.29	26.60	11.25	4.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	37.13	11.64	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	72.22	15.32	3.40	0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.29	42.66	15.49	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	36.83	23.84	1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	30.41	5.85	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	46.56	23.38	2.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	29.09	19.23	2.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	89.42	16.63	3.10	0.88	0.0	0.0	0.0	0.0	0.0	0.0
14.28	51.37	14.87	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	45.24	22.33	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	20.85	17.77	2.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	38.59	14.39	3.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	30.16	21.61	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	31.55	21.28	2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	26.82	20.77	2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	45.63	13.76	3.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	30.45	20.25	2.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	23.48	19.85	2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.25	35.33	13.35	3.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	24.54	19.23	2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	24.86	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	55.34	17.11	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	41.03	12.68	3.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	33.10	12.31	3.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	38.33	11.64	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	27.97	11.27	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	38.74	10.65	3.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.36	10.21	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	43.18	9.63	3.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.74	8.97	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	54.37	12.11	3.48	0.46	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.38	8.06	4.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	32.51	7.53	4.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	27.71	7.16	4.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.06	28.74	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	162.77	25.36	6.41	0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.22	170.46	25.96	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	164.11	24.42	7.53	0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.22	163.47	18.53	6.71	0.83	0.0	0.0	0.0	0.0	0.0	0.0
14.22	133.86	21.17	7.53	0.04	0.0	0.0	0.0	0.0	0.0	0.0
14.22	138.19	19.49	7.53	0.04	0.0	0.0	0.0	0.0	0.0	0.0
14.22	35.63	18.06	7.53	0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.22	102.49	16.77	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	104.53	15.42	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	145.03	13.69	7.53	0.07	0.0	0.0	0.0	0.0	0.0	0.0
14.22	94.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.48	9.91	6.74	0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.22	223.18	15.22	7.75	1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	90.04	7.57	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	251.85	9.63	7.66	1.06	0.0	0.0	0.0	0.0	0.0	0.0
14.21	115.17	3.67	7.53	0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	155.00	2.18	7.53	0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.21	59.04	24.01	7.05	0.33	0.0	0.0	0.0	0.0	0.0	0.0
14.21	26.17	5.18	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	13.29	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	17.99	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	53.99	29.13	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	123.00	12.88	8.51	1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.20	65.43	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	53.99	1.65	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	47.23	29.13	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	46.44	10.16	6.90	0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.20	28.85	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	35.15	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	101.85	14.54	9.71	1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.19	29.23	19.09	11.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	40.48	29.13	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	75.62	25.69	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	18.39	19.23	11.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	135.87	16.04	5.57	1.17	0.0	0.0	0.0	0.0	0.0	0.0
14.18	59.00	24.43	1.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	41.64	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	76.49	15.66	8.62	1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.18	39.39	23.83	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	33.45	1.65	11.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	52.17	23.38	1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	58.75	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	21.11	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	37.60	22.73	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	51.14	22.33	1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	2207.36	15.62	11.93	1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.17	35.78	21.59	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	37.83	21.28	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	66.47	23.20	3.19	0.25	0.0	0.0	0.0	0.0	0.0	0.0
14.17	35.95	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	39.24	20.25	1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.03	13.34	6.41	0.72	0.0	0.0	0.0	0.0	0.0	0.0
14.16	69.91	25.69	11.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	60.93	19.15	3.17	9.70e-03	0.0	0.0	0.0	0.0	0.0	0.0
14.16	56.55	19.04	1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.40	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	127.96	18.85	3.85	0.63	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.16	29.64	17.77	2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	43.35	24.30	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	132.48	14.85	6.40	0.92	0.0	0.0	0.0	0.0	0.0	0.0
14.15	39.86	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.85	16.50	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.75	16.42	4.05	0.73	0.0	0.0	0.0	0.0	0.0	0.0
14.15	84.66	16.65	4.11	0.70	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.23	13.22	2.71	0.40	0.0	0.0	0.0	0.0	0.0	0.0
14.15	82.73	13.18	4.05	0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.15	21.86	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	56.48	13.05	3.81	0.54	0.0	0.0	0.0	0.0	0.0	0.0
14.15	69.24	12.88	4.12	0.66	0.0	0.0	0.0	0.0	0.0	0.0
14.15	42.16	15.46	2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	28.78	8.96	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	74.54	5.18	4.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	46.75	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	92.74	12.43	2.79	0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.14	39.37	8.80	3.74	0.25	0.0	0.0	0.0	0.0	0.0	0.0
14.14	104.63	13.23	6.11	0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.14	60.49	13.50	3.33	0.42	0.0	0.0	0.0	0.0	0.0	0.0
14.13	44.10	13.76	2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	27.93	11.31	2.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	70.71	12.45	2.71	0.09	0.0	0.0	0.0	0.0	0.0	0.0
14.13	81.41	14.62	2.98	0.34	0.0	0.0	0.0	0.0	0.0	0.0
14.13	57.65	10.32	3.37	0.38	0.0	0.0	0.0	0.0	0.0	0.0
14.13	41.59	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.12	224.50	14.31	3.89	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.11	41.57	12.74	3.51	0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.11	36.06	25.69	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	61.60	14.94	3.39	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.11	16.96	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	47.73	12.31	12.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	1952.37	15.81	1.76	1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.07	26.42	19.09	12.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.06	12.39	19.23	12.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	17.39	22.33	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	13.16	22.65	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	3209.66	15.39	12.68	1.37	0.0	15.74	12.68	1.1765e-04	1.373	6.2240e-04
14.01	25.36	23.51	-0.03	0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.01	16.28	25.08	-0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.00	545.87	14.34	1.46	0.96	0.0	0.0	0.0	0.0	0.0	0.0
13.82	2601.25	15.40	13.51	1.37	0.0	0.0	0.0	0.0	0.0	0.0
13.63	1384.82	15.40	14.34	1.37	0.0	15.43	14.34	0.095	0.028	0.0
13.51	4869.50	16.00	7.39	1.37	0.0	19.47	9.12	0.603	0.226	0.327
13.41	5.273e+04	15.85	7.64	1.37	0.0	14.77	7.37	0.836	0.149	0.032
13.31	4324.18	16.20	7.27	1.37	0.0	16.43	7.22	1.056	0.023	0.004
12.56	9219.00	16.13	7.38	1.37	0.0	16.22	7.18	0.980	0.009	0.023
11.78	9339.06	16.13	7.36	1.37	0.0	16.39	7.18	0.982	0.025	0.021
11.20	283.34	14.71	9.83	0.09	0.0	14.72	9.09	1.170	0.012	0.520
11.00	9007.32	16.19	7.27	1.37	0.0	16.27	7.18	1.031	0.008	0.010
10.62	262.88	14.71	9.83	0.09	0.0	14.72	9.09	1.170	0.012	0.520
10.23	4497.59	16.20	7.27	1.37	0.0	14.78	7.33	0.756	0.174	0.010
10.13	1.632e+05	15.80	8.40	1.37	0.0	14.77	7.39	0.817	0.141	0.120
10.03	4324.18	16.20	7.27	1.37	0.0	16.43	7.22	1.056	0.023	0.004
9.28	9219.00	16.13	7.38	1.37	0.0	16.22	7.18	0.980	0.009	0.023
8.50	9326.91	16.14	7.36	1.37	0.0	16.39	7.18	0.982	0.024	0.020
7.92	283.34	14.71	9.83	0.09	0.0	14.72	9.09	1.170	0.012	0.520
7.72	8995.18	16.19	7.27	1.37	0.0	16.27	7.18	1.031	0.007	0.009
7.34	262.88	14.71	9.83	0.09	0.0	14.72	9.09	1.170	0.012	0.520
6.94	4497.59	16.20	7.27	1.37	0.0	14.78	7.17	0.929	0.174	0.011
6.84	1.626e+05	15.79	8.41	1.37	0.0	14.77	7.42	0.725	0.136	0.153
6.74	5323.51	16.20	7.27	1.37	0.0	16.43	7.22	1.056	0.023	0.004
5.96	1.105e+04	16.14	7.36	1.37	0.0	16.23	7.18	0.981	0.009	0.021
5.19	1.103e+04	16.14	7.35	1.37	0.0	16.40	7.18	0.983	0.025	0.020
4.41	9316.78	16.13	7.37	1.37	0.0	16.24	7.19	1.030	0.010	0.020
3.88	8211.18	16.20	7.27	1.37	0.0	14.78	7.33	0.756	0.174	0.010
3.63	4050.96	19.09	10.18	0.0	0.0	18.33	9.64	4.491	0.044	0.092
Risulta	5.517e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kg		kg		kg			
1	2.496	0.401	0.117	8.99	1.63e-03	4.608e+05	83.5	0.0	0.0	0.0	0.0
2	2.854	0.350	0.133	4.141e+05	75.1	1220.97	0.2	0.0	0.0	0.0	0.0
3	3.553	0.281	0.166	4.232e+04	7.7	9432.70	1.7	0.0	0.0	0.0	0.0
4	7.372	0.136	0.173	377.95	6.85e-02	1.969e+04	3.6	0.0	0.0	0.0	0.0
5	7.667	0.130	0.173	1417.14	0.3	2.773e+04	5.0	0.0	0.0	0.0	0.0
6	7.904	0.127	0.173	5.285e+04	9.6	3972.05	0.7	0.0	0.0	0.0	0.0
7	8.411	0.119	0.173	102.22	1.85e-02	430.47	7.80e-02	0.0	0.0	0.0	0.0
8	8.671	0.115	0.173	45.98	8.33e-03	396.94	7.19e-02	0.0	0.0	0.0	0.0
9	8.719	0.115	0.173	201.36	3.65e-02	1638.41	0.3	0.0	0.0	0.0	0.0
10	9.253	0.108	0.173	4726.71	0.9	1182.92	0.2	0.0	0.0	0.0	0.0
11	9.389	0.107	0.173	5.59	1.01e-03	0.16	2.82e-05	0.0	0.0	0.0	0.0
12	9.429	0.106	0.173	408.10	7.40e-02	39.55	7.17e-03	0.0	0.0	0.0	0.0
13	9.468	0.106	0.173	642.23	0.1	722.80	0.1	0.0	0.0	0.0	0.0
14	9.514	0.105	0.173	2943.76	0.5	843.53	0.2	0.0	0.0	0.0	0.0
15	9.677	0.103	0.173	434.94	7.88e-02	17.36	3.15e-03	0.0	0.0	0.0	0.0
16	9.855	0.101	0.173	16.38	2.97e-03	681.22	0.1	0.0	0.0	0.0	0.0
17	9.867	0.101	0.173	232.23	4.21e-02	1.91	3.46e-04	0.0	0.0	0.0	0.0
18	9.884	0.101	0.173	615.55	0.1	500.47	9.07e-02	0.0	0.0	0.0	0.0
19	10.439	0.096	0.173	115.67	2.10e-02	5165.88	0.9	0.0	0.0	0.0	0.0
20	10.544	0.095	0.173	55.20	1.00e-02	24.20	4.39e-03	0.0	0.0	0.0	0.0
21	10.591	0.094	0.173	20.92	3.79e-03	945.18	0.2	0.0	0.0	0.0	0.0
22	10.642	0.094	0.173	61.37	1.11e-02	33.53	6.08e-03	0.0	0.0	0.0	0.0
23	10.651	0.094	0.173	48.03	8.71e-03	26.12	4.73e-03	0.0	0.0	0.0	0.0
24	10.696	0.093	0.173	256.91	4.66e-02	207.49	3.76e-02	0.0	0.0	0.0	0.0
25	10.852	0.092	0.173	438.52	7.95e-02	80.83	1.46e-02	0.0	0.0	0.0	0.0
26	10.923	0.092	0.173	104.86	1.90e-02	23.88	4.33e-03	0.0	0.0	0.0	0.0
27	10.930	0.091	0.173	402.43	7.29e-02	27.27	4.94e-03	0.0	0.0	0.0	0.0
28	10.958	0.091	0.173	846.69	0.2	2.59	4.69e-04	0.0	0.0	0.0	0.0
29	11.040	0.091	0.173	3723.63	0.7	645.06	0.1	0.0	0.0	0.0	0.0
30	11.061	0.090	0.173	583.20	0.1	213.36	3.87e-02	0.0	0.0	0.0	0.0
Risulta				5.281e+05		5.367e+05		0.0			
In percentuale				95.72		97.28		0.0			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.173 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.405 sec.
			numero di modi considerati: 30
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kg	m	m	m	m	m	m			
15.18	1902.25	14.84	7.53	-1.37	0.0	15.87	7.53	0.004	0.175	3.2989e-06
15.10	29.36	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.09	26.62	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	72.66	25.69	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.08	13.13	19.23	7.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	46.36	24.94	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.06	25.89	5.55	8.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.05	44.33	24.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.04	40.78	23.91	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	62.85	25.69	8.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.03	45.20	23.38	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.02	46.02	22.88	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.01	2183.18	15.45	8.27	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
15.01	33.78	12.71	8.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	50.89	25.69	7.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.00	47.76	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
15.00	53.74	22.33	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	41.85	21.74	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.99	33.71	24.95	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.98	60.13	20.77	7.75	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.97	37.74	24.43	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	19.36	19.09	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.97	47.04	20.75	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	29.68	23.90	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.96	45.25	20.25	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	42.10	19.78	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.95	38.63	23.38	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	35.81	19.23	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	31.07	22.89	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	76.02	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.41	19.09	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	15.61	19.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.93	11.00	18.80	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	13.66	18.72	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.92	44.88	22.33	6.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	25.25	18.19	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.91	51.34	24.96	6.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.90	73.95	19.53	7.25	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
14.90	56.48	24.43	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	55.40	5.18	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	108.22	24.02	8.07	-0.22	0.0	0.0	0.0	0.0	0.0	0.0
14.89	68.16	17.11	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.89	24.23	19.04	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	42.57	23.90	6.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.88	33.36	20.75	6.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	50.98	16.43	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	28.88	5.55	8.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.87	95.69	21.99	6.57	-0.16	0.0	0.0	0.0	0.0	0.0	0.0
14.86	43.81	15.99	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	81.15	17.32	7.24	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.85	42.26	22.90	6.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	45.72	19.09	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.85	21.49	19.23	8.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	14.33	19.04	6.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	2166.91	15.46	9.00	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.84	37.62	19.23	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	57.98	14.87	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.84	33.82	12.74	9.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	60.43	22.33	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	54.76	12.31	9.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.83	49.95	14.37	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	41.88	21.71	6.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.82	57.61	18.19	6.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.81	60.47	13.76	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	50.50	21.28	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.80	66.21	18.32	6.70	-0.06	0.0	0.0	0.0	0.0	0.0	0.0
14.80	49.12	13.13	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	41.49	12.68	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.79	40.91	20.76	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	74.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	64.44	17.11	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.78	69.15	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	50.65	20.25	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	41.97	16.44	6.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	59.20	11.64	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.77	45.20	15.99	6.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	39.94	19.79	6.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.76	48.86	24.98	5.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	82.06	13.30	7.17	-0.22	0.0	0.0	0.0	0.0	0.0	0.0
14.75	65.62	5.18	9.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.75	91.84	18.66	6.23	-0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.74	41.81	19.23	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	53.77	14.87	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	54.75	19.04	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.74	44.28	10.28	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	38.73	23.88	5.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	47.90	18.19	6.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.73	40.12	14.37	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	56.20	9.63	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.72	46.80	23.38	5.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.71	55.95	13.76	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	19.29	5.55	9.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	43.28	9.04	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	36.79	22.91	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.71	66.54	22.45	5.33	-0.39	0.0	0.0	0.0	0.0	0.0	0.0
14.70	39.15	13.15	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	47.76	8.58	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	8.57	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.70	82.15	23.30	5.10	-0.13	0.0	0.0	0.0	0.0	0.0	0.0
14.69	41.66	12.68	6.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	64.98	25.69	9.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.69	40.65	7.98	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	98.72	20.91	8.04	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
14.68	51.42	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	23.38	19.23	9.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	34.63	21.68	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	38.48	7.53	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.68	2155.67	15.46	9.74	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.67	24.65	23.88	4.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	52.29	11.64	6.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	108.05	18.65	5.67	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.67	42.90	7.12	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.67	33.74	12.78	9.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	30.01	23.38	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	42.90	16.46	5.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.96	11.10	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	47.78	15.99	6.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.66	32.21	20.76	5.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	161.15	14.45	7.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0
14.65	53.25	6.48	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.65	74.78	13.26	6.39	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.65	85.63	19.12	5.41	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.64	35.70	22.33	4.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	58.99	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	48.70	5.86	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	47.83	9.63	6.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	12.67	5.55	9.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.64	54.81	14.87	6.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	29.85	19.80	5.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	23.90	21.68	4.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	31.06	9.03	6.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.63	57.39	24.99	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	124.35	11.81	6.45	-0.81	0.0	0.0	0.0	0.0	0.0	0.0
14.62	30.81	19.23	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	37.30	8.58	6.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.62	44.60	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	23.17	20.76	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	59.43	24.43	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	56.36	13.76	6.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.61	29.12	8.06	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	28.47	20.25	4.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	33.29	7.53	6.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	48.91	23.87	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.60	101.08	8.29	8.50	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
14.60	22.45	19.80	4.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	27.69	7.13	6.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	52.84	23.38	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	42.20	12.68	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.59	23.80	19.23	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	49.03	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	75.55	12.25	6.06	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.58	48.36	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.58	51.04	11.64	6.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	31.38	5.86	7.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	32.99	11.14	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.57	64.86	22.33	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	38.89	10.65	6.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	31.88	5.18	7.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	146.37	17.62	5.03	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.56	32.25	10.26	6.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.56	55.89	13.99	6.34	-0.55	0.0	0.0	0.0	0.0	0.0	0.0
14.55	147.60	15.87	5.26	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
14.54	31.04	9.02	6.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.54	90.90	18.55	4.75	-0.29	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.54	36.68	8.58	6.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	29.16	8.06	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	50.15	20.76	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	54.89	14.87	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	57.90	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.53	33.37	7.53	6.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	93.14	17.65	4.74	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.52	27.70	7.14	6.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	68.17	19.09	10.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.52	26.22	19.23	10.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	50.49	25.01	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	52.36	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	44.85	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.51	98.59	10.64	5.79	-0.36	0.0	0.0	0.0	0.0	0.0	0.0
14.51	2143.44	15.45	10.47	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.50	42.10	5.86	6.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	58.75	24.43	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	51.17	5.18	6.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.50	85.24	16.43	4.77	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
14.50	33.71	12.81	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	38.93	19.04	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	41.96	23.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	42.73	12.68	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.49	49.70	12.31	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	115.87	12.02	8.37	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.48	71.77	18.59	5.40	-0.89	0.0	0.0	0.0	0.0	0.0	0.0
14.48	33.03	11.18	5.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.48	40.40	18.19	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	40.51	10.65	5.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	32.24	10.25	5.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	41.71	22.86	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.47	77.47	12.75	5.13	-0.41	0.0	0.0	0.0	0.0	0.0	0.0
14.46	31.03	9.00	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	36.32	8.58	5.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	61.15	22.33	3.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.46	29.16	8.06	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	81.17	13.19	4.95	-0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.45	53.19	5.18	10.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.45	62.57	12.35	5.05	-0.47	0.0	0.0	0.0	0.0	0.0	0.0
14.44	42.30	15.99	4.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	41.44	21.64	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.44	70.62	11.58	5.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.44	37.13	15.51	4.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.43	46.91	21.28	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	47.98	14.87	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	40.54	20.77	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	34.09	18.19	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	37.05	14.39	4.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.42	52.68	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	49.41	20.25	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	24.33	17.78	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.41	50.73	13.76	4.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	39.65	19.82	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	48.87	25.02	2.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.40	37.87	13.19	4.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	37.36	17.11	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	36.83	5.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	98.90	22.17	3.03	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.39	41.32	12.68	4.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	46.37	12.31	4.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.39	84.53	14.79	4.20	-0.37	0.0	0.0	0.0	0.0	0.0	0.0
14.38	33.06	11.21	4.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	42.13	10.65	4.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	32.23	10.23	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	47.80	9.63	5.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.42	16.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	31.02	8.99	5.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	35.96	8.58	5.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	29.16	8.06	5.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.38	71.09	16.28	3.90	-0.82	0.0	0.0	0.0	0.0	0.0	0.0
14.37	27.70	7.15	5.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	41.29	15.99	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	47.61	23.38	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.37	40.74	6.48	5.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.36	36.90	15.50	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.36	35.60	22.81	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	38.11	18.19	3.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	24.69	5.85	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.35	95.54	23.95	6.77	-0.17	0.0	0.0	0.0	0.0	0.0	0.0
14.35	43.75	14.87	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	38.27	5.18	5.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.34	2152.58	15.49	11.11	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.33	38.23	14.39	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	32.96	21.62	2.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.33	51.49	10.54	9.49	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
14.32	35.54	21.28	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.20	17.11	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	26.45	5.55	11.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.32	41.78	13.76	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	30.24	20.77	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	17.50	13.35	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	20.21	13.20	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	67.82	12.31	11.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.31	52.95	16.50	3.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	120.45	15.85	7.67	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.30	67.88	14.13	3.69	-0.64	0.0	0.0	0.0	0.0	0.0	0.0
14.30	28.18	8.06	4.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	61.06	7.93	4.68	-0.07	0.0	0.0	0.0	0.0	0.0	0.0
14.30	28.20	8.98	4.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	48.32	25.04	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.30	131.70	13.03	3.83	-0.32	0.0	0.0	0.0	0.0	0.0	0.0
14.29	54.92	15.04	3.48	-0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.29	77.71	8.42	4.56	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.29	105.87	21.89	6.45	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
14.29	26.60	11.25	4.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	37.13	11.64	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	72.22	15.32	3.40	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.29	42.66	15.49	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	36.83	23.84	1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.29	30.41	5.85	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	46.56	23.38	2.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	29.09	19.23	2.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.28	89.42	16.63	3.10	-0.88	0.0	0.0	0.0	0.0	0.0	0.0
14.28	51.37	14.87	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	45.24	22.33	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	20.85	17.77	2.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	38.59	14.39	3.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.27	30.16	21.61	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	31.55	21.28	2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	26.82	20.77	2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.26	45.63	13.76	3.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	30.45	20.25	2.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	23.48	19.85	2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	35.33	13.35	3.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.25	24.54	19.23	2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	24.86	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	55.34	17.11	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	41.03	12.68	3.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	33.10	12.31	3.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	38.33	11.64	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.24	27.97	11.27	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	38.74	10.65	3.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.36	10.21	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	43.18	9.63	3.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.74	8.97	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	54.37	12.11	3.48	-0.46	0.0	0.0	0.0	0.0	0.0	0.0
14.23	28.38	8.06	4.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	32.51	7.53	4.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.23	27.71	7.16	4.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.06	28.74	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	162.77	25.36	6.41	-0.48	0.0	0.0	0.0	0.0	0.0	0.0
14.22	170.46	25.96	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	164.11	24.42	7.53	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.22	163.47	18.53	6.71	-0.83	0.0	0.0	0.0	0.0	0.0	0.0
14.22	133.86	21.17	7.53	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
14.22	138.19	19.49	7.53	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
14.22	35.63	18.06	7.53	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.22	102.49	16.77	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.22	104.53	15.42	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.22	145.03	13.69	7.53	-0.07	0.0	0.0	0.0	0.0	0.0	0.0
14.22	94.15	12.31	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.22	127.48	9.91	6.74	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
14.22	223.18	15.22	7.75	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	90.04	7.57	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	251.85	9.63	7.66	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
14.21	115.17	3.67	7.53	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
14.21	155.00	2.18	7.53	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
14.21	59.04	24.01	7.05	-0.33	0.0	0.0	0.0	0.0	0.0	0.0
14.21	26.17	5.18	4.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	13.29	5.18	7.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	17.99	19.09	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	53.99	29.13	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.21	123.00	12.88	8.51	-1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.20	65.43	25.69	6.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	53.99	1.65	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	47.23	29.13	9.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	46.44	10.16	6.90	-0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.20	28.85	12.31	6.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.20	35.15	12.31	8.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	101.85	14.54	9.71	-1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.19	29.23	19.09	11.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	40.48	29.13	10.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	75.62	25.69	0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	18.39	19.23	11.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.19	135.87	16.04	5.57	-1.17	0.0	0.0	0.0	0.0	0.0	0.0
14.18	59.00	24.43	1.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	41.64	25.69	10.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	76.49	15.66	8.62	-1.20	0.0	0.0	0.0	0.0	0.0	0.0
14.18	39.39	23.83	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	33.45	1.65	11.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	52.17	23.38	1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	58.75	25.69	5.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	21.11	12.31	6.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	37.60	22.73	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.18	51.14	22.33	1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	2207.36	15.62	11.93	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
14.17	35.78	21.59	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	37.83	21.28	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	66.47	23.20	3.19	-0.25	0.0	0.0	0.0	0.0	0.0	0.0
14.17	35.95	19.04	5.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.17	39.24	20.25	1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.03	13.34	6.41	-0.72	0.0	0.0	0.0	0.0	0.0	0.0
14.16	69.91	25.69	11.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	60.93	19.15	3.17	-9.70e-03	0.0	0.0	0.0	0.0	0.0	0.0
14.16	56.55	19.04	1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	58.40	25.69	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	127.96	18.85	3.85	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
14.16	29.64	17.77	2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	43.35	24.30	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.16	132.48	14.85	6.40	-0.92	0.0	0.0	0.0	0.0	0.0	0.0
14.15	39.86	22.92	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.85	16.50	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.75	16.42	4.05	-0.73	0.0	0.0	0.0	0.0	0.0	0.0
14.15	84.66	16.65	4.11	-0.70	0.0	0.0	0.0	0.0	0.0	0.0
14.15	81.23	13.22	2.71	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
14.15	82.73	13.18	4.05	-0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.15	21.86	19.81	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	56.48	13.05	3.81	-0.54	0.0	0.0	0.0	0.0	0.0	0.0
14.15	69.24	12.88	4.12	-0.66	0.0	0.0	0.0	0.0	0.0	0.0
14.15	42.16	15.46	2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.15	28.78	8.96	3.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	74.54	5.18	4.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	46.75	25.69	3.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.14	92.74	12.43	2.79	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
14.14	39.37	8.80	3.74	-0.25	0.0	0.0	0.0	0.0	0.0	0.0
14.14	104.63	13.23	6.11	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
14.14	60.49	13.50	3.33	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
14.13	44.10	13.76	2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	27.93	11.31	2.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.13	70.71	12.45	2.71	-0.09	0.0	0.0	0.0	0.0	0.0	0.0
14.13	81.41	14.62	2.98	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
14.13	57.65	10.32	3.37	-0.38	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
14.13	41.59	25.69	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.12	224.50	14.31	3.89	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.11	41.57	12.74	3.51	-0.69	0.0	0.0	0.0	0.0	0.0	0.0
14.11	36.06	25.69	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.11	61.60	14.94	3.39	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.11	16.96	19.04	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	47.73	12.31	12.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.08	1952.37	15.81	1.76	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
14.07	26.42	19.09	12.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.06	12.39	19.23	12.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	17.39	22.33	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	13.16	22.65	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.01	3209.66	15.39	12.68	-1.37	0.0	15.74	12.68	1.1765e-04	1.373	6.2240e-04
14.01	25.36	23.51	-0.03	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
14.01	16.28	25.08	-0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.00	545.87	14.34	1.46	-0.96	0.0	0.0	0.0	0.0	0.0	0.0
13.82	2601.25	15.40	13.51	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
13.63	1384.82	15.40	14.34	-1.37	0.0	15.43	14.34	0.095	0.028	0.0
13.51	4869.50	16.00	7.39	-1.37	0.0	19.47	9.12	0.603	0.226	0.327
13.41	5.273e+04	15.85	7.64	-1.37	0.0	14.77	7.37	0.836	0.149	0.032
13.31	4324.18	16.20	7.27	-1.37	0.0	16.43	7.22	1.056	0.023	0.004
12.56	9219.00	16.13	7.38	-1.37	0.0	16.22	7.18	0.980	0.009	0.023
11.78	9339.06	16.13	7.36	-1.37	0.0	16.39	7.18	0.982	0.025	0.021
11.20	283.34	14.71	9.83	-0.09	0.0	14.72	9.09	1.170	0.012	0.520
11.00	9007.32	16.19	7.27	-1.37	0.0	16.27	7.18	1.031	0.008	0.010
10.62	262.88	14.71	9.83	-0.09	0.0	14.72	9.09	1.170	0.012	0.520
10.23	4497.59	16.20	7.27	-1.37	0.0	14.78	7.33	0.756	0.174	0.010
10.13	1.632e+05	15.80	8.40	-1.37	0.0	14.77	7.39	0.817	0.141	0.120
10.03	4324.18	16.20	7.27	-1.37	0.0	16.43	7.22	1.056	0.023	0.004
9.28	9219.00	16.13	7.38	-1.37	0.0	16.22	7.18	0.980	0.009	0.023
8.50	9326.91	16.14	7.36	-1.37	0.0	16.39	7.18	0.982	0.024	0.020
7.92	283.34	14.71	9.83	-0.09	0.0	14.72	9.09	1.170	0.012	0.520
7.72	8995.18	16.19	7.27	-1.37	0.0	16.27	7.18	1.031	0.007	0.009
7.34	262.88	14.71	9.83	-0.09	0.0	14.72	9.09	1.170	0.012	0.520
6.94	4497.59	16.20	7.27	-1.37	0.0	14.78	7.17	0.929	0.174	0.011
6.84	1.626e+05	15.79	8.41	-1.37	0.0	14.77	7.42	0.725	0.136	0.153
6.74	5323.51	16.20	7.27	-1.37	0.0	16.43	7.22	1.056	0.023	0.004
5.96	1.105e+04	16.14	7.36	-1.37	0.0	16.23	7.18	0.981	0.009	0.021
5.19	1.103e+04	16.14	7.35	-1.37	0.0	16.40	7.18	0.983	0.025	0.020
4.41	9316.78	16.13	7.37	-1.37	0.0	16.24	7.19	1.030	0.010	0.020
3.88	8211.18	16.20	7.27	-1.37	0.0	14.78	7.33	0.756	0.174	0.010
3.63	4050.96	19.09	10.18	0.0	0.0	18.33	9.64	4.491	0.044	0.092
Risulta	5.517e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kg		kg		kg			
1	2.472	0.405	0.115	1.443e+04	2.6	4.351e+05	78.9	0.0	0.0	0.0	0.0
2	2.876	0.348	0.134	4.010e+05	72.7	2.518e+04	4.6	0.0	0.0	0.0	0.0
3	3.499	0.286	0.163	4.100e+04	7.4	1.097e+04	2.0	0.0	0.0	0.0	0.0
4	7.395	0.135	0.173	1.083e+04	2.0	3.644e+04	6.6	0.0	0.0	0.0	0.0
5	8.061	0.124	0.173	3.790e+04	6.9	9077.18	1.6	0.0	0.0	0.0	0.0
6	8.104	0.123	0.173	1707.18	0.3	1.00	1.82e-04	0.0	0.0	0.0	0.0
7	8.151	0.123	0.173	3965.42	0.7	6554.77	1.2	0.0	0.0	0.0	0.0
8	8.459	0.118	0.173	1965.03	0.4	6.13	1.11e-03	0.0	0.0	0.0	0.0
9	8.701	0.115	0.173	800.73	0.1	1490.17	0.3	0.0	0.0	0.0	0.0
10	9.064	0.110	0.173	337.41	6.12e-02	1182.44	0.2	0.0	0.0	0.0	0.0
11	9.210	0.109	0.173	5006.78	0.9	2272.55	0.4	0.0	0.0	0.0	0.0
12	9.389	0.107	0.173	11.51	2.09e-03	0.03	5.53e-06	0.0	0.0	0.0	0.0
13	9.432	0.106	0.173	1064.11	0.2	1.88	3.41e-04	0.0	0.0	0.0	0.0
14	9.677	0.103	0.173	307.19	5.57e-02	3.91	7.09e-04	0.0	0.0	0.0	0.0
15	9.866	0.101	0.173	199.89	3.62e-02	2.65	4.80e-04	0.0	0.0	0.0	0.0
16	9.869	0.101	0.173	2.87	5.20e-04	58.74	1.06e-02	0.0	0.0	0.0	0.0
17	9.967	0.100	0.173	1.21	2.19e-04	74.05	1.34e-02	0.0	0.0	0.0	0.0
18	10.130	0.099	0.173	1683.92	0.3	2864.81	0.5	0.0	0.0	0.0	0.0
19	10.273	0.097	0.173	214.80	3.89e-02	2161.20	0.4	0.0	0.0	0.0	0.0
20	10.392	0.096	0.173	59.94	1.09e-02	138.73	2.51e-02	0.0	0.0	0.0	0.0
21	10.467	0.096	0.173	397.78	7.21e-02	1034.85	0.2	0.0	0.0	0.0	0.0
22	10.574	0.095	0.173	5.09	9.23e-04	3.39	6.14e-04	0.0	0.0	0.0	0.0
23	10.594	0.094	0.173	441.66	8.01e-02	341.06	6.18e-02	0.0	0.0	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
24	10.694	0.094	0.173	3.77	6.83e-04	8.49	1.54e-03	0.0	0.0	0.0	0.0
25	10.730	0.093	0.173	285.23	5.17e-02	1.20	2.18e-04	0.0	0.0	0.0	0.0
26	10.743	0.093	0.173	81.97	1.49e-02	116.64	2.11e-02	0.0	0.0	0.0	0.0
27	10.780	0.093	0.173	596.36	0.1	35.55	6.44e-03	0.0	0.0	0.0	0.0
28	10.877	0.092	0.173	260.95	4.73e-02	12.51	2.27e-03	0.0	0.0	0.0	0.0
29	10.929	0.091	0.173	4.61	8.36e-04	93.81	1.70e-02	0.0	0.0	0.0	0.0
30	10.934	0.091	0.173	3.79	6.88e-04	11.70	2.12e-03	0.0	0.0	0.0	0.0
Risulta				5.246e+05		5.352e+05		0.0			
In percentuale				95.09		97.02		0.0			

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
			cm	cm			cm	cm			cm	cm
87	335	0.51	0.16	321.3	336	0.65	0.21	328.3	337	0.38	0.13	328.3
	508	0.52	0.17	321.3	509	0.52	0.17	321.3	828	0.66	0.22	328.3
	829	0.65	0.21	328.3	830	0.41	0.15	350.5	831	0.40	0.14	350.5
...												
118	829	0.87	0.28	328.3	830	0.57	0.20	350.5	831	0.57	0.20	350.5
Cmb		**1000 etaT/h**										
		0.99										

RISULTATI NODALI

LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	**Cmb**	**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
		cm	cm	cm			
1860	1	-0.17	-0.02	-0.68	1.75e-06	0.0	3.40e-05
1860	2	-0.71	0.02	-0.81	-3.57e-05	0.0	1.22e-04
1860	3	0.01	-0.05	-0.35	3.28e-05	0.0	2.63e-06
...							
7143	132	-0.07	0.06	-0.60	2.82e-04	4.13e-04	1.12e-05
Nodo		**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
		-1.14	-1.34	-1.48	-0.01	-0.01	-7.12e-04
		0.90	1.46	0.0	0.01	9.28e-03	1.09e-03

Nodo	**Cmb**	**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**
		daN	daN	daN	daN m	daN m	daN m
Nodo		**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**

Nodo	**Cmb**	**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**
		daN	daN	daN	daN m	daN m	daN m

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

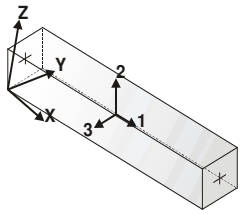
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

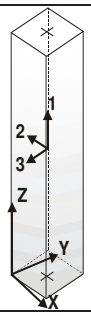
Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga)
Q2/Q3	carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga)
Pos.	ascissa del punto iniziale e finale dell'elemento
N, V2, ecc..	sei componenti di sollecitazione al piede ed in sommità dell'elemento

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



orientamento elementi 2D non verticali



orientamento elementi 2D verticali

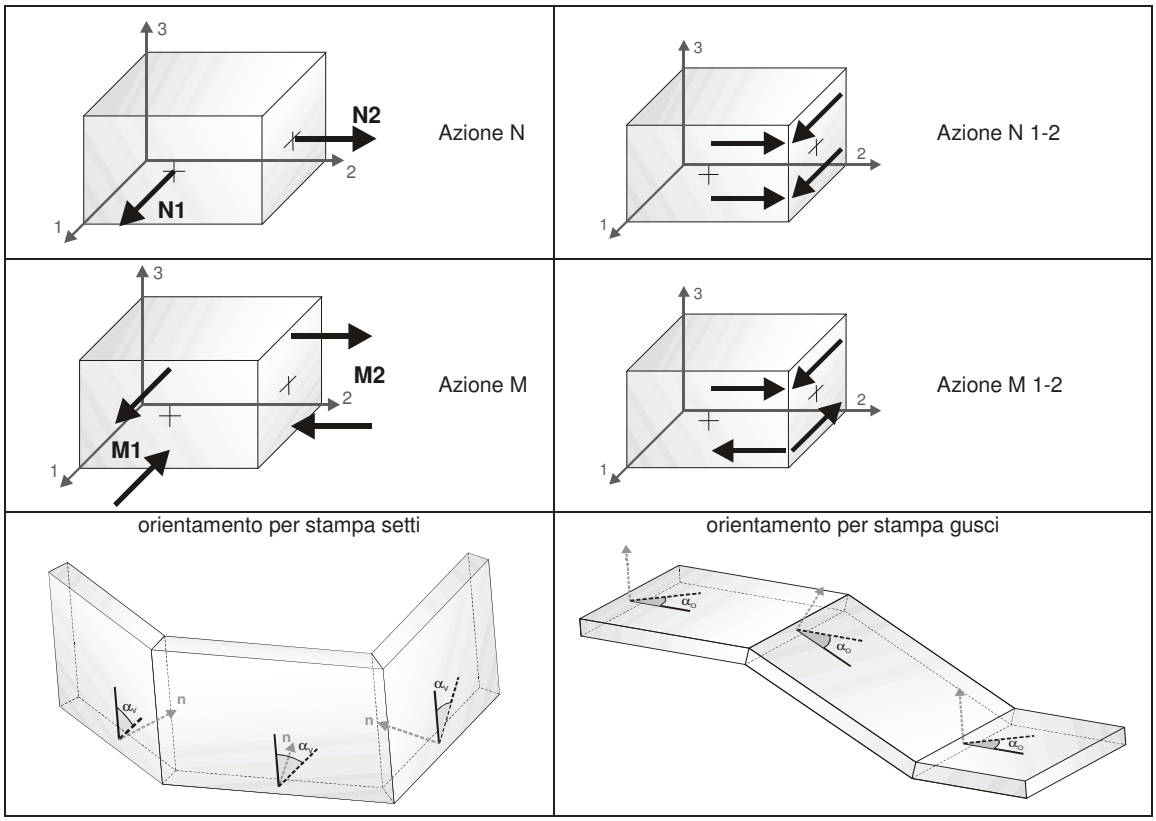
Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN m	daN m	m	daN	cm	daN	daN	daN	daN m	daN m	daN m
335	1	120.07	0.0	3.39e-04	0.0	0.0	-7578.61	-66.96	0.0	0.07	0.0	120.07
		-95.04	0.0	1.39e-04	0.0	12.0	-7571.27	-66.96	0.0	0.07	0.0	112.04
						80.3	-7529.44	-66.96	0.0	0.07	0.0	66.29
...												
831	132	0.0	-37.73	-4.31e-04	0.0	350.5	-62.42	-3.73	10.77	0.89	0.0	0.0
Pilas.		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		-990.21	-235.29	-4.04e-03	0.0		-1.174e+04	-594.05	-87.37	-15.69		
		960.72	246.74	4.88e-03	0.0		421.63	445.75	146.78	17.01		

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN m	daN m	m	daN	cm	daN	daN	daN	daN m	daN m	daN m
1	1	25.49	46.19	-3.88e-05	-171.97	0.0	436.47	131.34	60.27	-1.66	1.90	-11.36
		-11.36	1.90	-2.74e-06	0.0	9.2	436.47	109.84	60.27	-1.66	7.43	-0.28
						18.4	436.47	88.35	60.27	-1.66	12.97	8.82
...												
845	132	-102.70	-0.14	-1.20e-05	0.0	253.2	39.15	0.0	0.06	0.0	0.0	0.0
Trave		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		-3863.76	-158.32	-6.38e-03	-9693.05		-9693.01	-7735.39	-996.51	-803.46		
		4525.85	175.39	5.57e-03	0.0		1.367e+04	9326.00	1311.41	884.63		

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoriportate.
Per ogni elemento, e per ogni combinazione(o caso di carico) vengono riportati i risultati più significativi.



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises		(valore riassuntivo del complessivo stato di sollecitazione)
N max		sforzo membranale principale massimo
N min		sforzo membranale principale minimo
M max		sforzo flessionale principale massimo
M min		sforzo flessionale principale minimo
N1 **N1-2** **M2**	**N2** **M1** **M1-2**	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento (lo sforzo 2-1 è uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.
In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi.
I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_O attorno all'asse Z per i gusci e ruotata di α_V attorno alla normale (che per definizione è orizzontale) al piano del setto.
Per i setti, in particolare, se α_V è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.

Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

N memb.	Azione membranale complessiva agente sulla parete in direzione Z
V memb.	Azione complessiva di taglio agente nel piano del macroelemento
V orto	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
M memb.	Azione flessionale complessiva agente nel piano del macroelemento
M orto	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
T	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
1	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
1	1	0.0	-9661.60	7935.45	-269.93	-260.32	149.85	36.95
1	1	103.00	-1.034e+04	7935.45	-269.93	2216.32	141.12	-24.08
1	1	206.00	-7517.43	9989.72	-104.06	5494.45	-44.11	39.24
...								
1	132	363.00	-1552.19	6500.63	-306.90	2066.77	-205.00	66.64
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.370e+04	788.56	-939.46	-1865.51	-848.48	-112.40
			-1236.99	1.442e+04	631.19	7363.25	947.69	174.38

Macro	Tipo	Angolo 1-Z (gradi)
2	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
2	1	0.0	-3.467e+04	-8116.39	-2895.58	2.476e+04	1862.33	300.79
2	1	103.00	-3.393e+04	-8116.39	-2895.58	2.392e+04	1875.94	151.49
2	1	206.00	-2.467e+04	-8549.04	-201.76	9376.59	266.95	246.49
...								
2	132	363.00	-7053.45	-6992.31	-1434.05	-7602.43	-749.68	-142.63
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.241e+04	-1.576e+04	-3915.94	-1.376e+04	-1567.80	-398.60
			-3762.56	77.05	864.94	3.525e+04	2590.69	430.25

Macro	Tipo	Angolo 1-Z (gradi)
3	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
3	1	0.0	-2.395e+05	-1014.85	-5887.18	-2.058e+05	5302.04	104.59
3	1	103.00	-2.389e+05	-1014.85	-5887.18	-2.044e+05	5300.02	116.15
3	1	206.00	-2.292e+05	-1098.30	-2253.89	-1.802e+05	1106.82	106.39
...								
3	132	363.00	-1.714e+05	-3315.67	-4192.97	-1.350e+05	-3626.70	74.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.237e+05	-4.384e+04	-6932.86	-3.198e+05	-6160.23	-53.43
			-7.914e+04	3.748e+04	-661.96	4.971e+04	5840.10	222.46

Macro	Tipo	Angolo 1-Z (gradi)
4	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
4	1	0.0	-4.852e+04	7646.56	-62.49	4.770e+04	-40.43	20.50
4	1	103.00	-4.801e+04	7646.56	-62.49	4.815e+04	-38.83	109.86
4	1	206.00	-4.159e+04	8792.08	-84.98	4.284e+04	-114.79	68.05
...								
4	132	363.00	-1.971e+04	7373.66	-104.11	1.690e+04	-236.13	-191.83
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

			-6.638e+04	-2444.56	-374.40	-3.255e+04	-521.86	-377.51
			-2640.94	1.630e+04	415.17	7.052e+04	161.13	144.56

Macro	Tipo	Angolo 1-Z (gradi)
5	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
5	1	0.0	-5449.96	-309.31	-217.89	46.24	33.86	7.15
5	1	103.00	-5388.49	-309.31	-217.89	46.24	33.52	3.68
5	1	206.00	-5625.47	-640.18	115.37	-43.98	-17.96	16.32
...								
5	132	363.00	-6793.95	-591.84	16.58	-212.85	-7.53	2.29
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.450e+04	-1174.79	-372.56	-401.91	-47.27	-30.70
			484.97	11.66	183.41	87.77	65.37	35.08

Macro	Tipo	Angolo 1-Z (gradi)
6	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
6	1	0.0	-3.121e+04	-2714.61	-2383.36	-2.447e+04	3473.24	-216.32
6	1	103.00	-3.199e+04	-2714.61	-2383.36	-2.664e+04	3477.50	57.67
6	1	206.00	-2.248e+04	-2662.56	-1697.85	-1.980e+04	1371.00	254.19
...								
6	132	363.00	-4144.74	-2117.70	-1606.17	1615.37	-1309.82	130.55
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.659e+04	-3.044e+04	-3294.81	-2.727e+04	-3166.88	-304.10
			-1760.99	2.641e+04	46.57	6665.74	4397.38	468.56

Macro	Tipo	Angolo 1-Z (gradi)
7	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
7	1	0.0	-1016.24	-141.59	106.96	58.74	-20.13	7.82
7	1	103.00	-1020.53	-141.59	106.96	58.74	-16.84	0.70
7	1	206.00	-672.14	589.73	-54.34	34.11	7.00	-0.22
...								
7	132	363.00	-247.67	45.79	8.04	-10.07	7.67	4.98
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1113.03	-630.62	-76.35	-26.03	-28.82	-21.50
			58.62	1234.22	155.54	64.67	26.24	31.45

Macro	Tipo	Angolo 1-Z (gradi)
8	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
8	1	0.0	-2764.22	457.65	-784.26	76.41	778.04	-7.39
8	1	103.00	-2376.02	457.65	-784.26	73.23	778.65	6.65

8	1	206.00	-1530.28	538.36	-231.07	78.25	255.16	12.13
...								
8	132	363.00	-1767.86	264.49	-72.33	62.02	-136.57	7.36
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5977.79	-5784.88	-907.83	-401.82	-350.98	-26.88
			927.17	6256.56	219.96	525.86	845.87	51.90

Macro	Tipo	Angolo 1-Z (gradi)
9	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
9	1	0.0	-1015.47	-57.19	-106.19	60.47	18.52	-7.69
9	1	103.00	-1017.05	-57.19	-106.19	60.47	15.30	0.53
9	1	206.00	-652.00	730.26	60.16	35.19	-5.06	0.27
...								
9	132	363.00	-179.34	77.91	47.82	-9.12	-0.46	-15.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1094.58	-606.32	-166.21	-23.16	-25.45	-41.01
			86.74	1277.95	158.16	63.37	29.14	11.57

Macro	Tipo	Angolo 1-Z (gradi)
10	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
10	1	0.0	-3.220e+04	6073.56	-2415.51	1.926e+04	3404.65	332.80
10	1	103.00	-3.297e+04	6073.56	-2415.51	2.095e+04	3408.11	37.63
10	1	206.00	-2.338e+04	6055.53	-1647.89	1.377e+04	1310.31	-177.45
...								
10	132	363.00	-4193.44	3033.60	-1522.79	-3290.55	-1242.89	-79.84
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.556e+04	-2.324e+04	-3223.85	-9421.12	-3028.53	-408.90
			-1382.87	2.931e+04	57.77	2.137e+04	4194.10	384.10

Macro	Tipo	Angolo 1-Z (gradi)
11	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
11	1	1350.75	-2340.71	-3272.20	74.35	-2808.36	23.01	-0.73
11	1	1421.39	-2933.50	-3295.02	53.31	-1643.37	21.35	-0.31
11	1	1421.42	-2933.50	-3295.02	53.31	-1643.37	21.35	-0.31
...								
11	132	1517.76	-1090.84	-1800.91	-1640.93	1565.87	-214.58	-1.33
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4298.53	-1.255e+04	-2664.86	-8962.14	-335.75	-4.20
			-240.19	1936.59	427.81	3280.70	340.67	4.72

Macro	Tipo	Angolo 1-Z (gradi)
12	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
12	1	0.0	-1.888e+05	4048.03	-576.89	2.536e+04	399.20	166.80
12	1	103.00	-1.890e+05	4048.03	-576.89	2.891e+04	399.63	190.86
12	1	206.00	-1.855e+05	4109.84	-281.29	4.293e+04	-40.90	175.72
...								
12	132	363.00	-1.460e+05	319.91	252.80	6.491e+04	-469.01	-196.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.460e+05	-2.404e+04	-1604.03	-6.421e+04	-879.63	-398.51
			-6.571e+04	2.444e+04	886.06	1.288e+05	1144.54	255.75

Macro	Tipo	Angolo 1-Z (gradi)
13	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
13	1	0.0	-6.412e+04	8128.71	464.73	3451.51	-258.95	-11.41
13	1	103.00	-6.353e+04	8128.71	464.73	5678.83	-258.76	-9.78
13	1	206.00	-5.211e+04	9377.58	3.67	1292.05	-17.99	-6.67
...								
13	132	363.00	-1.974e+04	1501.43	21.72	-1.047e+04	4.44	-37.80
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8.039e+04	-9579.48	-200.78	-2.470e+04	-262.15	-87.27
			-1.254e+04	2.086e+04	508.05	2.668e+04	78.87	58.00

Macro	Tipo	Angolo 1-Z (gradi)
14	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
14	1	0.0	-3627.66	376.33	-49.14	97.70	6.53	-5.61
14	1	103.00	-3561.66	376.33	-49.14	97.70	6.00	11.13
14	1	206.00	-2666.18	631.33	30.82	35.21	-2.80	-4.60
...								
14	132	363.00	-891.74	-71.36	31.61	-71.03	1.53	-27.85
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4319.77	-828.12	-131.92	-234.93	-14.72	-70.99
			2517.07	1113.63	144.70	152.99	17.78	18.77

Macro	Tipo	Angolo 1-Z (gradi)
15	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
15	1	0.0	-7.847e+04	-2927.72	-1366.64	-6714.32	575.34	32.88
15	1	103.00	-7.763e+04	-2927.72	-1366.64	-6634.63	574.11	19.74
15	1	206.00	-6.928e+04	-2796.32	208.88	-2.656e+04	-21.54	-124.30
...								
15	132	363.00	-3.829e+04	-4323.92	49.51	-1.118e+04	-218.51	22.33
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.008e+05	-2.836e+04	-2186.28	-1.001e+05	-477.67	-215.72
			-2.214e+04	2.016e+04	304.54	6.273e+04	939.44	99.02

Macro	Tipo	Angolo 1-Z (gradi)
16	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
16	1	0.0	-5208.98	283.22	-128.97	-440.00	33.68	-3.88
16	1	103.00	-5149.96	283.22	-128.97	-433.07	34.68	-0.45
16	1	206.00	-4731.24	129.95	-14.02	-637.12	-42.76	14.60
...								
16	132	363.00	-2992.68	1973.27	-209.09	-192.83	33.11	-4.97
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.353e+04	-333.94	-440.17	-2308.21	-44.99	-31.86
			6725.99	4139.84	319.69	1406.47	75.48	31.12

Macro	Tipo	Angolo 1-Z (gradi)
17	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
17	1	0.0	-9564.07	86.74	149.24	-1293.94	-54.33	-1.26
17	1	103.00	-9273.91	86.74	149.24	-1278.20	-51.00	-0.58
17	1	206.00	-8884.59	-30.89	-62.33	-1043.92	-5.77	17.07
...								
17	132	363.00	-7295.68	199.62	414.46	-916.39	212.84	6.69
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.061e+04	-4264.23	-189.69	-1.093e+04	-139.02	-52.68
			4196.07	5156.10	704.25	9096.00	368.87	74.54

Macro	Tipo	Angolo 1-Z (gradi)
18	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
18	1	0.0	-1.904e+04	-1159.58	177.37	-1151.31	-141.75	-35.25
18	1	103.00	-1.863e+04	-1159.58	177.37	-1120.31	-146.24	-35.12
18	1	206.00	-1.544e+04	-1316.73	335.55	-1514.20	113.64	-37.37
...								
18	132	363.00	-8396.82	-838.68	-2874.11	-2042.00	-1206.04	-127.40
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.368e+04	-3977.50	-5540.34	-1.137e+04	-2236.59	-255.67
			3853.10	3131.06	545.79	7288.83	198.18	150.57

Macro	Tipo	Angolo 1-Z (gradi)
19	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
19	1	0.0	-5701.34	2546.82	240.58	-1153.33	-53.98	24.30
19	1	103.00	-5715.86	2546.82	240.58	-1130.49	-58.01	9.84
19	1	206.00	-6143.72	2753.47	-149.14	-667.75	-14.83	13.42
...								
19	132	363.00	-2386.96	2720.82	82.89	536.01	-18.76	-10.92
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.692e+04	-3256.92	-176.58	-5420.94	-117.42	-48.94
			1.187e+04	7816.23	268.95	6492.96	31.72	40.67

Macro	Tipo	Angolo 1-Z (gradi)
20	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
20	1	0.0	-4066.96	425.04	-29.32	107.21	-2.03	0.03
20	1	103.00	-3994.86	425.04	-29.32	107.21	-2.18	-8.42
20	1	206.00	-3062.26	621.51	41.41	42.55	4.78	8.82
...								
20	132	363.00	-1450.13	-157.12	293.63	-59.31	38.48	67.98
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4254.27	-326.81	-133.24	-130.76	-20.58	-40.79
			917.57	946.94	607.10	145.72	80.28	132.55

Macro	Tipo	Angolo 1-Z (gradi)
21	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
21	1	0.0	-4.732e+04	-1.174e+04	620.65	-1.152e+04	-582.10	72.30
21	1	103.00	-4.657e+04	-1.174e+04	620.65	-1.068e+04	-581.54	335.29
21	1	206.00	-4.100e+04	-1.098e+04	713.74	-6278.31	103.89	311.34
...								
21	132	363.00	-2.275e+04	-8663.51	845.97	-1911.89	1442.12	-618.91
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6.464e+04	-2.187e+04	-17.07	-2.443e+04	-818.97	-1166.76
			-1.210e+04	2775.02	1727.60	4031.56	2609.50	542.62

Macro	Tipo	Angolo 1-Z (gradi)
22	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
22	1	0.0	-1.095e+05	-1101.17	955.42	8.423e+04	-654.04	-31.30
22	1	103.00	-1.086e+05	-1101.17	955.42	8.240e+04	-656.26	-19.89
22	1	206.00	-1.081e+05	-1805.29	18.40	8.472e+04	-154.86	-30.02
...								
22	132	363.00	-8.849e+04	-1785.91	7.27	7.013e+04	15.93	18.33
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.449e+05	-2.181e+04	-177.18	8056.88	-962.90	-99.82
			-3.969e+04	1.985e+04	1738.32	1.529e+05	98.99	105.25

Macro	Tipo	Angolo 1-Z (gradi)
23	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
23	1	0.0	-4.292e+04	870.58	-495.03	1.512e+04	637.75	-95.56
23	1	103.00	-4.174e+04	870.58	-495.03	1.506e+04	638.37	-92.63
23	1	206.00	-3.433e+04	1193.24	-283.95	1.206e+04	238.92	-58.28
...								
23	132	363.00	-1.511e+04	431.49	214.56	2815.93	177.78	22.24
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-4.914e+04	-8961.61	-789.82	-4.094e+04	-39.97	-177.25
		1746.77	9824.60	670.78	4.657e+04	741.00	210.36

Macro	Tipo	Angolo 1-Z (gradi)
24	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
24	1	0.0	-1.003e+05	-443.13	-991.47	-1.421e+05	1033.50	54.13
24	1	103.00	-9.933e+04	-443.13	-991.47	-1.404e+05	1031.41	-29.73
24	1	206.00	-8.311e+04	256.86	-313.26	-8.747e+04	361.06	-28.06
...								
24	132	363.00	-3.776e+04	-3884.70	81.46	-3.851e+04	188.32	42.94
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.134e+05	-3.390e+04	-1946.44	-1.923e+05	-73.33	-150.27
			-1.886e+04	2.640e+04	592.80	3.724e+04	1313.33	175.12

Macro	Tipo	Angolo 1-Z (gradi)
25	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
25	1	0.0	-1.688e+04	-3405.02	-715.40	3451.22	160.29	-159.39
25	1	103.00	-1.620e+04	-3405.02	-715.40	3528.11	161.84	45.79
25	1	206.00	-1.243e+04	-2702.45	291.06	1723.71	-58.26	-81.31
...								
25	132	363.00	-5480.73	-3354.79	74.36	-294.86	-59.21	18.44
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.142e+04	-6764.53	-1066.70	-5196.49	-114.02	-199.51
			734.84	853.19	424.70	5275.06	243.41	68.41

Macro	Tipo	Angolo 1-Z (gradi)
26	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
26	1	0.0	-6.106e+04	-2889.04	-37.01	1.530e+04	-251.75	-48.05
26	1	103.00	-6.144e+04	-2889.04	-37.01	1.491e+04	-259.31	19.80
26	1	206.00	-5.848e+04	-1984.13	224.54	2147.77	-160.38	15.89
...								
26	132	363.00	-4.197e+04	478.16	353.13	1.190e+04	287.55	17.49
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7.546e+04	-1.463e+04	-298.91	-1490.76	-316.67	-82.18
			-1.960e+04	1.399e+04	520.14	2.065e+04	453.18	85.76

Macro	Tipo	Angolo 1-Z (gradi)
27	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
27	1	0.0	-4.396e+04	-173.18	-138.29	5568.79	7.27	3.53
27	1	103.00	-4.370e+04	-173.18	-138.29	4176.76	3.25	-43.52

27	1	206.00	-3.954e+04	-1846.18	-44.82	-7699.31	-90.09	8.46
...								
27	132	363.00	-2.258e+04	-3633.85	256.34	-7687.54	20.88	-0.28
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.378e+04	-2.131e+04	-747.40	-2.029e+04	-227.67	-136.58
			-1.134e+04	1.427e+04	658.48	1.667e+04	225.06	136.03

Macro	Tipo	Angolo 1-Z (gradi)
28	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
28	1	0.0	-1.622e+04	2751.07	79.70	-2599.69	-5.59	-73.86
28	1	103.00	-1.638e+04	2751.07	79.70	-2520.19	-1.59	-63.98
28	1	206.00	-1.518e+04	667.47	4.05	-1363.13	41.03	-9.70
...								
28	132	363.00	-1.144e+04	-224.06	-63.21	-1482.16	-5.39	50.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.879e+04	-2102.52	-155.77	-3427.90	-63.35	-90.34
			-4940.11	3344.02	270.48	463.58	67.61	87.93

Macro	Tipo	Angolo 1-Z (gradi)
29	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
29	1	0.0	-5.202e+04	-2545.24	-188.99	2.640e+04	154.03	101.29
29	1	103.00	-5.170e+04	-2545.24	-188.99	2.620e+04	152.19	43.31
29	1	206.00	-4.975e+04	-2573.64	-33.42	2.342e+04	38.75	-23.41
...								
29	132	363.00	-3.529e+04	-3185.22	16.52	1.360e+04	3.14	-33.60
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6.305e+04	-1.355e+04	-347.06	-2339.98	-28.78	-78.43
			-1.499e+04	8422.05	105.56	3.229e+04	236.41	123.16

Macro	Tipo	Angolo 1-Z (gradi)
30	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
30	1	0.0	-1.412e+05	-3.101e+04	2493.74	3.941e+04	-3448.19	162.28
30	1	103.00	-1.416e+05	-3.101e+04	2493.74	4.381e+04	-3459.89	66.52
30	1	206.00	-1.289e+05	-3.175e+04	1359.71	3.501e+04	-1466.25	47.96
...								
30	132	363.00	-7.751e+04	-2.564e+04	-38.72	-7.59	-454.51	4.94
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.702e+05	-5.047e+04	-484.58	-6.518e+04	-3772.71	-292.80
			-2.944e+04	-562.86	2587.28	1.238e+05	-38.42	316.90

Macro	Tipo	Angolo 1-Z (gradi)
31	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
31	1	1350.75	-815.41	-618.43	-40.71	-422.01	-11.93	0.18
31	1	1421.25	-833.68	-628.55	-33.32	-389.16	-8.09	0.15
31	1	1421.26	-833.68	-628.55	-33.32	-389.16	-8.09	0.15
...								
31	132	1517.75	-282.11	-268.87	-4.96	-92.02	-8.17	0.51
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1265.41	-1944.16	-159.22	-1197.01	-61.46	-2.34
			185.16	839.04	144.95	725.93	54.33	3.08

Macro	Tipo	Angolo 1-Z (gradi)
32	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
32	1	363.00	-1.964e+04	1492.54	-149.15	5157.32	19.22	-90.96
32	1	388.00	-1.916e+04	1492.54	-149.15	4436.65	18.07	-82.79
32	2	363.00	-3.222e+04	2128.35	-336.89	1.014e+04	43.06	-137.61
...								
32	132	388.00	-1.456e+04	215.78	-84.61	212.18	10.12	-68.20
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.330e+04	-1.311e+04	-809.00	-4.323e+04	-92.82	-139.30
			1583.12	1.354e+04	740.09	4.468e+04	105.58	-18.68

Macro	Tipo	Angolo 1-Z (gradi)
33	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
33	1	684.25	-3014.07	-596.20	11.81	743.02	6.25	-0.19
33	1	733.88	-3014.06	-596.20	11.81	743.02	6.25	-0.17
33	1	791.88	-2743.54	-559.21	-10.52	650.91	6.13	-0.05
...								
33	132	1012.50	-974.62	-386.71	8.19	257.32	-3.32	-0.35
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.086e+04	-3542.69	-202.93	-2675.15	-93.78	-3.02
			7668.98	2755.80	196.60	3585.66	87.15	3.09

Macro	Tipo	Angolo 1-Z (gradi)
34	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
34	1	1350.75	-380.70	-202.27	-30.33	153.84	-12.38	0.02
34	1	1422.24	-316.64	-208.96	-10.07	-90.12	-6.35	-0.58
34	1	1422.27	-316.64	-208.96	-10.07	-90.12	-6.35	-0.58
...								
34	132	1517.75	-184.77	-109.56	-49.47	49.24	-14.52	-0.37
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-763.24	-1093.33	-212.06	-632.19	-39.85	-1.52
			226.35	937.43	144.17	467.66	47.97	1.39

Macro	Tipo	Angolo 1-Z (gradi)
35	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
35	1	1012.50	-1413.75	-522.51	12.48	287.75	-4.62	-0.26
35	1	1062.13	-1413.75	-522.51	12.48	287.75	-4.62	-0.26
35	1	1120.13	-1209.05	-497.45	5.20	232.96	-0.02	-0.15
...								
35	132	1340.75	-216.65	-401.18	-0.78	35.48	0.33	-0.19
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2596.32	-2167.86	-57.31	-47.68	-56.39	-2.15
			860.96	826.04	57.73	1155.68	58.04	1.77

Macro	Tipo	Angolo 1-Z (gradi)
36	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
36	1	684.25	-5010.14	120.50	69.25	194.34	-21.99	3.58
36	1	733.88	-5010.14	120.50	69.25	194.34	-21.99	1.63
36	1	791.88	-4851.58	354.16	6.53	40.49	-2.92	-1.55
...								
36	132	1012.50	-2875.32	-30.52	63.35	-242.01	45.41	3.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.288e+04	-3256.60	-251.18	-4036.01	-275.55	-14.94
			4251.65	3334.86	294.49	3598.52	293.48	12.01

Macro	Tipo	Angolo 1-Z (gradi)
37	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
37	1	363.00	-7109.73	-408.77	-49.87	-116.09	6.28	-13.17
37	1	388.00	-7282.29	-408.77	-49.87	-109.22	6.19	-1.34
37	2	363.00	-8833.96	-1170.12	-0.25	1075.28	0.14	-11.54
...								
37	132	388.00	-6609.41	-261.54	55.17	-83.65	-6.99	-1.25
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.882e+04	-2445.23	-278.44	-3990.34	-49.60	-65.50
			5832.90	1922.15	388.77	3811.42	36.00	63.00

Macro	Tipo	Angolo 1-Z (gradi)
38	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
38	1	363.00	-1.622e+04	-304.64	-133.85	2643.25	16.65	-7.68
38	1	363.00	-1.622e+04	-304.64	-133.85	2643.25	16.65	-7.68
38	1	388.00	-1.617e+04	-304.64	-133.84	2677.80	16.81	-6.85
...								
38	132	388.00	-1.385e+04	-166.54	-1.89	1659.80	0.23	-1.59
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.951e+04	-4034.89	-572.99	-1.270e+04	-72.05	-20.67
			1803.66	3701.81	569.21	1.597e+04	72.53	17.50

Macro	Tipo	Angolo 1-Z (gradi)
39	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
39	1	1012.50	-2061.19	0.75	87.03	-18.93	-34.80	3.17
39	1	1062.13	-2061.19	0.75	87.03	-18.93	-34.80	0.99
39	1	1120.13	-1824.20	47.28	10.40	-84.48	-10.19	-2.51
...								
39	132	1340.75	-419.48	6.11	19.05	71.00	-8.08	2.28
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5352.17	-710.35	-97.25	-1001.44	-107.00	-9.71
			649.30	649.58	168.95	930.25	44.75	10.57

Macro	Tipo	Angolo 1-Z (gradi)
40	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
40	1	684.25	-1128.22	308.33	-151.01	-102.20	262.89	29.68
40	1	733.88	-1651.43	304.15	-291.00	-44.32	463.54	1.45
40	1	791.88	-1623.89	604.57	-355.05	-55.90	288.37	-1.96
...								
40	132	1012.50	-2381.36	126.33	-295.33	-653.68	-362.75	-8.92
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.066e+04	-2940.74	-781.86	-4278.06	-878.71	-20.33
			6649.45	3401.18	0.68	3544.43	988.86	61.28

Macro	Tipo	Angolo 1-Z (gradi)
41	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
41	1	363.00	-1.331e+04	-178.41	-106.00	443.06	13.34	-3.04
41	1	388.00	-1.338e+04	-178.41	-106.00	439.84	13.16	-2.15
41	2	363.00	-2.019e+04	-668.86	-106.00	1748.26	13.38	-2.22
...								
41	132	388.00	-1.082e+04	-108.85	-6.65e-06	264.60	-0.05	-1.25
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.037e+04	-1555.62	-176.67	-3470.41	-4.50	-10.78
			-3387.33	1337.92	35.33	4002.07	22.22	7.22

Macro	Tipo	Angolo 1-Z (gradi)
42	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
42	1	363.00	-1.352e+04	-159.04	-106.00	461.31	13.35	-0.78
42	1	363.00	-1.352e+04	-159.04	-106.00	461.31	13.35	-0.78
42	1	388.00	-1.358e+04	-159.04	-106.00	456.18	13.15	-0.55
...								
42	132	388.00	-1.095e+04	-94.45	-2.78e-05	277.70	-0.05	-0.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

			-2.082e+04	-1538.08	-176.67	-3457.31	-4.49	-7.71
			-3469.18	1349.18	35.33	4019.49	22.23	7.69

Macro	Tipo	Angolo 1-Z (gradi)
43	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
43	1	1012.50	233.15	251.49	-316.46	146.05	417.54	-9.40
43	1	1062.13	233.15	251.49	-316.46	146.05	417.54	1.69
43	1	1120.13	385.15	340.97	-305.73	217.08	250.36	0.01
...								
43	132	1340.75	-357.63	219.75	40.56	-79.07	-17.20	1.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2347.22	-557.23	-682.16	-1041.63	-75.79	-17.00
			3231.57	849.41	178.73	1312.23	891.84	9.21

Macro	Tipo	Angolo 1-Z (gradi)
44	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
44	1	363.00	-1.287e+04	-136.42	-111.23	1948.65	14.16	-7.34
44	1	388.00	-1.301e+04	-136.42	-111.23	1933.52	13.65	-8.75
44	2	363.00	-1.927e+04	-994.49	-111.24	6012.26	14.09	-15.26
...								
44	132	388.00	-1.092e+04	-53.34	-51.78	1237.22	6.24	-1.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.043e+04	-2927.20	-437.35	-9005.90	-42.14	-23.60
			-3573.14	2820.52	333.79	1.150e+04	55.55	21.23

Macro	Tipo	Angolo 1-Z (gradi)
45	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
45	1	684.25	-306.85	14.81	4.96	47.77	1.28	0.68
45	1	733.88	-306.84	14.82	4.96	47.77	1.28	0.53
45	1	791.88	-447.55	-123.58	-3.32	43.65	1.54	-0.30
...								
45	132	1012.50	-897.37	7.05	1.28	-23.75	-0.73	0.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3901.89	-672.78	-42.79	-191.77	-18.62	-4.95
			2840.96	529.04	43.68	246.10	18.42	5.18

Macro	Tipo	Angolo 1-Z (gradi)
46	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
46	1	684.25	-706.92	27.13	5.76	25.13	1.63	-0.61
46	1	733.88	-706.91	27.13	5.76	25.13	1.63	-0.53

46	1	791.88	-659.52	-32.67	-4.58	25.62	1.73	0.42
...								
46	132	1012.50	-286.98	21.35	2.25	-10.63	-0.91	-0.30
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3055.56	-414.52	-34.55	-92.62	-13.70	-4.12
			1551.03	303.27	37.95	124.36	13.94	3.78

Macro	Tipo	Angolo 1-Z (gradi)
47	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
47	1	363.00	-1.006e+04	-623.28	-58.76	791.90	8.01	18.39
47	1	388.00	-1.022e+04	-623.28	-58.76	795.80	6.69	18.65
47	2	363.00	-1.630e+04	-1610.08	-21.24	3654.29	3.14	16.78
...								
47	132	388.00	-8871.51	-450.13	-17.93	438.23	1.78	15.82
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.832e+04	-2943.56	-104.59	-7847.46	-10.22	-5.25
			-733.07	2043.30	68.73	8712.23	15.63	35.09

Macro	Tipo	Angolo 1-Z (gradi)
48	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
48	1	1012.50	-274.70	18.98	3.49	13.26	0.33	-0.56
48	1	1062.13	-274.69	18.98	3.49	13.26	0.33	-0.35
48	1	1120.13	-283.76	24.45	-1.78	20.97	0.68	0.18
...								
48	132	1340.75	152.08	14.27	-0.10	-11.94	0.02	0.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-781.66	-333.66	-6.86	-67.73	-3.89	-2.76
			1205.07	180.58	8.71	73.86	5.31	2.15

Macro	Tipo	Angolo 1-Z (gradi)
49	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
49	1	1012.50	24.15	17.30	1.44	49.42	-0.52	0.41
49	1	1062.13	24.16	17.30	1.44	49.42	-0.52	0.19
49	1	1120.13	-106.54	-141.03	-0.07	39.38	-0.19	-0.07
...								
49	132	1340.75	-476.01	12.97	0.21	-29.70	-0.07	7.68e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1876.69	-442.59	-7.92	-148.83	-7.99	-3.51
			781.97	146.96	9.24	166.97	8.25	3.68

Macro	Tipo	Angolo 1-Z (gradi)
50	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
50	1	1350.75	-429.03	-796.73	7.03	-293.65	1.89	-0.36
50	1	1414.69	-621.87	-819.22	3.28	-339.60	1.20	-0.25
50	1	1414.76	-236.45	-792.46	7.79	-1518.54	0.81	-0.22
...								
50	132	1462.58	76.96	174.02	-0.37	-3.93	-3.34e-04	-0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3353.26	-3529.65	-136.23	-4205.94	-96.18	-1.92
			1893.65	1272.20	152.68	1952.21	109.54	1.87

Macro	Tipo	Angolo 1-Z (gradi)
51	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
51	1	363.00	-1.361e+04	-187.46	-106.00	445.25	13.30	1.25
51	1	388.00	-1.367e+04	-187.46	-106.00	441.66	13.20	0.87
51	2	363.00	-2.060e+04	-657.07	-106.00	1688.12	13.32	-1.33
...								
51	132	388.00	-1.103e+04	-116.46	0.0	266.17	-0.02	0.58
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.070e+04	-1541.04	-176.67	-3440.86	-4.43	-6.88
			-3455.76	1308.12	35.33	3977.62	22.17	8.52

Macro	Tipo	Angolo 1-Z (gradi)
52	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
52	1	1340.75	-3688.94	1467.92	-596.31	721.86	38.37	0.23
52	1	1350.75	-3635.47	-5609.55	-793.35	3947.47	49.57	1.35
52	2	1340.75	-2572.88	6234.25	-731.26	2310.95	45.74	-1.98
...								
52	132	1350.75	-2723.56	-3631.53	-17.90	3169.43	11.10	1.92
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4453.40	-2.121e+04	-1419.73	-7633.88	-6.32	-21.33
			-1775.31	1.171e+04	732.90	1.397e+04	79.10	25.55

Macro	Tipo	Angolo 1-Z (gradi)
53	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
53	1	363.00	-1.375e+04	-152.18	-106.00	470.31	13.33	1.58
53	1	363.00	-1.375e+04	-152.18	-106.00	470.31	13.33	1.58
53	1	388.00	-1.382e+04	-152.18	-106.00	465.70	13.17	1.08
...								
53	132	388.00	-1.113e+04	-89.92	-3.25e-05	286.92	-0.04	0.72
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.122e+04	-1507.73	-176.67	-3388.46	-4.49	-7.68
			-3441.47	1327.89	35.33	3967.73	22.21	9.79

Macro	Tipo	Angolo 1-Z (gradi)
54	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
54	1	1340.75	-807.14	-85.32	16.31	-237.61	-0.82	0.83
54	1	1350.75	-807.14	-85.32	16.31	-237.61	-0.82	-0.82
54	2	1340.75	-788.78	-631.16	-14.64	-939.77	0.73	-2.88
...								
54	132	1350.75	-615.77	-59.86	13.08	-209.93	-0.65	-0.53
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-836.02	-1267.87	-42.01	-1545.47	-3.53	-3.26
			-408.89	1148.15	68.16	1125.60	2.22	4.42

Macro	Tipo	Angolo 1-Z (gradi)
55	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
55	1	363.00	-1.701e+04	-540.52	-105.16	1131.30	13.16	14.17
55	1	388.00	-1.697e+04	-540.52	-105.16	1036.31	13.13	18.37
55	2	363.00	-2.570e+04	-1694.08	128.31	6026.93	-16.31	5.82
...								
55	132	388.00	-1.432e+04	-343.54	15.33	617.93	-1.87	8.93
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.799e+04	-4067.75	-487.69	-1.401e+04	-67.73	-18.95
			-2239.74	3380.66	518.35	1.538e+04	63.80	36.81

Macro	Tipo	Angolo 1-Z (gradi)
56	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
56	1	1340.75	-1891.06	-201.92	-40.43	465.02	2.02	0.97
56	1	1350.75	-1891.06	-201.92	-40.43	465.02	2.02	0.74
56	2	1340.75	-2602.18	-465.49	-53.71	848.42	2.69	0.03
...								
56	132	1350.75	-1482.94	-170.92	-31.36	372.20	1.57	0.72
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2680.16	-1684.03	-191.94	-13.93	-28.38	-9.98
			-879.73	1342.19	567.65	947.92	9.22	11.62

Macro	Tipo	Angolo 1-Z (gradi)
57	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
57	1	1330.75	-2286.77	200.23	9.74	-661.27	0.49	3.16
57	1	1340.75	-2286.77	200.23	9.74	-661.27	0.49	2.29
57	2	1330.75	-2527.98	396.21	9.07	-532.63	0.45	0.96
...								
57	132	1340.75	-1638.59	-65.90	7.40	-254.93	0.37	2.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3499.97	-2915.25	-26.11	-3919.56	-1.37	-1.77
			222.80	2783.45	40.90	3409.70	2.11	5.07

Macro	Tipo	Angolo 1-Z (gradi)
58	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
58	1	1330.75	-2185.86	-895.78	18.09	-663.13	0.90	-7.76
58	1	1340.75	-2185.86	-895.78	18.09	-663.13	0.90	-7.03
58	2	1330.75	-3365.45	-1930.00	21.32	-1432.83	1.07	-6.32
...								
58	132	1340.75	-1616.27	-694.20	-2.95	-485.98	-0.15	-3.49
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3444.49	-1993.97	-184.14	-1513.27	-9.21	-10.36
			-453.86	-102.29	40.07	444.43	2.03	34.00

Macro	Tipo	Angolo 1-Z (gradi)
59	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
59	1	363.00	-7017.85	29.80	-55.62	631.33	7.10	4.31
59	1	388.00	-7084.64	29.80	-55.62	624.61	6.81	-3.44
59	2	363.00	-1.220e+04	-227.31	3.18	1619.02	0.11	-11.02
...								
59	132	388.00	-6013.97	35.24	29.47	388.03	-3.83	-1.38
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.588e+04	-1195.01	-304.99	-2142.48	-47.88	-62.57
			3947.31	1265.50	363.93	2929.02	40.22	59.80

Macro	Tipo	Angolo 1-Z (gradi)
60	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
60	1	1330.75	-1287.86	-107.37	8.83	-580.45	0.44	-5.05
60	1	1340.75	-1287.86	-107.37	8.83	-580.45	0.44	-4.09
60	2	1330.75	-1761.69	-304.72	7.96	-890.02	0.40	-6.81
...								
60	132	1340.75	-876.49	-137.66	7.32	-317.72	0.37	-3.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2651.76	-989.77	-249.84	-2249.13	-12.49	-28.70
			898.78	714.45	70.18	1613.69	3.47	6.75

Macro	Tipo	Angolo 1-Z (gradi)
61	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
61	1	1330.75	-1130.02	108.57	35.53	95.12	1.78	-9.12
61	1	1340.75	-1130.02	108.57	35.53	95.12	1.78	-10.50
61	2	1330.75	-683.45	-409.73	37.77	-528.39	1.89	-11.10
...								
61	132	1340.75	-885.08	134.79	5.36	79.11	0.27	-10.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

			-1645.18	-551.16	-229.71	-939.18	-11.49	-53.92
			-124.97	820.73	90.50	1097.40	4.24	2.84

Macro	Tipo	Angolo 1-Z (gradi)
62	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
62	1	1350.75	-2017.58	-285.39	-1.41	-174.31	-0.29	-0.33
62	1	1400.75	-1887.69	-258.51	-1.40	125.78	-0.18	-0.36
62	1	1416.36	-1734.27	-553.00	-0.56	-138.25	-0.14	-0.26
...								
62	132	1507.75	-26.96	-11.21	7.39	0.0	-1.53	0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2544.40	-2104.86	-103.17	-3091.42	-20.85	-1.71
			630.54	854.78	104.63	3143.74	18.58	1.30

Macro	Tipo	Angolo 1-Z (gradi)
63	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
63	1	363.00	-7908.96	-121.47	-63.71	345.50	8.06	-13.97
63	1	388.00	-8836.90	-121.47	-63.71	348.34	7.87	-11.31
63	2	363.00	-1.024e+04	-230.08	-109.58	549.04	13.90	-19.80
...								
63	132	388.00	-6539.57	-123.39	-38.67	-201.61	4.79	-8.20
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.153e+04	-508.83	-227.95	-6858.45	-18.59	-28.90
			-2005.11	262.04	150.61	6455.23	28.35	1.91

Macro	Tipo	Angolo 1-Z (gradi)
64	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
64	1	1330.75	-1586.15	-265.58	38.83	-521.25	1.94	11.45
64	1	1340.75	-1586.15	-265.58	38.83	-521.25	1.94	12.43
64	2	1330.75	-1799.08	-917.69	38.83	-1821.94	1.94	15.93
...								
64	132	1340.75	-1188.18	-190.96	1.43e-04	-377.24	5.41e-06	10.95
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1799.08	-973.72	-323.57	-2045.28	-16.18	-0.61
			-638.00	288.89	100.31	1290.81	5.32	39.92

Macro	Tipo	Angolo 1-Z (gradi)
65	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
65	1	363.00	-1.453e+04	1376.06	-61.67	-1393.82	7.57	-19.01
65	1	363.00	-1.453e+04	1376.06	-61.67	-1393.82	7.57	-19.01

65	1	388.00	-1.417e+04	1376.06	-61.67	-1236.39	7.85	-21.51
...								
65	132	388.00	-1.054e+04	323.76	-44.79	-3351.04	5.70	-16.23
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.951e+04	-9143.20	-297.72	-3.598e+04	-19.39	-48.77
			-1913.80	9790.72	208.15	2.910e+04	30.48	16.30

Macro	Tipo	Angolo 1-Z (gradi)
66	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
66	1	1330.75	-3026.38	-586.12	37.22	-490.64	1.86	1.93
66	1	1340.75	-3026.38	-586.12	37.22	-490.64	1.86	2.89
66	2	1330.75	-4491.05	-2354.33	67.94	-1956.09	3.40	2.78
...								
66	132	1340.75	-2343.29	-380.46	14.58	-354.12	0.73	2.35
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4674.35	-2521.44	-159.65	-2508.78	-7.98	-0.11
			-1137.01	1135.07	67.94	1800.54	3.40	4.74

Macro	Tipo	Angolo 1-Z (gradi)
67	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
67	1	1330.75	-959.20	17.21	20.15	-93.59	1.01	-18.78
67	1	1340.75	-959.20	17.21	20.15	-93.59	1.01	-23.98
67	2	1330.75	-706.34	-314.24	34.79	-477.26	1.74	-34.36
...								
67	132	1340.75	-776.05	33.67	4.84	-66.37	0.24	-18.97
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1466.59	-317.75	-111.21	-532.72	-5.56	-54.95
			-85.51	314.26	70.54	399.98	2.94	-1.81

Macro	Tipo	Angolo 1-Z (gradi)
68	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
68	1	1330.75	-1919.95	-330.42	43.43	-625.94	2.17	25.98
68	1	1340.75	-1919.95	-330.42	43.43	-625.94	2.17	26.52
68	2	1330.75	-2116.44	-1114.78	43.43	-2148.68	2.17	44.49
...								
68	132	1340.75	-1442.74	-233.24	2.60e-04	-443.33	1.31e-05	20.39
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2241.80	-1178.05	-361.92	-2317.70	-18.10	1.16
			-643.69	313.69	108.41	1332.12	4.35	53.50

Macro	Tipo	Angolo 1-Z (gradi)
69	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
69	1	363.00	-210.32	31.20	-2.80	0.0	1.29	-0.62
69	1	388.00	-2239.68	-840.64	-52.71	9.48	5.27	-1.97
69	2	363.00	-264.51	25.12	-1.70	0.0	1.77	-1.15
...								
69	132	388.00	-1608.43	-422.10	-36.54	-10.36	3.68	-0.98
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3302.42	-2677.44	-145.95	-142.00	-5.47	-12.29
			272.58	1833.24	72.87	121.29	12.83	10.34

Macro	Tipo	Angolo 1-Z (gradi)
70	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
70	1	1330.75	-1791.97	-696.04	45.65	-795.17	2.28	13.80
70	1	1340.75	-1791.97	-696.04	45.65	-795.17	2.28	13.84
70	2	1330.75	-2834.04	-1636.74	42.93	-1728.34	2.15	18.64
...								
70	132	1340.75	-1377.84	-553.64	11.45	-578.80	0.57	12.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2943.74	-1770.70	-253.95	-1819.31	-12.70	2.07
			-486.48	242.69	95.64	573.69	5.10	45.67

Macro	Tipo	Angolo 1-Z (gradi)
71	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
71	1	1350.75	-1030.90	-193.32	-1.08	0.0	-0.52	-0.39
71	1	1420.86	-82.68	-139.98	-0.08	-7.50e-04	-0.50	-0.38
71	1	1421.97	-314.49	-116.29	-3.86	-16.59	-2.47	-0.04
...								
71	132	1509.41	-63.48	-71.58	11.56	-5.87e-05	-0.57	0.47
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1292.56	-304.00	-45.23	-25.40	-7.05	-0.91
			89.82	-5.72	78.19	0.0	3.17	1.34

Macro	Tipo	Angolo 1-Z (gradi)
72	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
72	1	363.00	-4.721e+04	-2287.21	-360.29	-3.103e+04	44.18	7.75
72	1	388.00	-4.839e+04	-2287.21	-360.29	-2.847e+04	45.89	-26.47
72	2	363.00	-6.025e+04	-7285.85	-608.95	-1.964e+04	74.84	4.37
...								
72	132	388.00	-3.681e+04	-1634.78	-175.03	-2.471e+04	22.51	-16.92
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6.187e+04	-1.411e+04	-1229.07	-8.827e+04	-110.28	-107.81
			-1.341e+04	1.084e+04	879.00	3.746e+04	154.87	73.98

Macro	Tipo	Angolo 1-Z (gradi)
73	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
73	1	1330.75	-692.19	19.55	1.04	0.50	0.05	0.25
73	1	1340.75	-692.19	19.55	1.04	0.50	0.05	0.12
73	2	1330.75	-1265.63	-51.38	11.46	32.98	0.57	2.28
...								
73	132	1340.75	-562.07	22.14	0.66	7.44	0.03	-0.19
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1613.41	-122.31	-17.36	-105.87	-1.15	-2.98
			489.27	166.59	18.69	120.76	1.22	3.00

Macro	Tipo	Angolo 1-Z (gradi)
74	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
74	1	1350.75	-1102.57	-174.00	-17.42	88.56	-8.40	0.13
74	1	1400.75	-1185.07	-151.67	-17.93	-59.85	-8.42	0.20
74	1	1407.35	-969.96	-205.05	-18.00	166.68	-8.56	0.26
...								
74	132	1468.40	-243.73	-77.63	0.52	18.31	0.35	0.20
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1566.49	-1144.11	-52.24	-1532.10	-27.65	-1.39
			210.46	813.50	19.81	1496.85	12.14	1.56

Macro	Tipo	Angolo 1-Z (gradi)
75	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
75	1	1022.50	-1883.81	172.69	-18.63	-299.81	-6.77	-2.10
75	1	1100.31	-2080.93	165.02	-17.71	-397.62	-6.35	-1.81
75	1	1178.13	-1872.97	167.51	-5.90	-288.17	-15.41	-0.44
...								
75	132	1330.75	-787.65	88.49	-0.03	-43.64	5.24e-03	-6.74e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2306.42	-418.33	-128.79	-807.32	-30.35	-11.32
			534.62	718.96	156.13	468.21	128.92	17.08

Macro	Tipo	Angolo 1-Z (gradi)
76	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
76	1	1330.75	-457.84	-76.25	11.34	7.27	0.57	-0.69
76	1	1340.75	-457.84	-76.25	11.34	7.27	0.57	1.70
76	2	1330.75	127.38	-212.32	-53.23	41.42	-2.66	6.17
...								
76	132	1340.75	-318.61	-47.72	8.14	11.91	0.41	1.73
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1514.04	-217.90	-62.33	-95.12	-3.12	-13.55
			876.81	113.97	73.46	118.94	3.67	13.11

Macro	Tipo	Angolo 1-Z (gradi)
77	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
77	1	1330.75	-2052.02	49.70	-36.04	-1413.45	-1.80	1.48
77	1	1340.75	-2052.02	49.70	-36.04	-1413.45	-1.80	1.98
77	2	1330.75	-1912.08	-449.51	-55.09	-1505.37	-2.75	3.28
...								
77	132	1340.75	-1482.14	-218.54	-30.52	-776.54	-1.53	1.60
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3724.07	-4702.39	-132.19	-6230.90	-6.71	-24.12
			759.79	4265.31	400.88	4677.82	20.04	9.41

Macro	Tipo	Angolo 1-Z (gradi)
78	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
78	1	1330.75	-4113.10	569.94	-4.34	686.39	-0.22	4.26
78	1	1340.75	-4113.10	569.94	-4.34	686.39	-0.22	3.95
78	2	1330.75	-4044.08	-1084.71	-9.81	-888.95	-0.49	6.94
...								
78	132	1340.75	-3212.40	511.76	-2.22	603.34	-0.11	3.95
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4367.30	-1364.86	-165.08	-1870.80	-7.62	-9.00
			-2147.34	2314.42	160.64	3077.49	7.40	17.12

Macro	Tipo	Angolo 1-Z (gradi)
79	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
79	1	1350.75	-2277.11	5.20	10.82	-107.08	1.93	-0.09
79	1	1419.52	-758.62	18.49	3.95	1.43	3.11	0.15
79	1	1419.73	-803.71	11.15	2.83	-33.24	3.02	0.15
...								
79	132	1500.45	-227.28	-190.09	-14.54	0.0	1.28	0.10
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3059.47	-490.16	-40.95	-227.34	-5.14	-0.40
			-86.18	293.99	54.00	35.31	8.73	0.59

Macro	Tipo	Angolo 1-Z (gradi)
80	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
80	1	1350.75	-1008.00	-71.40	-6.67	463.61	-0.63	-0.45
80	1	1400.75	-1103.08	-8.70	-7.66	245.83	0.06	-0.17
80	1	1407.91	-1057.10	-103.73	-1.48	148.88	0.70	-0.03
...								
80	132	1465.49	-202.78	-84.63	4.72	11.09	2.94	0.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

-1330.59	-1050.93	-36.06	-624.73	-12.07	-1.66
-26.67	904.53	20.26	905.96	9.93	0.98

Macro	Tipo	Angolo 1-Z (gradi)
81	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
81	1	363.00	-7.255e+04	-1686.57	-33.72	3.469e+04	2.21	-81.27
81	1	363.00	-7.255e+04	-1686.57	-33.72	3.469e+04	2.21	-81.27
81	1	388.00	-7.260e+04	-1686.57	-33.72	3.535e+04	6.22	-109.83
...								
81	132	388.00	-5.677e+04	-1012.93	-24.40	2.414e+04	4.71	-89.95
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9.858e+04	-1.715e+04	-191.98	-6.888e+04	-20.74	-177.25
			-2.225e+04	1.513e+04	143.17	1.163e+05	27.15	-25.52

Macro	Tipo	Angolo 1-Z (gradi)
82	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
82	1	1330.75	-2095.65	-839.22	-0.66	-522.92	-0.03	-1.87
82	1	1340.75	-2095.65	-839.22	-0.66	-522.92	-0.03	-2.37
82	2	1330.75	-3387.38	-1491.25	2.92	-1018.27	0.15	-1.51
...								
82	132	1340.75	-1562.44	-621.28	-0.45	-382.72	-0.02	-2.64
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3478.54	-1509.86	-31.75	-1059.91	-1.61	-14.00
			-230.83	-127.73	30.85	168.01	1.57	8.72

Macro	Tipo	Angolo 1-Z (gradi)
83	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
83	1	1330.75	-1716.83	-124.39	-10.64	35.36	-0.53	-2.33
83	1	1340.75	-1716.83	-124.39	-10.64	35.36	-0.53	-2.48
83	2	1330.75	-1853.44	-342.78	-25.54	403.42	-1.28	-8.07
...								
83	132	1340.75	-1337.08	-164.81	-7.37	267.55	-0.37	-1.37
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2612.30	-1373.16	-34.66	-4230.43	-1.73	-25.01
			-61.86	1043.55	88.77	4765.54	4.44	22.27

Macro	Tipo	Angolo 1-Z (gradi)
84	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
84	1	363.00	-3.613e+04	-608.15	2.23	1.184e+04	-2.82	-9.21
84	1	388.00	-3.584e+04	-758.20	14.69	1.423e+04	1.07	-4.85

84	2	363.00	-4.940e+04	417.87	-160.11	1.665e+04	16.06	17.57
...								
84	132	388.00	-2.856e+04	-1460.02	26.51	3414.08	-1.05	3.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.085e+04	-1.362e+04	-610.04	-8.689e+04	-85.47	-43.90
			-1.455e+04	1.086e+04	656.20	9.372e+04	81.14	49.97

Macro	Tipo	Angolo 1-Z (gradi)
85	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
85	1	1330.75	-2720.96	-922.09	53.06	281.07	2.65	0.20
85	1	1340.75	-2720.96	-922.09	53.06	281.07	2.65	0.30
85	2	1330.75	-2736.07	-3273.62	67.42	270.94	3.38	-2.14
...								
85	132	1340.75	-2092.53	-555.02	8.09	198.84	0.45	0.32
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2826.43	-3324.66	-348.15	-471.81	-16.92	-4.55
			-1426.66	1861.72	104.27	869.48	5.31	5.11

Macro	Tipo	Angolo 1-Z (gradi)
86	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
86	1	1350.75	-1372.25	-104.44	-3.83	-22.56	-4.55	0.12
86	1	1400.75	-1180.22	-82.43	-3.04	278.07	-5.56	0.17
86	1	1415.54	-1123.03	-317.05	-10.72	-15.85	-6.16	4.66e-03
...								
86	132	1474.69	-186.80	-128.06	0.89	1.46	0.56	0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1705.41	-568.58	-39.43	-1008.33	-22.38	-1.10
			266.59	460.87	17.83	1106.48	11.68	1.22

Macro	Tipo	Angolo 1-Z (gradi)
87	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
87	1	1330.75	-1170.73	671.74	-2.70	-144.58	-0.14	-1.61
87	1	1340.75	-1170.73	671.74	-2.70	-144.58	-0.14	-1.56
87	2	1330.75	-1542.84	1022.63	-3.49	-155.50	-0.17	5.32
...								
87	132	1340.75	-1038.46	450.73	-2.10	-45.28	-0.10	-1.71
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2985.00	-408.54	-40.38	-959.37	-2.04	-6.94
			908.08	1309.99	36.18	868.82	1.83	7.08

Macro	Tipo	Angolo 1-Z (gradi)
88	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
88	1	1350.75	-352.36	-68.05	-2.28	0.0	-1.01	-0.34
88	1	1420.95	-128.89	-49.35	-1.75	4.86e-03	-1.11	-0.35
88	1	1421.39	-103.69	-110.29	-4.74	3.77	-3.17	-0.25
...								
88	132	1509.95	37.05	-32.59	-1.65	8.03	-3.77	1.11
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-528.01	-181.70	-11.18	-10.58	-9.32	-0.70
			302.20	67.47	3.49	26.65	0.93	2.67

Macro	Tipo	Angolo 1-Z (gradi)
89	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
89	1	1330.75	-1687.94	167.01	19.34	-125.56	0.97	6.41
89	1	1340.75	-1687.94	167.01	19.34	-125.56	0.97	5.78
89	2	1330.75	-877.71	-190.93	19.59	-816.84	0.98	6.49
...								
89	132	1340.75	-1290.82	152.51	-0.70	-73.70	-0.03	2.34
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2597.87	-318.77	-174.76	-910.22	-8.74	-33.69
			16.22	502.10	32.64	762.81	1.63	9.22

Macro	Tipo	Angolo 1-Z (gradi)
90	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
90	1	1340.75	-326.39	-1007.08	-37.43	-13.04	1.87	-1.09
90	1	1350.75	-326.39	-1007.08	-37.43	-13.04	1.87	-1.19
90	2	1340.75	163.68	-2820.18	-40.91	1084.54	2.05	0.37
...								
90	132	1350.75	-192.59	-754.12	3.65	-44.33	-0.18	-1.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-739.85	-2891.71	-70.01	-1319.85	-17.92	-4.73
			273.96	-71.32	358.42	1231.18	3.51	2.50

Macro	Tipo	Angolo 1-Z (gradi)
91	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
91	1	1330.75	-6158.74	139.05	-78.44	-1018.25	-3.92	2.83
91	1	1340.75	-6158.74	139.05	-78.44	-1018.25	-3.92	-7.03
91	2	1330.75	-7968.52	354.56	-158.51	406.20	-7.93	0.99
...								
91	132	1340.75	-4687.57	-567.21	-59.52	-430.34	-2.98	-5.65
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7968.52	-8194.89	-174.02	-6498.83	-8.95	-20.88
			-2425.79	7060.48	54.99	5638.14	3.00	25.03

Macro	Tipo	Angolo 1-Z (gradi)
92	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
92	1	1350.75	-1519.74	-314.09	-103.75	714.10	-31.53	-0.01
92	1	1400.75	-1246.44	-289.46	-104.92	579.62	-28.57	-0.25
92	1	1417.46	-1195.84	-556.40	-82.97	11.55	-26.43	0.58
...								
92	132	1501.04	-66.93	-73.16	-0.09	-10.17	-3.00	0.44
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2255.70	-1684.34	-228.75	-669.42	-100.44	-1.31
			83.06	1095.71	147.65	1245.28	54.71	4.32

Macro	Tipo	Angolo 1-Z (gradi)
93	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
93	1	1330.75	-652.24	455.02	13.41	-137.48	0.67	4.24
93	1	1340.75	-652.24	455.02	13.41	-137.48	0.67	3.65
93	2	1330.75	-708.48	601.49	13.79	-280.43	0.69	6.53
...								
93	132	1340.75	-542.88	365.69	9.47	4.35	0.47	2.79
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1185.63	76.20	-78.86	-1596.06	-3.94	-4.51
			99.88	692.81	67.75	1604.77	4.24	18.35

Macro	Tipo	Angolo 1-Z (gradi)
94	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
94	1	1330.75	-1.061e+04	-1933.05	2.18	2136.40	0.11	3.25
94	1	1340.75	-1.061e+04	-1933.05	2.18	2136.40	0.11	4.01
94	2	1330.75	-1.229e+04	-7718.23	27.35	1092.00	1.36	3.67
...								
94	132	1340.75	-8183.83	-1181.04	3.29	1761.55	0.12	3.46
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.234e+04	-8029.06	-226.46	-1315.89	-10.47	-7.34
			-5034.90	5354.87	233.05	4838.98	10.71	12.68

Macro	Tipo	Angolo 1-Z (gradi)
95	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
95	1	363.00	-6019.62	280.33	215.95	681.67	-27.32	182.13
95	1	388.00	-6651.49	280.33	215.95	661.86	-26.66	162.44
95	2	363.00	-8206.44	285.50	346.71	394.59	-43.80	276.81
...								
95	132	388.00	-4912.44	117.30	186.32	176.72	-23.05	137.10
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.048e+04	-792.76	90.51	-3934.43	-44.69	74.08
			653.56	1027.36	354.48	4287.88	-11.10	278.47

Macro	Tipo	Angolo 1-Z (gradi)
96	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
96	1	363.00	-1.399e+04	-882.20	44.00	2231.33	-8.16	-518.20
96	1	388.00	-1.385e+04	-882.20	44.02	2515.51	-2.84	-465.51
96	2	363.00	-2.114e+04	-1409.17	31.03	2755.36	-8.12	-803.25
...								
96	132	388.00	-1.168e+04	-1016.64	39.18	889.14	-2.68	-388.41
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.367e+04	-5829.41	-93.39	-1.155e+04	-23.46	-804.20
			107.49	3796.13	171.73	1.327e+04	14.11	-208.41

Macro	Tipo	Angolo 1-Z (gradi)
97	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
97	1	1330.75	-1.471e+04	-1852.93	-19.12	-573.96	-0.96	25.36
97	1	1340.75	-1.471e+04	-1852.93	-19.12	-573.96	-0.96	26.10
97	2	1330.75	-1.669e+04	-8279.83	-6.38	-7755.31	-0.32	18.32
...								
97	132	1340.75	-1.133e+04	-1210.27	-12.70	15.40	-0.63	19.61
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.675e+04	-8743.04	-256.25	-1.299e+04	-13.07	-10.73
			-7127.36	4908.77	230.86	1.302e+04	11.80	48.70

Macro	Tipo	Angolo 1-Z (gradi)
98	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
98	1	1350.75	-1206.17	-88.94	94.31	316.02	27.91	-0.43
98	1	1400.75	-1086.05	-71.69	94.19	268.72	24.01	-0.24
98	1	1417.46	-979.73	-268.07	66.35	40.74	21.15	-1.08
...								
98	132	1501.04	-69.03	-37.00	0.45	-4.67	2.07	-0.46
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1401.67	-1496.98	-145.87	-450.13	-56.85	-4.98
			48.89	1311.45	178.78	984.78	70.92	0.61

Macro	Tipo	Angolo 1-Z (gradi)
99	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
99	1	363.00	-1.299e+04	797.57	17.84	-2232.31	-2.09	19.11
99	1	388.00	-1.272e+04	797.57	17.84	-2121.00	-2.37	17.52
99	2	363.00	-1.731e+04	900.47	-32.11	-5552.39	4.09	11.77
...								
99	132	388.00	-9557.60	155.91	18.00	-2822.48	-2.36	15.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-1.731e+04	-6600.42	-207.80	-2.282e+04	-27.50	-18.40
		-3033.53	6912.24	243.80	1.702e+04	23.07	48.51

Macro	Tipo	Angolo 1-Z (gradi)
100	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
100	1	1330.75	-1841.57	134.36	-39.10	-8.37	-1.96	-2.71
100	1	1340.75	-1841.57	134.36	-39.10	-8.37	-1.96	-2.83
100	2	1330.75	-1882.80	-458.45	-48.95	-906.63	-2.45	-4.87
...								
100	132	1340.75	-1465.18	-59.79	-29.89	48.16	-1.49	-2.10
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2036.70	-4741.97	-183.17	-906.63	-9.07	-18.06
			-945.01	4622.39	569.39	854.85	28.47	14.12

Macro	Tipo	Angolo 1-Z (gradi)
101	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
101	1	363.00	-1.012e+04	133.51	61.33	932.10	-7.66	-0.31
101	1	388.00	-1.044e+04	133.51	61.33	926.79	-7.67	0.41
101	2	363.00	-1.200e+04	-79.59	-75.96	-58.97	9.16	1.04
...								
101	132	388.00	-8001.51	-210.07	43.89	-329.25	-5.48	0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.238e+04	-5252.80	-247.33	-1.895e+04	-41.69	-7.33
			-4133.44	4832.66	335.10	1.827e+04	30.72	12.92

Macro	Tipo	Angolo 1-Z (gradi)
102	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
102	1	1330.75	-2045.62	690.56	-1.45	290.62	-0.07	0.34
102	1	1340.75	-2045.62	690.56	-1.45	290.62	-0.07	0.56
102	2	1330.75	-2960.17	911.86	-13.04	601.99	-0.65	3.85
...								
102	132	1340.75	-1693.35	510.76	-0.83	389.25	-0.04	0.14
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3884.99	-1463.50	-87.48	-2795.16	-4.42	-28.82
			498.30	2485.03	85.83	3573.67	4.34	28.85

Macro	Tipo	Angolo 1-Z (gradi)
103	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
103	1	363.00	-1.259e+04	869.93	48.02	-3039.45	-6.09	-0.01
103	1	388.00	-1.246e+04	869.93	48.02	-3164.01	-5.91	-3.26

103	2	363.00	-8659.77	411.25	-119.26	-1.206e+04	14.38	1.85
...								
103	132	388.00	-1.024e+04	-48.70	40.08	-4573.27	-4.94	0.52
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.531e+04	-1.283e+04	-869.59	-4.379e+04	-82.52	-48.25
			4607.03	1.273e+04	633.11	3.477e+04	108.96	49.29

Macro	Tipo	Angolo 1-Z (gradi)
104	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
104	1	1330.75	-1829.99	-784.24	0.13	443.05	6.37e-03	-6.24
104	1	1340.75	-1829.99	-784.24	0.13	443.05	6.37e-03	-6.62
104	2	1330.75	-2152.45	-1329.30	0.47	860.83	0.02	-21.83
...								
104	132	1340.75	-1308.51	-741.25	-0.03	506.77	-1.22e-03	-4.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2752.61	-2829.66	-84.43	-1470.48	-4.32	-26.98
			135.59	1347.16	84.38	2484.01	4.31	19.41

Macro	Tipo	Angolo 1-Z (gradi)
105	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
105	1	1330.75	-735.47	230.73	1.64	-17.92	0.08	5.87
105	1	1340.75	-735.47	230.73	1.64	-17.92	0.08	6.89
105	2	1330.75	-1159.22	343.74	0.72	43.39	0.04	14.08
...								
105	132	1340.75	-703.56	199.80	0.47	40.01	0.02	4.62
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2552.03	-208.07	-16.87	-702.75	-0.66	-23.58
			1144.91	607.66	17.81	782.76	0.71	31.35

Macro	Tipo	Angolo 1-Z (gradi)
454	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
454	1	388.00	-2.920e+04	-1121.73	0.16	-4637.93	0.41	0.14
454	1	440.81	-2.781e+04	-1129.15	9.52	-6051.94	1.68	0.17
454	1	518.63	-2.871e+04	-1189.33	-1.59	-5641.38	1.48	-0.21
...								
454	132	674.25	-2.281e+04	-996.62	0.02	-4601.34	-0.25	0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.626e+04	-6410.13	-42.48	-1.410e+04	-29.28	-5.19
			-7023.12	4716.13	45.69	5484.41	28.01	5.25

Macro	Tipo	Angolo 1-Z (gradi)
107	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
107	1	1022.50	-5002.68	-1444.36	-35.79	-698.93	-12.95	-5.05e-04
107	1	1100.31	-5154.29	-1453.16	-31.40	-638.31	-12.33	-0.03
107	1	1178.13	-4560.06	-1555.74	-12.45	-674.72	-30.13	-0.06
...								
107	132	1330.75	-2132.26	-894.77	-0.19	-243.53	-0.23	-0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7446.08	-4981.22	-267.95	-1639.44	-92.14	-4.19
			-400.32	2414.12	298.12	687.29	249.61	5.78

Macro	Tipo	Angolo 1-Z (gradi)
108	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
108	1	1022.50	-1240.25	43.99	-0.54	0.0	-0.16	-0.11
108	1	1100.31	-1133.50	40.31	0.20	0.0	-0.46	-0.09
108	1	1178.13	-1068.30	36.44	0.54	-1.97	-0.42	8.11e-03
...								
108	132	1330.75	-639.06	22.11	0.30	0.0	-0.10	0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1759.91	-164.02	-25.18	-52.23	-10.65	-3.03
			481.80	212.03	25.79	57.86	10.12	2.92

Macro	Tipo	Angolo 1-Z (gradi)
453	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
453	1	694.25	-1.606e+04	-2152.67	-0.20	-1288.14	-6.53e-03	-0.11
453	1	772.06	-1.569e+04	-2156.02	0.38	-1671.02	0.07	-0.12
453	1	849.88	-1.629e+04	-2094.42	-0.52	-2207.06	-0.14	-0.12
...								
453	132	1002.50	-1.337e+04	-1613.56	-0.27	-2594.72	-0.14	0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.141e+04	-6111.57	-97.95	-5463.36	-86.51	-7.38
			-4990.29	2946.73	97.42	2635.15	85.94	7.25

Macro	Tipo	Angolo 1-Z (gradi)
110	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
110	1	1022.50	-6334.58	262.28	8.40	-1223.76	3.34	-0.05
110	1	1100.31	-6173.69	265.71	9.06	-1494.36	3.42	-0.06
110	1	1178.13	-5178.82	240.80	-7.77	-1185.60	3.74	-0.13
...								
110	132	1330.75	-2128.90	-73.09	2.53	-435.75	-1.14	-0.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8014.76	-3422.98	-55.94	-3358.53	-47.90	-1.30
			-384.98	3268.93	61.00	2487.03	47.15	1.21

Macro	Tipo	Angolo 1-Z (gradi)
111	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
111	1	1022.50	-4678.78	545.62	6.29e-03	528.19	0.03	-0.14
111	1	1100.31	-4815.24	544.94	0.08	339.20	0.03	-0.13
111	1	1178.13	-4540.43	543.70	-0.11	518.51	0.02	-0.12
...								
111	132	1330.75	-3285.03	493.62	-0.19	511.64	0.02	-0.05
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5964.54	-1880.41	-148.86	-1477.66	-123.92	-7.60
			-2245.83	2862.50	148.49	2500.94	123.87	7.50

Macro	Tipo	Angolo 1-Z (gradi)
452	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
452	1	1022.50	-4298.79	-2589.88	-0.25	960.92	0.03	0.23
452	1	1100.31	-4467.70	-2575.76	0.52	1133.47	0.10	0.22
452	1	1178.13	-4852.90	-2473.72	-0.43	172.28	-0.04	0.21
...								
452	132	1330.75	-4442.48	-1874.37	0.08	-1074.50	-0.06	0.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7716.14	-5541.31	-106.42	-3032.28	-95.10	-7.50
			-2155.99	455.55	106.57	2538.13	95.40	7.87

Macro	Tipo	Angolo 1-Z (gradi)
113	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
113	1	1022.50	-3748.20	-593.69	-13.41	1169.86	-4.66	-0.41
113	1	1100.31	-2719.72	-561.25	-9.07	615.77	-3.36	-0.60
113	1	1178.13	-3340.26	-583.18	-4.56	426.19	-11.32	-0.08
...								
113	132	1330.75	-2341.28	-371.23	4.95	-212.80	-1.43	0.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4660.16	-2586.50	-102.61	-1875.48	-29.09	-2.03
			-421.00	1642.89	108.75	3175.50	75.81	4.40

Macro	Tipo	Angolo 1-Z (gradi)
114	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
114	1	1022.50	-1810.09	-691.11	-27.14	306.68	-9.64	1.86
114	1	1100.31	-1909.95	-688.02	-18.51	374.07	-8.78	1.55
114	1	1178.13	-1818.81	-686.15	-9.70	14.88	-22.20	0.07
...								
114	132	1330.75	-1395.71	-547.29	-0.02	-411.31	-0.44	0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2881.82	-1762.02	-216.35	-1307.35	-71.28	-18.38
			-188.06	419.33	221.85	1266.95	183.68	17.94

Macro	Tipo	Angolo 1-Z (gradi)
447	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
447	1	694.25	-3.223e+04	-2057.30	1.28	2536.74	0.48	-0.19
447	1	772.06	-3.174e+04	-2051.92	1.28	4045.58	0.44	-0.19
447	1	849.88	-3.194e+04	-2074.72	0.33	3576.25	1.05	-0.22
...								
447	132	1002.50	-2.460e+04	-1289.29	-0.42	2554.33	0.15	-0.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.346e+04	-1.456e+04	-245.47	-7802.83	-203.52	-4.09
			-9705.71	1.198e+04	244.63	1.271e+04	204.75	3.84

Macro	Tipo	Angolo 1-Z (gradi)
116	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
116	1	1022.50	-8609.98	606.57	4.04	-473.24	1.57	0.11
116	1	1100.31	-8195.31	601.65	3.51	-1119.06	1.47	0.07
116	1	1178.13	-7007.04	576.25	-3.04	-712.06	1.86	-0.02
...								
116	132	1330.75	-3145.01	-10.31	1.03	-505.70	-0.53	0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.157e+04	-5430.67	-75.63	-3378.88	-60.82	-1.43
			-1635.26	5431.59	77.70	1458.76	60.34	1.67

Macro	Tipo	Angolo 1-Z (gradi)
446	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
446	1	1022.50	-1.041e+04	-2036.18	0.86	1193.96	0.34	-0.25
446	1	1100.31	-1.057e+04	-2049.56	1.15	726.31	0.23	-0.25
446	1	1178.13	-1.049e+04	-2061.45	-0.09	1362.46	0.54	-0.29
...								
446	132	1330.75	-8093.04	-1296.36	-0.43	1468.39	0.18	-0.22
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.255e+04	-8894.84	-270.85	-2688.70	-238.89	-3.65
			-5223.25	6366.25	269.98	4228.74	240.02	3.35

Macro	Tipo	Angolo 1-Z (gradi)
118	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
118	1	363.00	-7.016e+04	-3588.54	-473.31	5.430e+04	59.75	14.77
118	1	388.00	-7.024e+04	-3588.54	-473.31	5.280e+04	58.58	0.10
118	2	363.00	-8.930e+04	-1.030e+04	-513.45	1.127e+05	64.91	22.39
...								
118	132	388.00	-5.360e+04	-2300.82	-318.21	4.087e+04	39.30	-0.56
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-8.984e+04	-2.080e+04	-983.68	-5.298e+04	-47.80	-66.04
		-2.092e+04	1.620e+04	347.25	1.347e+05	126.40	64.92

Macro	Tipo	Angolo 1-Z (gradi)
119	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
119	1	1330.75	-6154.38	-3002.44	-9.40	-1950.43	-0.59	-29.93
119	1	1340.75	-6154.38	-3002.44	-9.40	-1950.43	-0.59	-30.60
119	2	1330.75	-8482.09	-6051.44	-1.21	-3846.25	-0.06	-15.86
...								
119	132	1340.75	-4659.21	-2238.00	-5.39	-1439.92	-0.40	-23.99
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8587.78	-6249.39	-133.23	-4028.19	-7.02	-45.60
			-2602.64	156.88	122.46	1016.05	6.22	-1.17

Macro	Tipo	Angolo 1-Z (gradi)
120	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
120	1	1330.75	-3351.22	-1057.51	45.60	-655.71	2.40	-2.83
120	1	1340.75	-3351.22	-1057.51	45.60	-655.71	2.40	-2.25
120	2	1330.75	-4222.21	-3872.03	33.53	-931.90	1.68	-6.26
...								
120	132	1340.75	-2520.78	-749.10	1.42	-439.47	0.20	-1.31
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4222.21	-4097.02	-383.36	-1477.03	-18.59	-8.28
			-1437.54	1740.94	131.73	598.08	6.73	4.80

Macro	Tipo	Angolo 1-Z (gradi)
121	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
121	1	1330.75	-58.44	-28.02	-0.52	-7.11	-0.03	-0.23
121	1	1340.75	-58.44	-28.02	-0.52	-7.11	-0.03	0.52
121	2	1330.75	-40.08	-13.04	-3.20	-8.66	-0.16	-0.61
...								
121	132	1340.75	-71.50	8.83	1.23	-5.77	0.06	0.66
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-922.01	-73.38	-37.12	-47.93	-1.79	-11.84
			779.00	91.04	39.58	36.39	1.91	13.16

Macro	Tipo	Angolo 1-Z (gradi)
122	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
122	1	1330.75	-2222.64	1075.98	-5.98	-172.85	-0.30	-1.49
122	1	1340.75	-2222.64	1075.98	-5.98	-172.85	-0.30	-1.43

122	2	1330.75	-2750.32	1884.06	-17.32	-629.10	-0.87	0.17
...								
122	132	1340.75	-1811.63	763.81	-3.49	79.28	-0.17	-1.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2971.94	-1617.61	-142.14	-3142.21	-7.28	-27.13
			-753.64	3145.23	135.17	3300.76	6.94	24.76

Macro	Tipo	Angolo 1-Z (gradi)
124	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
124	1	1330.75	-691.80	305.52	70.46	44.54	3.52	-0.52
124	1	1340.75	-691.80	305.52	70.46	44.54	3.52	-5.10
124	2	1330.75	83.24	124.73	62.38	-288.27	3.12	-2.41
...								
124	132	1340.75	-563.04	253.87	12.61	55.44	0.63	-9.65
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1736.22	-104.55	-39.02	-424.38	-2.20	-16.55
			610.15	612.28	107.92	535.25	5.40	15.01

Macro	Tipo	Angolo 1-Z (gradi)
125	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
125	1	1330.75	-2339.90	-543.53	123.47	-372.11	6.17	-4.97
125	1	1340.75	-2339.90	-543.53	123.47	-372.11	6.17	-3.54
125	2	1330.75	-2664.71	-1603.79	160.43	-1948.51	8.02	-8.45
...								
125	132	1340.75	-1761.74	-365.33	56.76	-213.35	2.84	3.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2675.74	-1632.92	-44.13	-2626.62	-1.97	-17.88
			-847.73	174.53	187.94	2199.91	9.40	16.38

Macro	Tipo	Angolo 1-Z (gradi)
126	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
126	1	363.00	-5940.68	-3361.13	-58.42	1742.56	7.25	6.97
126	1	363.00	-5940.68	-3361.13	-58.42	1742.56	7.25	6.97
126	1	388.00	-4498.82	-3361.13	-58.41	2526.04	7.35	15.77
...								
126	132	388.00	-3948.72	-2619.45	-33.93	1085.69	4.29	9.32
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.291e+04	-4911.37	-241.51	-1.137e+04	-37.09	-33.96
			5017.05	-689.83	295.12	1.354e+04	31.19	52.61

Macro	Tipo	Angolo 1-Z (gradi)
127	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
127	1	1330.75	-1409.88	-60.52	108.38	-84.84	5.42	2.66
127	1	1340.75	-1409.88	-60.52	108.38	-84.84	5.42	3.42
127	2	1330.75	-1648.86	-390.99	108.38	-626.93	5.42	-1.12
...								
127	132	1340.75	-1077.60	-28.25	0.0	-34.11	0.0	-0.65
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1824.12	-411.86	-54.28	-718.27	-2.71	-6.43
			-331.09	287.29	180.64	650.05	9.03	9.00

Macro	Tipo	Angolo 1-Z (gradi)
128	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
128	1	1330.75	-1297.40	-210.32	108.38	-370.57	5.42	-0.68
128	1	1340.75	-1297.40	-210.32	108.38	-370.57	5.42	-0.86
128	2	1330.75	-1295.37	-606.50	108.38	-1032.41	5.42	3.70
...								
128	132	1340.75	-1000.09	-144.76	0.0	-257.07	0.0	2.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1377.60	-622.42	-53.78	-1064.72	-2.72	-7.60
			-762.04	164.70	180.64	413.23	9.03	8.26

Macro	Tipo	Angolo 1-Z (gradi)
129	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
129	1	1330.75	-2341.85	-415.59	21.52	-503.41	1.08	13.14
129	1	1340.75	-2341.85	-415.59	21.52	-503.41	1.08	14.02
129	2	1330.75	-2728.43	-1076.75	64.55	-1624.43	3.23	19.26
...								
129	132	1340.75	-1726.88	-293.69	12.20	-349.36	0.61	16.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2904.04	-1099.45	-26.14	-1687.76	-1.53	-4.58
			-549.73	29.78	64.55	773.50	3.23	29.01

Macro	Tipo	Angolo 1-Z (gradi)
130	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
130	1	1330.75	-2234.24	108.50	35.48	-253.09	1.77	-2.33
130	1	1340.75	-2234.24	108.50	35.48	-253.09	1.77	-5.58
130	2	1330.75	-2489.18	-365.15	29.31	-1293.69	1.47	-5.48
...								
130	132	1340.75	-1758.22	117.14	-27.27	-133.51	-1.36	-11.81
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2572.59	-450.61	-86.34	-1606.78	-4.25	-22.35
			-1050.98	498.73	105.91	1339.77	5.30	13.14

Macro	Tipo	Angolo 1-Z (gradi)
131	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
131	1	1330.75	-1438.67	-77.31	108.38	-109.20	5.42	6.27
131	1	1340.75	-1438.67	-77.31	108.38	-109.20	5.42	8.05
131	2	1330.75	-1684.25	-419.07	108.38	-661.46	5.42	1.96
...								
131	132	1340.75	-1102.31	-42.38	-6.31e-06	-55.05	0.0	3.90
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1718.45	-440.02	-58.40	-729.55	-3.17	-6.95
			-776.56	252.63	180.64	619.45	9.03	14.75

Macro	Tipo	Angolo 1-Z (gradi)
132	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
132	1	1330.75	-1280.11	-192.55	108.38	-342.23	5.42	-10.40
132	1	1340.75	-1280.11	-192.55	108.38	-342.23	5.42	-13.37
132	2	1330.75	-1244.50	-595.08	108.38	-1020.94	5.42	-13.32
...								
132	132	1340.75	-993.96	-131.28	0.0	-235.06	0.0	-7.13
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1370.92	-611.65	-55.85	-1052.87	-2.86	-17.62
			-716.47	200.16	180.64	480.11	9.03	-2.42

Macro	Tipo	Angolo 1-Z (gradi)
133	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
133	1	1330.75	-2159.64	-194.27	109.16	-885.07	5.46	-4.74
133	1	1340.75	-2159.64	-194.27	109.16	-885.07	5.46	-6.24
133	2	1330.75	-2066.44	-1131.16	200.98	-2928.10	10.05	-9.76
...								
133	132	1340.75	-1653.49	-109.18	48.05	-579.92	2.40	-7.78
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2213.92	-1182.83	-98.90	-3141.05	-5.37	-17.47
			-1069.95	480.33	200.98	1981.22	10.18	8.50

Macro	Tipo	Angolo 1-Z (gradi)
448	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
448	1	388.00	-5.649e+04	-1979.39	2.03	5820.94	0.51	-0.42
448	1	440.81	-5.509e+04	-1967.87	1.47	1.006e+04	0.72	-0.41
448	1	518.63	-5.538e+04	-1960.54	1.21	7505.75	1.70	-0.26
...								
448	132	674.25	-4.181e+04	-1194.87	0.37	3802.79	-0.14	0.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7.779e+04	-1.580e+04	-103.89	-1.620e+04	-77.85	-6.63
			-1.452e+04	1.338e+04	104.64	2.777e+04	78.05	6.18

Macro	Tipo	Angolo 1-Z (gradi)
135	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
135	1	1330.75	-1536.70	-761.43	98.80	-421.01	4.94	2.25
135	1	1340.75	-1536.70	-761.43	98.80	-421.01	4.94	5.82
135	2	1330.75	-2655.57	-1583.79	128.11	-987.15	6.41	15.00
...								
135	132	1340.75	-1123.04	-554.75	17.60	-302.09	0.88	10.21
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2708.00	-1643.95	-42.23	-1028.64	-2.37	-17.14
			41.46	43.46	166.11	362.26	8.31	26.88

Macro	Tipo	Angolo 1-Z (gradi)
136	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
136	1	1330.75	-2157.72	684.29	40.43	328.07	2.02	1.25
136	1	1340.75	-2157.72	684.29	40.43	328.07	2.02	1.02
136	2	1330.75	-3013.47	1631.75	53.71	654.68	2.69	0.91
...								
136	132	1340.75	-1689.07	230.22	31.36	259.64	1.57	0.83
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3092.18	-5038.02	-567.65	-189.28	-28.38	-10.00
			-951.47	5498.45	186.35	738.61	9.22	11.67

Macro	Tipo	Angolo 1-Z (gradi)
137	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
137	1	363.00	-8966.21	-503.20	-34.34	-189.71	4.18	5.58
137	1	363.00	-8966.21	-503.20	-34.34	-189.71	4.18	5.58
137	1	388.00	-9144.43	-503.20	-34.34	-194.41	4.40	3.62
...								
137	132	388.00	-7336.88	-370.95	-2.77	-288.75	0.43	1.54
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.397e+04	-2557.57	-83.81	-5231.32	-27.23	-23.02
			-567.67	1815.67	216.59	4657.96	11.06	16.81

Macro	Tipo	Angolo 1-Z (gradi)
138	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
138	1	363.00	-1.262e+04	-212.88	-431.71	1453.24	53.33	81.60
138	1	363.00	-1.262e+04	-212.88	-431.71	1453.24	53.33	81.60
138	1	388.00	-1.270e+04	-212.88	-431.71	1448.61	54.60	111.23
...								
138	132	388.00	-1.035e+04	-147.25	-302.63	955.34	38.31	84.89
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-1.997e+04	-2137.45	-568.62	-4602.63	-8.64	20.38
		-3635.02	1842.94	66.70	6518.47	71.73	144.90

Macro	Tipo	Angolo 1-Z (gradi)
139	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
139	1	1022.50	-146.79	-741.89	-70.14	554.98	-24.65	9.72
139	1	1100.31	-131.59	-736.13	-37.82	550.69	-20.81	8.28
139	1	1178.13	-509.39	-733.85	-21.62	264.64	-53.87	1.78
...								
139	132	1330.75	-982.89	-538.84	3.31	-178.11	0.02	-0.16
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2327.93	-1568.98	-117.86	-629.24	-89.75	-16.92
			1576.68	261.30	117.49	1171.43	31.90	16.63

Macro	Tipo	Angolo 1-Z (gradi)
140	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
140	1	363.00	-8802.47	1050.51	-102.74	-177.46	13.28	-26.08
140	1	363.00	-8802.47	1050.51	-102.74	-177.46	13.28	-26.08
140	1	388.00	-8887.64	1050.51	-102.73	-244.35	12.40	-31.10
...								
140	132	388.00	-6127.99	597.20	-81.51	-458.07	9.86	-26.29
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.618e+04	-2188.69	-179.25	-4212.71	-0.93	-63.43
			4046.04	3383.09	6.14	3377.01	23.00	17.82

Macro	Tipo	Angolo 1-Z (gradi)
141	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
141	1	1340.75	-2611.90	888.97	-4.92	-790.44	0.32	1.07
141	1	1350.75	-2887.97	991.46	-7.04	-582.36	0.35	0.34
141	2	1340.75	-2909.04	1967.57	7.16	-905.02	-0.06	5.39
...								
141	132	1350.75	-2245.49	650.36	-5.30	-626.90	0.26	-5.61e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3666.75	-850.06	-80.15	-3215.70	-3.45	-4.22
			-824.24	2269.97	69.55	1961.89	3.98	5.83

Macro	Tipo	Angolo 1-Z (gradi)
142	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
142	1	1340.75	-1669.09	193.78	-20.78	-724.70	0.51	-0.58
142	1	1350.75	-1834.05	1062.71	-56.58	-447.75	-1.34	0.59

142	2	1340.75	-2050.78	98.70	-3.77	-719.21	-0.52	-1.29
...								
142	132	1350.75	-1429.51	803.76	-42.45	-495.29	-0.97	0.44
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2284.10	-1231.54	-98.73	-2886.39	-23.41	-12.03
			-740.57	1804.75	237.32	1895.81	3.84	11.20

Macro	Tipo	Angolo 1-Z (gradi)
143	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
143	1	1340.75	-2935.45	1048.17	-310.66	2528.30	9.12	24.35
143	1	1350.75	-2422.72	-2861.63	-493.00	2355.72	-3.58	4.58
143	2	1340.75	-3300.28	3342.51	-348.33	3639.87	8.57	33.25
...								
143	132	1350.75	-1883.70	-1900.85	-255.70	1870.61	-9.97	4.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3385.85	-1.068e+04	-713.17	-173.87	-98.91	-1.85
			-1643.66	8006.69	1118.65	5766.58	16.05	35.69

Macro	Tipo	Angolo 1-Z (gradi)
145	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
145	1	1340.75	-429.36	-803.85	5.92	-254.67	-0.25	0.37
145	1	1350.75	-436.34	-809.85	4.13	-246.69	-0.25	0.23
145	2	1340.75	-89.27	-3499.10	8.78	1383.43	-0.35	0.94
...								
145	132	1350.75	-341.84	-510.61	1.97	-306.89	-0.13	0.21
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1183.65	-3579.37	-181.64	-2552.38	-9.56	-18.79
			114.25	611.88	185.59	1938.60	9.30	19.22

Macro	Tipo	Angolo 1-Z (gradi)
146	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
146	1	363.00	-1.198e+04	590.56	93.12	-1283.09	-11.68	-7.66
146	1	363.00	-1.198e+04	590.56	93.12	-1283.09	-11.68	-7.66
146	1	388.00	-1.201e+04	590.56	93.12	-1489.22	-11.60	-11.01
...								
146	132	388.00	-9765.60	-271.11	65.66	-3980.98	-8.16	-7.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.785e+04	-1.215e+04	-677.96	-5.182e+04	-83.01	-42.14
			8389.85	1.161e+04	659.52	4.412e+04	84.88	28.06

Macro	Tipo	Angolo 1-Z (gradi)
147	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
147	1	363.00	-1.530e+04	486.27	40.35	-1875.27	-4.98	39.45
147	1	363.00	-1.530e+04	486.27	40.35	-1875.27	-4.98	39.45
147	1	388.00	-1.540e+04	486.27	40.35	-2012.71	-5.11	40.62
...								
147	132	388.00	-1.211e+04	-217.66	37.38	-3060.58	-4.73	30.53
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.195e+04	-7792.70	-524.14	-2.757e+04	-70.27	12.92
			-5644.75	7357.38	598.91	2.163e+04	60.82	55.95

Macro	Tipo	Angolo 1-Z (gradi)
148	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
148	1	1350.75	-3354.80	-5909.08	-418.79	4023.47	-112.69	1.44
148	1	1400.75	-3410.96	-5165.70	-464.41	844.66	-93.90	-0.83
148	1	1400.75	-3410.96	-5165.70	-464.41	844.66	-93.90	-0.83
...								
148	132	1400.75	-2724.26	-3318.46	-222.51	1302.80	-32.20	-0.80
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6853.52	-2.158e+04	-1038.93	-2.031e+04	-274.49	-3.72
			1405.01	3249.82	676.94	2.518e+04	210.10	3.13

Macro	Tipo	Angolo 1-Z (gradi)
149	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
149	1	363.00	-7648.38	-605.43	3.01	-42.64	-0.13	15.77
149	1	363.00	-7648.38	-605.43	3.01	-42.64	-0.13	15.77
149	1	388.00	-7513.41	-605.43	3.01	-45.56	-0.62	13.45
...								
149	132	388.00	-6000.07	-436.33	7.21	-88.69	-1.10	11.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.141e+04	-1626.87	-76.61	-2793.05	-10.33	-0.45
			-815.85	754.22	91.04	2618.48	8.51	24.11

Macro	Tipo	Angolo 1-Z (gradi)
150	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
150	1	1022.50	-1092.34	-903.69	-19.38	458.88	-7.13	2.12
150	1	1100.31	-1322.22	-895.46	-14.86	578.03	-6.71	1.83
150	1	1178.13	-1453.22	-891.36	-5.94	184.10	-16.15	0.44
...								
150	132	1330.75	-1515.05	-695.67	-0.42	-320.28	-4.20e-03	0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3060.14	-2017.79	-159.19	-1078.20	-31.81	-17.94
			-105.62	126.12	161.90	1280.71	133.72	17.55

Macro	Tipo	Angolo 1-Z (gradi)
151	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
151	1	363.00	-2.916e+04	-477.43	4.34	1.114e+04	-0.58	-15.09
151	1	388.00	-2.902e+04	-477.43	4.34	1.068e+04	-0.51	-15.01
151	2	363.00	-4.168e+04	-2274.12	13.37	2.283e+04	-1.68	-20.85
...								
151	132	388.00	-2.231e+04	-240.73	6.61	7692.30	-0.80	-10.49
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.247e+04	-5791.89	-207.42	-1.073e+04	-24.13	-25.16
			-7908.99	5310.43	220.64	2.667e+04	22.44	5.01

Macro	Tipo	Angolo 1-Z (gradi)
152	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
152	1	1340.75	-4369.78	343.26	43.88	-4577.98	-2.29	-0.23
152	1	1350.75	-4940.84	15.49	48.13	-4486.58	-2.41	0.50
152	2	1340.75	-4932.94	549.18	98.09	-7913.95	-4.91	0.11
...								
152	132	1350.75	-3838.75	-45.07	38.71	-3681.46	-1.94	0.63
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5591.30	-3365.46	-487.01	-8634.11	-10.26	-8.49
			-2220.48	3275.31	205.44	820.02	24.35	8.69

Macro	Tipo	Angolo 1-Z (gradi)
153	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
153	1	1340.75	-1146.53	-1286.47	-60.14	-453.67	3.01	4.21
153	1	1350.75	-1146.53	-1286.47	-60.14	-453.67	3.01	3.89
153	2	1340.75	-295.87	-4827.21	-82.41	1416.01	4.12	0.89
...								
153	132	1350.75	-875.03	-768.52	-16.94	-438.88	0.85	3.22
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2211.72	-4827.21	-341.19	-1236.90	-16.80	-4.51
			-193.61	931.66	320.72	1949.72	18.49	11.94

Macro	Tipo	Angolo 1-Z (gradi)
154	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
154	1	363.00	-2995.21	473.15	7.38	257.35	-2.53	-1.32
154	1	363.00	-2995.21	473.15	7.38	257.35	-2.53	-1.32
154	1	388.00	-2902.43	473.15	7.38	257.36	0.68	6.68
...								
154	132	388.00	-2473.52	441.76	13.23	143.84	-0.26	4.50
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7982.13	-429.45	-216.84	-578.41	-31.70	-35.41
			3008.81	1312.98	243.30	866.10	26.72	44.40

Macro	Tipo	Angolo 1-Z (gradi)
155	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
155	1	363.00	-2253.68	-531.74	46.14	-64.50	-4.31	1.35
155	1	388.00	-2172.00	-531.74	46.14	-64.50	-7.23	16.97
155	2	363.00	-1382.00	-611.90	7.69	-8.52	0.96	-0.42
...								
155	132	388.00	-1627.52	-363.36	49.12	-115.30	-7.21	15.51
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6595.35	-1107.00	-172.73	-860.98	-34.17	-24.36
			3338.90	380.28	270.98	630.38	23.23	55.38

Macro	Tipo	Angolo 1-Z (gradi)
156	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
156	1	1340.75	-4908.00	-657.81	-11.21	346.79	0.57	-7.05
156	1	1350.75	-5205.40	-25.88	-12.40	1445.60	0.62	-2.11
156	2	1340.75	-6294.22	-13.49	-10.74	1578.54	0.62	-16.50
...								
156	132	1350.75	-3969.39	-168.68	-13.89	1328.82	0.69	-1.62
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6634.94	-2786.00	-142.53	-1242.20	-5.81	-17.37
			-2226.69	2448.64	114.75	3899.85	7.20	3.42

Macro	Tipo	Angolo 1-Z (gradi)
157	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
157	1	363.00	-8934.26	-479.52	-109.86	1011.71	13.81	-48.34
157	1	363.00	-8934.26	-479.52	-109.86	1011.71	13.81	-48.34
157	1	388.00	-8954.08	-479.52	-109.86	984.04	13.66	-49.96
...								
157	132	388.00	-6292.22	-412.54	-41.35	455.15	5.13	-36.87
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.654e+04	-3427.06	-327.68	-8641.95	-40.39	-87.70
			4014.91	2601.98	322.66	9586.09	42.12	13.97

Macro	Tipo	Angolo 1-Z (gradi)
158	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
158	1	363.00	-1.204e+04	-438.56	-42.39	1626.66	5.22	10.30
158	1	388.00	-1.215e+04	-438.56	-42.39	1610.73	5.38	9.73
158	2	363.00	-1.539e+04	-1479.83	-42.40	5826.94	5.21	9.20
...								
158	132	388.00	-9309.80	-338.87	0.06	1225.56	0.06	7.57
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-1.549e+04	-3082.28	-95.21	-8663.77	-44.45	2.97
		-3932.40	2404.53	354.04	1.114e+04	8.91	13.13

Macro	Tipo	Angolo 1-Z (gradi)
159	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
159	1	363.00	-6699.69	-264.49	-19.04	366.11	2.62	8.42
159	1	363.00	-6699.69	-264.49	-19.04	366.11	2.62	8.42
159	1	388.00	-6674.54	-264.49	-19.05	365.21	2.15	4.71
...								
159	132	388.00	-4592.96	-184.48	6.93	345.31	-1.06	3.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.270e+04	-1362.78	-133.81	-2309.04	-23.43	-17.72
			3480.94	993.82	184.88	3001.94	17.85	23.78

Macro	Tipo	Angolo 1-Z (gradi)
160	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
160	1	363.00	-1.794e+04	-699.97	289.38	4764.35	-35.25	79.39
160	1	363.00	-1.794e+04	-699.97	289.38	4764.35	-35.25	79.39
160	1	388.00	-1.794e+04	-699.97	289.38	4610.26	-37.10	116.26
...								
160	132	388.00	-1.287e+04	-537.63	305.10	3652.87	-38.93	100.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.694e+04	-6032.85	-298.65	-1.676e+04	-121.97	-0.49
			1200.56	4957.59	964.14	2.428e+04	32.31	198.70

Macro	Tipo	Angolo 1-Z (gradi)
161	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
161	1	1340.75	-3705.57	-2466.23	-37.61	493.30	1.64	-6.86
161	1	1350.75	-2376.17	-3229.62	-12.18	-929.07	0.61	-7.43
161	2	1340.75	-3047.25	-6793.66	-64.95	5485.45	3.09	-3.26
...								
161	132	1350.75	-1764.81	-2387.26	22.22	-1276.68	-1.11	-6.44
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4129.67	-1.020e+04	-440.70	-6510.66	-23.87	-34.64
			-778.27	50.31	485.13	5485.45	21.65	22.15

Macro	Tipo	Angolo 1-Z (gradi)
162	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
162	1	363.00	-9819.88	-281.12	-38.02	1066.98	4.68	-7.48
162	1	388.00	-9895.30	-281.12	-38.02	1050.60	4.83	-6.72

162	2	363.00	-1.257e+04	-1052.28	-38.05	4102.07	4.68	-7.96
...								
162	132	388.00	-7577.45	-207.75	-0.04	765.34	0.07	-5.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.262e+04	-2498.14	-65.73	-7096.09	-39.73	-9.64
			-3318.78	2082.64	316.44	8651.85	7.99	-1.49

Macro	Tipo	Angolo 1-Z (gradi)
163	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
163	1	1340.75	-1605.28	-7.36	39.10	80.83	-1.96	-2.76
163	1	1350.75	-1605.28	-7.36	39.10	80.83	-1.96	-2.88
163	2	1340.75	-1595.79	93.04	48.95	-702.05	-2.45	-4.93
...								
163	132	1350.75	-1278.46	-20.31	29.89	120.47	-1.49	-2.19
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1785.19	-1588.06	-569.39	-702.05	-9.07	-13.43
			-771.72	1547.44	185.77	774.93	28.47	9.31

Macro	Tipo	Angolo 1-Z (gradi)
164	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
164	1	363.00	-8962.90	-241.96	-89.58	1676.28	11.23	31.70
164	1	388.00	-9051.34	-241.96	-89.58	1665.71	11.16	32.91
164	2	363.00	-1.191e+04	-1030.85	-72.50	5200.10	8.99	32.29
...								
164	132	388.00	-6428.96	-146.92	-35.11	1422.65	4.37	24.85
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.390e+04	-2701.74	-274.64	-7150.70	-35.22	-16.85
			1198.29	2407.90	281.08	1.002e+04	34.62	66.55

Macro	Tipo	Angolo 1-Z (gradi)
165	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
165	1	1340.75	-2027.67	-783.43	3.90	449.36	-0.07	0.39
165	1	1350.75	-2249.02	-760.39	-1.77	697.99	0.09	0.99
165	2	1340.75	-2567.68	-1054.18	9.82	277.37	-0.22	-6.04
...								
165	132	1350.75	-1759.78	-612.07	-0.45	392.84	0.02	1.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2899.43	-1810.88	-96.81	-2059.28	-4.30	-6.50
			-941.28	758.50	95.92	2844.96	4.35	8.27

Macro	Tipo	Angolo 1-Z (gradi)
166	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
166	1	1022.50	-1303.09	-65.76	-0.35	0.0	0.12	-0.07
166	1	1100.31	-657.45	-42.64	2.24	0.0	0.49	-0.04
166	1	1178.13	-905.07	-62.23	-1.15	-47.91	0.16	0.08
...								
166	132	1330.75	-368.13	-52.93	-0.02	0.0	-0.02	-0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1962.69	-312.99	-10.33	-103.64	-10.19	-3.28
			946.13	118.03	10.29	74.53	9.99	3.14

Macro	Tipo	Angolo 1-Z (gradi)
167	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
167	1	1022.50	-693.92	183.61	0.68	3.77e-05	0.30	0.05
167	1	1100.31	-2741.22	413.89	0.98	214.41	0.50	0.16
167	1	1178.13	-2461.35	395.63	-1.16	40.32	0.49	0.01
...								
167	132	1330.75	-1241.68	272.92	1.06e-03	-24.54	-0.12	0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3804.72	-727.62	-37.12	-745.72	-30.40	-5.07
			454.94	1216.16	37.12	696.63	30.99	5.18

Macro	Tipo	Angolo 1-Z (gradi)
168	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
168	1	1022.50	-1625.42	93.39	-24.65	51.87	-9.01	-2.01
168	1	1100.31	-1573.07	95.37	-23.22	84.77	-8.43	-1.72
168	1	1178.13	-1451.89	94.82	-7.53	87.61	-20.37	-0.29
...								
168	132	1330.75	-914.44	126.48	0.86	68.00	-0.11	0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2876.04	-674.06	-206.78	-693.62	-63.47	-17.89
			590.78	924.39	204.34	829.63	168.41	18.49

Macro	Tipo	Angolo 1-Z (gradi)
169	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
169	1	1022.50	-1575.15	-52.63	-10.83	-78.19	-3.95	-1.69
169	1	1100.31	-1053.39	-46.16	-11.01	50.41	-3.19	-1.40
169	1	1178.13	-1211.03	-49.74	-4.36	6.29	-8.84	-0.10
...								
169	132	1330.75	-735.29	-18.26	0.37	-23.72	0.04	0.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2382.45	-466.63	-96.84	-307.22	-20.96	-15.49
			306.75	439.35	93.99	300.84	74.00	16.11

Macro	Tipo	Angolo 1-Z (gradi)
170	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
170	1	1340.75	-1701.88	234.95	-1.36	-474.91	0.07	-1.43
170	1	1350.75	-1701.88	234.95	-1.36	-474.91	0.07	-0.66
170	2	1340.75	-2157.10	596.96	-6.13	-921.76	0.31	0.39
...								
170	132	1350.75	-1338.20	265.17	-1.74	-294.30	0.09	-0.65
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2194.78	-126.43	-84.52	-1311.82	-3.91	-22.50
			-817.24	766.64	81.05	723.23	4.09	21.19

Macro	Tipo	Angolo 1-Z (gradi)
171	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
171	1	1022.50	-2800.36	-99.17	-0.01	-145.69	0.22	0.01
171	1	1100.31	-2713.10	-96.61	1.33	-210.03	0.35	0.04
171	1	1178.13	-2353.93	-107.04	-1.24	-286.26	0.09	0.12
...								
171	132	1330.75	-1069.86	-148.35	1.00	-269.53	-0.36	-0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4233.89	-1338.89	-205.69	-1870.07	-52.51	-17.83
			646.52	1038.35	208.65	1331.01	177.68	17.80

Macro	Tipo	Angolo 1-Z (gradi)
172	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
172	1	1022.50	-2238.83	-265.58	-28.11	200.89	-10.94	-0.17
172	1	1100.31	-2238.83	-265.58	-28.11	200.89	-10.94	-0.17
172	1	1178.13	-2050.27	-265.58	-9.13	-4.01	-25.43	-0.19
...								
172	132	1330.75	-1257.91	-190.96	-1.74e-05	-297.60	6.60e-06	-0.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2451.77	-973.72	-237.34	-1754.47	-77.28	-0.81
			-714.83	489.15	234.29	1159.27	211.90	0.53

Macro	Tipo	Angolo 1-Z (gradi)
173	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
173	1	1022.50	-2649.96	-330.43	-31.45	273.86	-12.23	-0.33
173	1	1100.31	-2649.96	-330.43	-31.45	273.86	-12.23	-0.33
173	1	1178.13	-2439.06	-330.43	-10.21	18.53	-28.44	-0.38
...								
173	132	1330.75	-1520.73	-233.24	0.0	-345.79	0.0	-0.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2846.47	-1178.05	-265.47	-1902.66	-91.64	-1.29
			-758.46	507.07	262.05	1211.09	237.01	0.78

Macro	Tipo	Angolo 1-Z (gradi)
174	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
174	1	1022.50	-2872.03	-792.17	-36.81	857.76	-12.62	-0.12
174	1	1100.31	-2941.87	-778.01	-27.33	895.36	-11.57	-0.12
174	1	1178.13	-2815.77	-760.65	-11.57	727.16	-28.69	-0.09
...								
174	132	1330.75	-2038.56	-365.35	2.24	235.43	-0.39	-0.13
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5320.96	-3738.48	-303.35	-198.59	-85.05	-4.22
			943.74	2920.21	305.44	2256.27	233.71	3.96

Macro	Tipo	Angolo 1-Z (gradi)
423	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
423	1	388.00	-1.269e+04	-191.26	-43.58	1910.96	-11.51	-4.60
423	1	440.81	-1.269e+04	-191.26	-43.58	1910.96	-11.51	-4.18
423	1	518.63	-1.267e+04	-188.17	-29.58	1748.71	-34.52	-1.59
...								
423	132	674.25	-1.034e+04	-87.27	5.99	1009.05	-2.33	-0.46
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.998e+04	-3051.69	-89.05	-7811.89	-69.43	-7.81
			-3483.59	2868.13	85.11	1.033e+04	43.23	7.39

Macro	Tipo	Angolo 1-Z (gradi)
176	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
176	1	1350.75	-3907.18	-2840.16	-435.39	5449.38	-118.40	-0.69
176	1	1407.75	88.89	-2859.04	-410.47	-1625.42	-172.76	-0.84
176	1	1407.75	88.89	-2859.04	-410.47	-1625.42	-172.76	-0.84
...								
176	132	1407.75	22.35	-1905.17	-261.53	-1066.05	-119.81	-0.52
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6971.73	-1.076e+04	-666.56	-6114.93	-249.46	-3.45
			3311.32	614.07	314.20	1.188e+04	62.03	1.38

Macro	Tipo	Angolo 1-Z (gradi)
177	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
177	1	1022.50	-5046.12	71.93	-0.11	-1563.77	0.07	-0.01
177	1	1100.31	-4942.89	73.52	-0.57	-1786.89	-0.10	-0.03
177	1	1178.13	-4179.68	66.30	2.11	-1622.21	0.79	-0.06
...								
177	132	1330.75	-1833.49	-219.70	-2.95	-1005.09	0.92	-0.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

			-6655.80	-5094.29	-351.93	-4831.68	-278.05	-2.47
			443.51	4652.50	337.37	2821.51	91.83	2.13

Macro	Tipo	Angolo 1-Z (gradi)
178	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
178	1	1022.50	-449.19	-841.61	-0.03	518.71	-0.08	-0.07
178	1	1100.31	-616.50	-832.26	-0.40	583.11	-0.12	-0.06
178	1	1178.13	-940.18	-821.00	-0.01	239.06	-0.21	-0.01
...								
178	132	1330.75	-1401.24	-618.49	0.35	-243.60	-0.04	0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3072.44	-1521.62	-27.11	-696.17	-25.10	-4.68
			377.64	-109.10	27.82	1000.65	24.98	4.74

Macro	Tipo	Angolo 1-Z (gradi)
179	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
179	1	1022.50	-3880.56	-98.15	1.09	-158.52	0.42	-0.06
179	1	1100.31	-3880.56	-98.15	1.09	-158.52	0.42	-0.06
179	1	1178.13	-3287.64	-107.36	-0.30	-109.17	0.73	-0.04
...								
179	132	1330.75	-1634.25	-169.71	-1.09	214.74	0.41	1.86e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4456.44	-1902.17	-16.32	-3619.05	-12.43	-14.65
			-437.15	1561.54	19.00	4048.53	13.71	14.29

Macro	Tipo	Angolo 1-Z (gradi)
180	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
180	1	1022.50	-2655.26	235.83	0.35	39.94	0.14	-0.06
180	1	1100.31	-2655.26	235.83	0.35	39.94	0.14	-0.07
180	1	1178.13	-2134.65	225.48	-0.26	-29.02	0.17	-0.10
...								
180	132	1330.75	-867.42	122.23	0.61	-9.99	-0.23	6.45e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3358.77	-714.58	-57.98	-1379.23	-12.75	-18.22
			-140.74	957.78	59.03	1359.25	51.71	18.25

Macro	Tipo	Angolo 1-Z (gradi)
419	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
419	1	1022.50	-1.540e+04	-1738.16	0.13	406.73	0.05	-0.38
419	1	1100.31	-1.540e+04	-1738.16	0.13	406.73	0.05	-0.38

419	1	1178.13	-1.518e+04	-1738.20	1.39	23.66	0.64	-0.40
...								
419	132	1330.75	-1.136e+04	-1079.87	-2.00	-251.87	0.75	-0.24
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.654e+04	-9162.32	-207.93	-9051.85	-186.16	-3.24
			-7355.20	6778.55	203.94	1.142e+04	188.69	2.78

Macro	Tipo	Angolo 1-Z (gradi)
182	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
182	1	1022.50	-4079.98	-2.61	-0.65	-713.19	0.24	-0.36
182	1	1100.31	-4805.45	229.77	2.10	-1763.94	-0.92	-0.38
182	1	1178.13	-4131.23	192.81	1.62	-1253.10	-0.53	-0.09
...								
182	132	1330.75	-1813.33	-78.05	-0.65	-255.75	0.23	-1.93e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5991.61	-5335.48	-524.02	-7234.61	-473.71	-8.40
			-936.33	5186.81	573.41	4154.04	138.52	2.52

Macro	Tipo	Angolo 1-Z (gradi)
183	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
183	1	1022.50	-5154.61	805.42	1.53	-673.36	0.39	1.25e-03
183	1	1100.31	-4997.06	806.44	-0.25	-491.84	0.92	-0.04
183	1	1178.13	-4192.74	762.75	-1.78	-348.30	0.62	-0.20
...								
183	132	1330.75	-2074.23	454.62	0.57	196.95	-0.12	-0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7101.26	-1930.03	-110.30	-2271.29	-90.42	-5.86
			-77.55	2833.63	111.44	2665.19	90.00	5.72

Macro	Tipo	Angolo 1-Z (gradi)
458	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
458	1	1022.50	-4586.73	-547.15	-0.82	1353.83	0.17	0.34
458	1	1100.31	-4322.29	-531.29	1.26	1019.81	0.37	0.36
458	1	1178.13	-3715.17	-511.31	-0.71	967.43	0.27	0.45
...								
458	132	1330.75	-1644.41	-563.08	-0.67	573.93	0.04	0.40
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6451.31	-3013.88	-82.48	-1059.01	-73.40	-5.42
			-534.39	1917.70	81.13	2378.23	73.40	6.14

Macro	Tipo	Angolo 1-Z (gradi)
185	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
185	1	1022.50	-1912.91	226.71	0.71	-44.93	0.18	-0.27
185	1	1100.31	-2668.95	371.42	1.17	-131.01	0.57	-0.39
185	1	1178.13	-2020.69	326.48	-0.90	-99.46	0.67	-0.61
...								
185	132	1330.75	-934.96	186.88	0.15	7.47	-0.06	-0.49
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3857.35	-463.91	-40.34	-587.88	-32.63	-5.10
			828.00	843.72	40.64	602.82	33.60	4.11

Macro	Tipo	Angolo 1-Z (gradi)
186	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
186	1	1022.50	-961.83	138.63	-0.62	0.0	-0.22	-0.08
186	1	1100.31	-747.34	123.23	-0.33	3.29e-04	-0.34	-0.07
186	1	1178.13	-488.34	85.37	0.49	-11.24	-0.37	0.04
...								
186	132	1330.75	-132.71	39.27	0.05	0.0	-0.02	6.99e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1371.31	-159.32	-9.12	-31.78	-3.99	-1.70
			770.62	243.97	9.22	13.62	3.80	1.56

Macro	Tipo	Angolo 1-Z (gradi)
455	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
455	1	1022.50	-5417.57	-410.31	-0.54	1321.73	-0.02	-0.11
455	1	1100.31	-5340.07	-389.80	0.19	1202.84	-5.55e-03	-0.14
455	1	1178.13	-4647.78	-382.59	0.08	969.71	8.38e-04	-0.19
...								
455	132	1330.75	-2443.87	-542.79	-1.10	456.65	-0.02	-0.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7054.26	-3794.77	-123.18	-1811.86	-106.56	-5.61
			-1287.40	2701.80	120.98	2725.17	106.63	5.50

Macro	Tipo	Angolo 1-Z (gradi)
188	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
188	1	1022.50	-5947.60	348.98	-0.75	484.23	-0.19	-0.12
188	1	1100.31	-6888.77	784.78	0.44	163.96	1.69	-0.18
188	1	1178.13	-5636.76	747.56	-3.96	179.96	0.58	-0.38
...								
188	132	1330.75	-2297.00	213.65	1.62	201.10	-0.75	-0.30
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.120e+04	-5790.44	-571.84	-6621.32	-141.35	-2.97
			-1203.53	6217.88	522.09	6036.14	473.32	7.69

Macro	Tipo	Angolo 1-Z (gradi)
424	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
424	1	694.25	-7222.66	112.81	-34.55	466.93	-13.44	-6.84
424	1	772.06	-7222.66	112.81	-34.55	466.93	-13.44	-5.69
424	1	849.88	-7402.92	112.59	-19.98	478.09	-34.66	-1.29
...								
424	132	1002.50	-5899.16	124.39	4.33	490.41	-1.62	-0.38
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.078e+04	-1519.08	-57.39	-2093.02	-60.40	-11.47
			-2313.90	1766.31	68.38	2673.59	15.85	11.19

Macro	Tipo	Angolo 1-Z (gradi)
425	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
425	1	1022.50	-2176.08	108.70	-32.15	-405.78	-12.51	-6.98
425	1	1100.31	-2176.08	108.70	-32.15	-405.78	-12.51	-5.81
425	1	1178.13	-2329.11	107.49	-18.68	-392.29	-32.28	-1.31
...								
425	132	1330.75	-1711.83	118.31	-0.70	-159.95	0.26	0.05
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3233.15	-452.90	-56.90	-1424.27	-57.13	-11.72
			-218.11	683.10	63.30	1104.37	21.42	11.09

Macro	Tipo	Angolo 1-Z (gradi)
191	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
191	1	1022.50	-4365.42	654.27	0.02	-649.98	-0.01	-0.19
191	1	1100.31	-5351.31	1086.12	-0.15	-833.35	0.15	-0.23
191	1	1178.13	-4527.89	1030.54	-0.46	-835.68	8.66e-03	-0.24
...								
191	132	1330.75	-2132.48	548.71	0.55	-86.27	0.03	-0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6651.87	-3190.93	-147.16	-3522.83	-120.36	-5.14
			-1084.22	4273.31	148.25	1955.35	120.14	5.03

Macro	Tipo	Angolo 1-Z (gradi)
192	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
192	1	1022.50	47.78	288.31	-49.63	-222.81	-18.04	-8.89
192	1	1100.31	-185.45	275.91	-49.45	-275.54	-15.19	-7.63
192	1	1178.13	-196.08	278.32	-15.80	-165.92	-39.38	-1.69
...								
192	132	1330.75	-444.22	234.47	-0.88	24.99	0.11	0.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1640.45	-348.71	-82.46	-424.71	-65.56	-15.05
			1231.63	812.48	84.71	325.31	23.62	15.26

Macro	Tipo	Angolo 1-Z (gradi)
429	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
429	1	1022.50	-1230.36	-546.68	-48.82	386.36	-18.99	9.92
429	1	1100.31	-1230.36	-546.68	-48.82	386.36	-18.99	8.27
429	1	1178.13	-1558.58	-543.21	-16.64	177.90	-44.46	1.70
...								
429	132	1330.75	-1600.68	-366.65	1.99	-153.00	-0.74	0.19
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2367.73	-1652.48	-80.87	-2255.23	-73.81	-16.91
			322.60	545.30	81.06	1949.23	33.89	16.96

Macro	Tipo	Angolo 1-Z (gradi)
194	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
194	1	1022.50	-1774.24	-60.52	-78.48	78.05	-30.53	-0.04
194	1	1100.31	-1774.24	-60.52	-78.48	78.05	-30.53	-0.04
194	1	1178.13	-1668.98	-60.52	-25.48	31.78	-70.98	-0.04
...								
194	132	1330.75	-1116.53	-28.25	0.0	-22.47	0.0	4.60e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2068.66	-421.33	-130.80	-579.44	-118.30	-0.37
			-493.64	364.83	132.50	534.49	35.07	0.38

Macro	Tipo	Angolo 1-Z (gradi)
195	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
195	1	1022.50	-1661.76	-210.32	-78.48	195.26	-30.53	-0.05
195	1	1100.31	-1661.76	-210.32	-78.48	195.26	-30.53	-0.05
195	1	1178.13	-1556.50	-210.32	-25.48	34.45	-70.98	-0.05
...								
195	132	1330.75	-1039.02	-144.76	0.0	-197.81	0.0	-0.05
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1741.96	-622.42	-130.80	-809.73	-118.30	-0.46
			-800.97	236.29	132.50	609.87	33.51	0.35

Macro	Tipo	Angolo 1-Z (gradi)
428	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
428	1	1022.50	-1489.57	-415.26	-5.94	724.60	-2.31	-2.20
428	1	1100.31	-1489.57	-415.26	-5.94	724.60	-2.31	-1.87
428	1	1178.13	-1788.70	-413.05	-7.30	371.38	-7.46	-0.51
...								
428	132	1330.75	-1604.80	-293.32	-0.69	-213.43	0.26	-0.11
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

			-2484.70	-1104.24	-17.12	-1262.61	-13.04	-3.64
			-775.94	215.86	15.74	1447.11	9.96	3.51

Macro	Tipo	Angolo 1-Z (gradi)
435	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
435	1	1022.50	-1834.61	-77.31	-78.48	106.20	-30.53	1.89
435	1	1100.31	-1834.61	-77.31	-78.48	106.20	-30.53	2.36
435	1	1178.13	-1340.71	-72.06	-20.28	-30.87	-43.66	-1.48
...								
435	132	1330.75	-1141.24	-42.38	0.0	-37.61	0.0	-0.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2114.40	-440.02	-130.80	-556.18	-116.97	-2.46
			-623.56	323.97	132.50	490.13	35.94	4.10

Macro	Tipo	Angolo 1-Z (gradi)
198	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
198	1	1022.50	-1644.47	-192.55	-78.48	175.77	-30.53	0.24
198	1	1100.31	-1644.47	-192.55	-78.48	175.77	-30.53	0.24
198	1	1178.13	-1539.21	-192.55	-25.48	28.55	-70.98	0.24
...								
198	132	1330.75	-1032.89	-131.28	0.0	-181.33	0.0	0.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1735.28	-611.65	-130.80	-802.32	-118.30	-0.05
			-751.53	275.95	132.50	592.72	36.46	0.42

Macro	Tipo	Angolo 1-Z (gradi)
422	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
422	1	1022.50	-1173.44	-200.50	-34.08	99.00	-13.26	-6.87
422	1	1100.31	-1173.44	-200.50	-34.08	99.00	-13.26	-5.77
422	1	1178.13	-1442.65	-199.79	-6.35	-178.32	-28.99	-1.25
...								
422	132	1330.75	-1509.30	-112.75	2.96	-477.24	-1.11	-0.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3401.53	-1203.20	-55.62	-2744.67	-49.05	-11.71
			1485.71	782.95	60.66	1790.18	29.08	11.80

Macro	Tipo	Angolo 1-Z (gradi)
200	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
200	1	694.25	-1.042e+04	866.19	-0.26	1423.00	1.12e-03	-0.15
200	1	772.06	-1.331e+04	1255.37	1.01	489.32	1.25	-0.15

200	1	849.88	-1.155e+04	1218.39	-3.17	403.07	0.43	-0.29
...								
200	132	1002.50	-6714.05	251.10	1.62	-550.07	-0.57	0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.255e+04	-1.149e+04	-582.79	-2.295e+04	-117.94	-2.79
			-242.00	1.199e+04	527.06	2.041e+04	478.95	7.07

Macro	Tipo	Angolo 1-Z (gradi)
201	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
201	1	694.25	-3587.57	-723.17	-69.75	445.43	-24.52	9.87
201	1	772.06	-3134.90	-732.80	-36.85	317.88	-20.56	8.40
201	1	849.88	-3790.92	-724.15	-22.17	71.45	-53.70	1.83
...								
201	132	1002.50	-3761.81	-524.94	0.19	-384.35	0.18	-0.10
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9380.70	-2102.51	-117.46	-1113.84	-89.46	-16.82
			2937.80	1072.02	119.15	1575.23	26.75	16.54

Macro	Tipo	Angolo 1-Z (gradi)
421	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
421	1	694.25	-8303.02	-182.47	-33.27	997.43	-12.94	-7.00
421	1	772.06	-8303.02	-182.47	-33.27	997.43	-12.94	-5.90
421	1	849.88	-8572.87	-181.22	-6.87	733.88	-28.56	-1.37
...								
421	132	1002.50	-7413.33	-92.43	-1.34	191.57	0.50	-0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.383e+04	-2402.43	-54.15	-3593.70	-46.90	-11.76
			-189.60	2216.00	52.33	4860.75	16.97	11.70

Macro	Tipo	Angolo 1-Z (gradi)
203	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
203	1	694.25	-7382.64	-149.00	-78.48	181.18	-30.53	-0.03
203	1	772.06	-7382.64	-149.00	-78.48	181.18	-30.53	-0.03
203	1	849.88	-7277.38	-149.00	-25.48	67.25	-70.98	-0.03
...								
203	132	1002.50	-5705.48	-96.77	0.0	-105.92	0.0	-8.87e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.087e+04	-870.49	-130.80	-903.23	-118.30	-0.47
			-1906.09	676.95	132.50	1039.72	35.66	0.45

Macro	Tipo	Angolo 1-Z (gradi)
204	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
204	1	694.25	-7588.66	-88.43	-78.48	160.08	-30.53	-7.66e-03
204	1	772.06	-7588.66	-88.43	-78.48	160.08	-30.53	-7.65e-03
204	1	849.88	-7483.39	-88.43	-25.48	92.47	-70.98	-7.70e-03
...								
204	132	1002.50	-5845.76	-50.62	0.0	-16.35	0.0	-4.87e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.134e+04	-805.46	-130.80	-817.63	-118.30	-0.60
			-1980.01	704.22	132.50	1015.73	32.64	0.59

Macro	Tipo	Angolo 1-Z (gradi)
427	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
427	1	694.25	-5218.42	-437.03	-6.03	579.15	-2.35	-1.98
427	1	772.06	-5218.42	-437.03	-6.03	579.15	-2.35	-1.65
427	1	849.88	-5518.96	-435.33	-7.92	208.83	-7.77	-0.30
...								
427	132	1002.50	-4855.72	-306.27	0.71	-383.42	-0.27	0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9344.26	-1617.97	-13.38	-1479.95	-13.24	-3.53
			-1272.80	1005.48	11.98	2245.34	4.15	3.55

Macro	Tipo	Angolo 1-Z (gradi)
206	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
206	1	694.25	-7529.28	-161.64	-78.48	193.44	-30.53	-0.02
206	1	772.06	-7529.28	-161.64	-78.48	193.44	-30.53	-0.02
206	1	849.88	-7424.01	-161.64	-25.48	69.85	-70.98	-0.02
...								
206	132	1002.50	-5809.74	-107.40	0.0	-120.54	0.0	-6.53e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.105e+04	-859.67	-130.80	-880.11	-118.30	-0.58
			-1948.45	644.86	132.50	1037.23	32.05	0.57

Macro	Tipo	Angolo 1-Z (gradi)
207	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
207	1	694.25	-7671.35	-73.98	-78.48	148.51	-30.53	-9.75e-03
207	1	772.06	-7671.35	-73.98	-78.48	148.51	-30.53	-9.75e-03
207	1	849.88	-7566.09	-73.98	-25.48	91.94	-70.98	-9.81e-03
...								
207	132	1002.50	-5905.09	-39.54	0.0	-0.25	0.0	-7.60e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.153e+04	-802.56	-130.80	-826.70	-118.30	-0.59
			-1940.98	723.47	132.50	1006.45	34.40	0.57

Macro	Tipo	Angolo 1-Z (gradi)
431	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
431	1	694.25	-8525.86	-527.90	-48.74	517.37	-18.96	9.98
431	1	772.06	-8525.86	-527.90	-48.74	517.37	-18.96	8.33
431	1	849.88	-8903.43	-524.58	-17.72	343.11	-44.82	1.81
...								
431	132	1002.50	-7661.18	-345.79	-1.03	-93.58	0.38	0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.417e+04	-2715.34	-80.78	-4160.16	-74.44	-16.95
			-1949.77	2023.19	78.93	4718.90	18.16	16.91

Macro	Tipo	Angolo 1-Z (gradi)
209	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
209	1	694.25	-3329.78	304.27	-49.56	-135.60	-17.95	-8.98
209	1	772.06	-2858.78	321.75	-49.35	-29.14	-15.06	-7.69
209	1	849.88	-3345.52	311.22	-16.21	52.52	-39.31	-1.70
...								
209	132	1002.50	-3150.95	264.76	-0.37	188.82	0.11	0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7792.15	-882.04	-82.46	-933.91	-65.49	-15.01
			2183.28	1378.13	83.61	838.18	17.08	15.03

Macro	Tipo	Angolo 1-Z (gradi)
210	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
210	1	694.25	-5291.57	268.52	-0.56	89.75	-0.22	-0.12
210	1	772.06	-5291.57	268.52	-0.56	89.75	-0.22	-0.11
210	1	849.88	-4829.33	258.23	-0.20	-20.71	-0.51	-0.07
...								
210	132	1002.50	-2956.56	112.97	1.61	-86.59	-0.60	0.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6724.03	-1348.93	-58.65	-1828.18	-11.07	-18.29
			-1316.98	1571.95	57.78	1747.10	50.99	18.33

Macro	Tipo	Angolo 1-Z (gradi)
211	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
211	1	694.25	-7605.94	901.88	0.24	-641.11	0.07	9.01e-03
211	1	772.06	-1.000e+04	1302.92	0.25	-2063.87	0.47	0.03
211	1	849.88	-8973.55	1240.17	-0.28	-1962.85	0.64	-0.07
...								
211	132	1002.50	-5412.06	468.82	-0.28	-1356.70	0.08	-0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.265e+04	-7388.30	-123.24	-1.768e+04	-101.65	-3.93
			297.46	8323.35	122.69	1.236e+04	102.17	3.80

Macro	Tipo	Angolo 1-Z (gradi)
212	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
212	1	694.25	-1677.20	135.03	0.07	0.0	0.05	0.05
212	1	772.06	-1571.89	126.04	0.09	-2.49e-04	0.05	0.05
212	1	849.88	-1231.07	86.08	0.35	-16.13	0.24	0.08
...								
212	132	1002.50	-711.12	45.07	-0.68	0.0	0.22	-0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2402.76	-260.25	-7.85	-37.75	-2.20	-1.31
			814.40	324.78	6.49	19.30	3.02	1.37

Macro	Tipo	Angolo 1-Z (gradi)
213	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
213	1	694.25	-1.228e+04	-1312.08	-36.24	-635.81	-13.11	-0.01
213	1	772.06	-1.257e+04	-1327.27	-31.91	-869.37	-12.48	-0.03
213	1	849.88	-1.187e+04	-1378.48	-12.18	-715.38	-30.32	-0.04
...								
213	132	1002.50	-6542.27	-764.37	0.60	-397.53	-0.34	0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.879e+04	-7202.89	-272.25	-7865.83	-70.82	-2.85
			-1373.36	5295.78	301.30	5733.23	252.46	6.04

Macro	Tipo	Angolo 1-Z (gradi)
418	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
418	1	694.25	-4.278e+04	-1906.12	-0.04	1.695e+04	-0.02	-0.09
418	1	772.06	-4.278e+04	-1906.12	-0.04	1.695e+04	-0.02	-0.10
418	1	849.88	-4.244e+04	-1905.57	0.39	1.626e+04	0.12	-0.10
...								
418	132	1002.50	-3.259e+04	-1179.22	-0.40	9992.81	0.15	-0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.634e+04	-1.579e+04	-178.85	-3.166e+04	-156.93	-4.67
			-1.331e+04	1.343e+04	178.05	5.376e+04	157.38	4.64

Macro	Tipo	Angolo 1-Z (gradi)
456	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
456	1	694.25	-9577.68	79.64	-0.35	1984.75	0.13	-0.22
456	1	772.06	-9923.01	83.66	0.93	2514.59	0.20	-0.24
456	1	849.88	-9136.20	75.11	0.10	1898.01	0.37	-0.24
...								
456	132	1002.50	-6359.76	-410.56	0.15	356.83	0.06	-0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-1.539e+04	-6564.55	-92.27	-5941.16	-83.37	-5.37
		-894.06	5830.69	92.57	8512.18	83.80	5.07

Macro	Tipo	Angolo 1-Z (gradi)
216	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
216	1	694.25	-3661.76	232.10	0.53	-38.29	0.12	-0.49
216	1	772.06	-5073.07	367.13	0.94	-185.81	0.35	-0.68
216	1	849.88	-4360.94	317.43	-0.80	-126.56	0.38	-0.84
...								
216	132	1002.50	-2750.67	141.67	0.92	3.76	-0.20	-0.59
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7198.49	-1196.51	-30.95	-1367.14	-25.96	-4.75
			-1154.55	1491.93	32.79	898.84	25.51	3.58

Macro	Tipo	Angolo 1-Z (gradi)
217	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
217	1	694.25	-9480.67	-113.03	0.13	1511.26	0.33	0.79
217	1	772.06	-9453.19	-110.52	1.33	1476.57	0.45	0.82
217	1	849.88	-8841.34	-109.47	-0.60	1139.92	0.54	0.95
...								
217	132	1002.50	-5928.59	-418.47	-0.55	24.31	-0.01	0.85
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.540e+04	-5058.90	-65.60	-3858.04	-54.59	-4.00
			-2131.56	4358.01	64.50	5356.35	54.68	5.53

Macro	Tipo	Angolo 1-Z (gradi)
218	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
218	1	694.25	-8929.77	841.90	1.70	-1622.60	0.43	0.09
218	1	772.06	-9518.23	863.03	-0.19	-2300.52	0.97	0.05
218	1	849.88	-8291.55	808.13	-1.52	-1819.04	0.81	-0.15
...								
218	132	1002.50	-5028.56	342.57	0.84	-824.87	-0.21	0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.326e+04	-5230.38	-91.92	-1.026e+04	-77.09	-5.51
			-2491.89	5885.27	93.61	5794.87	76.48	5.55

Macro	Tipo	Angolo 1-Z (gradi)
219	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
219	1	694.25	-7016.38	59.04	0.73	105.18	0.28	-0.06
219	1	772.06	-7016.38	59.04	0.73	105.18	0.28	-0.06

219	1	849.88	-6435.27	49.48	-0.15	33.93	0.51	-0.05
...								
219	132	1002.50	-4132.79	-133.36	0.01	49.23	-4.85e-03	-0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8325.83	-3620.73	-13.51	-5749.91	-11.48	-14.48
			-2183.39	3353.71	13.66	5357.51	11.87	14.37

Macro	Tipo	Angolo 1-Z (gradi)
220	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
220	1	694.25	-6907.51	370.93	-0.50	-1249.70	0.18	3.11e-03
220	1	772.06	-9155.40	577.44	1.32	-3924.25	-0.03	0.05
220	1	849.88	-8036.00	535.99	1.44	-2949.15	0.65	0.12
...								
220	132	1002.50	-5027.93	-73.00	-2.37	-1923.32	0.45	-0.22
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.716e+04	-1.095e+04	-527.64	-2.390e+04	-477.96	-7.18
			2127.49	1.082e+04	583.10	1.590e+04	120.59	2.60

Macro	Tipo	Angolo 1-Z (gradi)
221	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
221	1	694.25	-4505.92	46.87	0.22	341.27	0.28	-0.14
221	1	772.06	-4606.02	41.93	1.64	415.05	0.45	-0.10
221	1	849.88	-4200.87	35.35	-0.94	230.04	0.37	0.02
...								
221	132	1002.50	-2604.92	-141.93	-0.05	-81.56	-0.15	-0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7748.80	-2928.75	-212.00	-3613.03	-42.76	-17.60
			190.00	2649.18	209.85	3777.42	178.56	17.48

Macro	Tipo	Angolo 1-Z (gradi)
222	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
222	1	694.25	-1.554e+04	874.40	2.19	744.83	0.94	0.03
222	1	772.06	-1.558e+04	879.74	2.06	-506.17	0.99	2.89e-03
222	1	849.88	-1.424e+04	872.39	-3.31	4.27	0.64	-0.06
...								
222	132	1002.50	-8624.43	10.56	3.53	-36.80	-1.23	0.10
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.149e+04	-9423.60	-58.53	-9277.46	-47.42	-1.60
			-3885.40	9358.81	65.60	7844.61	44.32	1.81

Macro	Tipo	Angolo 1-Z (gradi)
223	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
223	1	694.25	-4820.86	-816.71	-19.32	262.14	-7.10	2.05
223	1	772.06	-4890.82	-814.59	-14.76	298.41	-6.68	1.75
223	1	849.88	-5064.73	-809.57	-6.05	-39.70	-16.13	0.35
...								
223	132	1002.50	-4448.40	-634.51	3.94e-04	-456.92	-0.02	1.52e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7689.08	-2335.05	-163.78	-1300.80	-26.88	-17.59
			-950.77	1081.15	162.79	1668.04	133.82	17.65

Macro	Tipo	Angolo 1-Z (gradi)
224	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
224	1	694.25	-6895.48	160.74	-18.93	211.22	-6.81	-1.99
224	1	772.06	-6724.59	167.99	-17.71	296.00	-6.45	-1.70
224	1	849.88	-6753.08	163.88	-6.13	318.97	-15.65	-0.37
...								
224	132	1002.50	-3788.32	115.91	0.06	156.34	-0.03	-0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.004e+04	-1207.16	-129.16	-1277.61	-25.89	-11.23
			-1434.66	1511.46	154.51	1635.59	128.50	16.89

Macro	Tipo	Angolo 1-Z (gradi)
225	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
225	1	694.25	-5917.68	411.83	1.28	-96.74	0.35	0.20
225	1	772.06	-5828.52	405.62	0.83	-48.18	0.51	0.15
225	1	849.88	-5370.38	405.47	-0.89	-136.27	0.52	-0.02
...								
225	132	1002.50	-3192.22	263.24	0.33	-106.11	-0.26	0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8691.18	-1657.28	-28.82	-1308.55	-24.27	-3.93
			-142.15	2039.85	29.48	1065.33	24.38	4.09

Macro	Tipo	Angolo 1-Z (gradi)
226	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
226	1	694.25	-8476.68	-941.90	-37.14	1515.36	-12.65	-0.04
226	1	772.06	-8255.10	-920.55	-27.07	2051.25	-11.60	-0.05
226	1	849.88	-8219.61	-906.16	-11.54	1576.42	-28.75	-0.06
...								
226	132	1002.50	-6203.80	-469.46	0.68	810.57	-0.14	-0.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.478e+04	-6643.22	-312.81	-4584.54	-62.49	-3.05
			2276.25	5599.51	310.08	7868.89	237.33	2.86

Macro	Tipo	Angolo 1-Z (gradi)
227	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
227	1	694.25	-8646.81	351.22	1.94	-2175.45	1.01	-0.01
227	1	772.06	-8709.99	349.26	2.89	-2038.84	1.02	-0.04
227	1	849.88	-7882.43	343.53	2.23	-2157.25	2.90	-0.07
...								
227	132	1002.50	-5062.60	-246.70	-2.35	-2239.22	1.13	-0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.517e+04	-1.006e+04	-357.12	-2.142e+04	-284.92	-2.68
			1387.34	9574.01	358.50	1.604e+04	82.22	2.57

Macro	Tipo	Angolo 1-Z (gradi)
228	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
228	1	694.25	-1.104e+04	405.52	5.00	-1970.15	2.16	-0.26
228	1	772.06	-1.105e+04	404.36	6.06	-1964.54	2.24	-0.25
228	1	849.88	-1.006e+04	383.36	-7.93	-1820.71	1.31	-0.15
...								
228	132	1002.50	-6088.97	-136.82	6.85	-1359.99	-2.54	4.04e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.486e+04	-6354.97	-41.77	-1.228e+04	-38.06	-1.50
			-3108.40	6079.14	55.46	8093.20	31.62	1.37

Macro	Tipo	Angolo 1-Z (gradi)
229	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
229	1	694.25	-3655.83	-796.46	0.02	334.47	-0.03	-0.06
229	1	772.06	-3663.74	-795.32	-0.13	337.51	-0.04	-0.06
229	1	849.88	-4028.90	-782.48	-0.19	17.21	-0.15	-0.03
...								
229	132	1002.50	-3798.00	-591.98	-0.07	-418.40	0.04	-9.44e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6581.73	-1637.08	-24.41	-847.36	-20.22	-4.25
			-971.34	467.81	24.26	1036.53	20.21	4.20

Macro	Tipo	Angolo 1-Z (gradi)
230	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
230	1	694.25	-1.649e+04	216.53	0.19	4745.30	0.08	-0.12
230	1	772.06	-1.602e+04	232.94	0.14	5397.54	0.11	-0.11
230	1	849.88	-1.606e+04	225.21	-0.18	5002.46	0.12	-0.08
...								
230	132	1002.50	-1.220e+04	278.36	-0.14	3350.73	0.04	-0.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.377e+04	-4725.39	-129.51	-4200.11	-110.56	-5.28
			-4710.05	5251.47	129.22	1.208e+04	110.69	5.25

Macro	Tipo	Angolo 1-Z (gradi)
231	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
231	1	694.25	-2487.19	-77.90	-0.38	0.0	0.19	-0.12
231	1	772.06	-2054.15	-62.25	2.90	0.0	0.64	-0.09
231	1	849.88	-2157.05	-78.60	-1.04	-16.47	0.43	0.11
...								
231	132	1002.50	-1181.38	-83.85	-0.18	0.0	-0.05	-0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4771.21	-344.28	-8.52	-31.27	-8.19	-2.80
			507.18	175.87	10.86	75.79	7.99	2.59

Macro	Tipo	Angolo 1-Z (gradi)
232	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
232	1	694.25	-2075.63	48.48	0.05	0.0	0.03	0.03
232	1	772.06	-2087.50	48.08	0.16	0.0	-0.03	0.04
232	1	849.88	-1910.56	42.51	0.49	-8.93	0.19	0.06
...								
232	132	1002.50	-1311.81	21.78	-0.40	0.0	0.12	-0.10
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3439.52	-329.46	-20.02	-67.86	-7.42	-2.55
			187.69	362.55	19.23	47.52	8.17	2.59

Macro	Tipo	Angolo 1-Z (gradi)
233	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
233	1	694.25	-5026.26	-602.23	-27.36	402.24	-9.52	2.16
233	1	772.06	-5180.10	-596.84	-17.65	506.06	-8.58	1.83
233	1	849.88	-5014.27	-596.23	-9.20	159.67	-21.68	0.28
...								
233	132	1002.50	-3667.78	-496.77	-0.29	-314.05	-0.13	0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8086.60	-2800.45	-224.82	-2629.94	-63.99	-17.70
			798.26	1807.45	223.69	3251.38	184.46	17.92

Macro	Tipo	Angolo 1-Z (gradi)
234	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
234	1	694.25	-7207.78	-318.91	-31.45	656.28	-12.23	-0.06
234	1	772.06	-7207.78	-318.91	-31.45	656.28	-12.23	-0.06
234	1	849.88	-6996.88	-318.91	-10.21	409.79	-28.44	-0.05
...								
234	132	1002.50	-5024.88	-234.67	3.03e-05	-63.38	-1.13e-05	-0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-8965.48	-1983.10	-265.47	-2393.05	-91.41	-0.90
		-2078.44	1513.76	262.05	3347.75	237.01	0.85

Macro	Tipo	Angolo 1-Z (gradi)
235	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
235	1	694.25	-4027.53	-81.99	-10.84	-58.71	-3.96	-1.93
235	1	772.06	-3264.77	-65.45	-11.02	129.30	-3.19	-1.63
235	1	849.88	-3516.43	-73.29	-4.04	80.66	-8.73	-0.30
...								
235	132	1002.50	-2217.18	-31.96	0.38	66.77	-0.11	-0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6411.24	-881.34	-95.61	-506.46	-16.85	-15.84
			1406.91	798.08	94.03	721.52	74.14	15.66

Macro	Tipo	Angolo 1-Z (gradi)
236	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
236	1	694.25	-1.016e+04	-631.87	-13.59	2536.55	-4.28	-0.19
236	1	772.06	-7583.17	-603.32	-8.79	1395.68	-3.28	-0.47
236	1	849.88	-9769.32	-620.39	-2.04	1921.50	-9.49	1.74e-03
...								
236	132	1002.50	-6840.28	-427.01	2.56	709.51	-0.62	-0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.359e+04	-4915.05	-112.68	-5337.43	-16.37	-2.11
			256.08	4055.97	112.07	9449.91	77.35	4.39

Macro	Tipo	Angolo 1-Z (gradi)
237	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
237	1	694.25	-5905.00	-243.82	-28.11	483.12	-10.94	-0.02
237	1	772.06	-5905.00	-243.82	-28.11	483.12	-10.94	-0.03
237	1	849.88	-5716.44	-243.82	-9.13	294.97	-25.43	-0.05
...								
237	132	1002.50	-4075.35	-178.32	3.04e-05	-63.33	-1.13e-05	-0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7381.35	-1627.31	-237.34	-1814.46	-75.85	-0.77
			-1710.28	1270.67	234.29	2508.27	211.90	0.72

Macro	Tipo	Angolo 1-Z (gradi)
238	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
238	1	694.25	-5084.37	-40.14	-24.65	551.29	-9.02	-2.12
238	1	772.06	-4741.77	-29.12	-23.28	766.60	-8.44	-1.83

238	1	849.88	-4739.96	-33.72	-7.53	649.00	-20.38	-0.40
...								
238	132	1002.50	-3266.84	30.47	0.26	377.82	-0.09	-0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8372.54	-1892.40	-207.83	-2280.15	-55.63	-18.10
			1651.53	1935.51	203.55	3480.25	168.59	17.87

Macro	Tipo	Angolo 1-Z (gradi)
239	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
239	1	1012.50	-1737.67	122.20	-108.38	129.35	5.42	-0.68
239	1	1022.50	-1737.67	122.20	-108.38	129.35	5.42	-0.56
239	2	1012.50	-1922.76	607.32	-108.38	602.05	5.42	-0.91
...								
239	132	1022.50	-1328.55	66.95	0.0	77.35	0.0	-0.34
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1953.27	-707.34	-180.64	-287.59	-4.41	-15.83
			-958.01	841.24	73.76	624.50	9.03	15.03

Macro	Tipo	Angolo 1-Z (gradi)
240	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
240	1	1012.50	-1861.64	232.81	-45.15	-390.65	2.26	10.37
240	1	1022.50	-1861.64	232.81	-45.15	-390.65	2.26	5.66
240	2	1012.50	-1630.49	677.04	-36.79	159.68	1.84	16.35
...								
240	132	1022.50	-1546.01	156.20	10.39	-366.47	-0.52	7.58
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3324.65	-640.11	-93.02	-641.98	-2.71	-25.48
			232.62	952.51	31.68	479.56	4.65	44.00

Macro	Tipo	Angolo 1-Z (gradi)
241	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
241	1	1012.50	-1203.20	113.49	2.51	904.61	-0.13	-7.61
241	1	1022.50	-1203.20	113.49	2.51	904.61	-0.13	-7.47
241	2	1012.50	-822.00	429.21	11.66	1878.56	-0.58	-15.59
...								
241	132	1022.50	-888.09	53.83	9.36	654.34	-0.47	-6.91
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1541.70	-808.95	-27.49	67.32	-2.66	-32.23
			-234.48	916.62	46.21	1882.16	1.72	16.96

Macro	Tipo	Angolo 1-Z (gradi)
242	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
242	1	1012.50	-1587.48	278.47	-108.38	261.18	5.42	-0.37
242	1	1022.50	-1587.48	278.47	-108.38	261.18	5.42	-0.30
242	2	1012.50	-1548.44	822.80	-108.38	788.37	5.42	-0.86
...								
242	132	1022.50	-1218.42	188.27	0.0	177.91	0.0	-0.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1640.46	-542.25	-180.64	-202.50	-3.93	-13.72
			-1003.29	918.80	64.80	803.15	9.03	13.29

Macro	Tipo	Angolo 1-Z (gradi)
243	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
243	1	1012.50	-1687.30	94.14	-108.38	96.27	5.42	-0.35
243	1	1022.50	-1687.30	94.14	-108.38	96.27	5.42	-0.28
243	2	1012.50	-1865.52	558.35	-108.38	545.49	5.42	-0.78
...								
243	132	1022.50	-1287.25	48.80	0.0	50.19	0.0	-0.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1913.17	-789.10	-180.64	-341.66	-4.27	-14.23
			-1026.07	886.71	71.54	566.66	9.03	13.85

Macro	Tipo	Angolo 1-Z (gradi)
244	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
244	1	1012.50	-862.63	-441.16	-63.35	468.30	3.17	0.46
244	1	1022.50	-862.63	-441.16	-63.35	468.30	3.17	3.88
244	2	1012.50	-100.14	-655.13	-62.46	1878.93	3.12	1.11
...								
244	132	1022.50	-663.22	-335.05	1.04	280.98	-0.05	0.27
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2225.61	-832.84	-107.39	-273.70	-1.28	-9.43
			899.16	162.74	19.91	1878.93	5.37	10.06

Macro	Tipo	Angolo 1-Z (gradi)
245	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
245	1	1012.50	20.17	189.32	-72.07	-321.73	3.60	0.49
245	1	1022.50	20.17	189.32	-72.07	-321.73	3.60	-2.98
245	2	1012.50	170.18	387.27	-72.67	-303.75	3.63	1.15
...								
245	132	1022.50	17.07	124.68	0.31	-274.24	-0.02	0.27
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1495.33	-205.69	-120.69	-479.10	-1.16	-8.79
			1529.47	455.04	23.25	-25.23	6.03	9.33

Macro	Tipo	Angolo 1-Z (gradi)
246	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
246	1	1012.50	-3014.52	199.45	-1.46	48.99	0.07	0.43
246	1	1022.50	-3014.52	199.45	-1.46	48.99	0.07	0.35
246	2	1012.50	-3673.38	233.28	-1.55	156.49	0.08	1.04
...								
246	132	1022.50	-2371.90	222.14	-1.23	-9.60	0.06	0.21
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3824.31	-810.95	-57.31	-634.52	-4.56	-7.83
			-1164.82	1255.22	91.19	615.31	4.56	8.39

Macro	Tipo	Angolo 1-Z (gradi)
247	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
247	1	1012.50	-5963.02	1203.73	-1.28	-1179.62	0.06	-3.07
247	1	1022.50	-5963.02	1203.73	-1.28	-1179.62	0.06	-3.06
247	2	1012.50	-7478.38	1927.46	-4.29	-1211.62	0.21	-6.99
...								
247	132	1022.50	-4590.04	698.07	-1.04	-1231.35	0.05	-2.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7478.38	-1964.66	-165.60	-5096.21	-10.10	-85.44
			-2510.58	3360.80	163.51	2633.51	10.20	81.10

Macro	Tipo	Angolo 1-Z (gradi)
248	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
248	1	1012.50	-1100.56	-99.23	-5.17	24.38	0.26	-2.68
248	1	1022.50	-1100.56	-99.23	-5.17	24.38	0.26	-0.66
248	2	1012.50	-1480.00	-121.07	-17.99	24.68	0.90	-7.93
...								
248	132	1022.50	-763.59	-28.02	-4.79	9.49	0.24	-0.61
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1480.00	-530.49	-19.62	-45.54	-0.08	-8.17
			-158.38	474.45	1.59	64.51	0.98	2.36

Macro	Tipo	Angolo 1-Z (gradi)
249	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
249	1	1012.50	-9184.22	-3610.09	-50.66	992.62	2.53	-2.42
249	1	1022.50	-9184.22	-3610.09	-50.66	992.62	2.53	-2.39
249	2	1012.50	-1.008e+04	-8753.17	-51.22	1.004e+04	2.56	-6.09
...								
249	132	1022.50	-6833.80	-2665.90	0.82	202.17	-0.04	-1.53
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.075e+04	-9181.08	-191.58	-6594.23	-22.62	-118.65
			-2914.99	2284.43	452.32	1.023e+04	10.21	115.66

Macro	Tipo	Angolo 1-Z (gradi)
250	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
250	1	1012.50	-1.542e+04	-1841.33	1.65	381.76	-0.08	-4.83
250	1	1022.50	-1.542e+04	-1841.33	1.65	381.76	-0.08	-4.75
250	2	1012.50	-1.610e+04	-7744.78	1.20	1.396e+04	-0.06	-9.15
...								
250	132	1022.50	-1.189e+04	-1226.39	0.28	-127.54	-0.01	-3.76
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.624e+04	-8151.42	-244.58	-1.224e+04	-15.90	-184.71
			-9185.71	5017.93	245.14	1.482e+04	15.87	177.06

Macro	Tipo	Angolo 1-Z (gradi)
251	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
251	1	1012.50	-1.510e+04	351.65	-39.02	3029.29	1.95	-2.68
251	1	1022.50	-1.510e+04	351.65	-39.02	3029.29	1.95	3.09
251	2	1012.50	-1.946e+04	630.99	-86.08	6240.18	4.30	-3.01
...								
251	132	1022.50	-1.173e+04	-426.42	-32.43	1180.56	1.62	2.65
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.962e+04	-9023.01	-252.51	-9385.49	-8.76	-26.76
			-6767.05	8170.16	187.65	1.175e+04	12.00	27.82

Macro	Tipo	Angolo 1-Z (gradi)
252	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
252	1	1012.50	-2888.98	391.96	30.41	-121.67	-1.52	40.05
252	1	1022.50	-2888.98	391.96	30.41	-121.67	-1.52	35.40
252	2	1012.50	-3973.42	598.18	54.72	-271.83	-2.74	73.21
...								
252	132	1022.50	-2300.55	288.07	27.96	-134.99	-1.40	32.16
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4017.55	88.12	-21.40	-365.52	-3.91	6.27
			-1179.54	598.18	77.33	95.54	1.12	73.98

Macro	Tipo	Angolo 1-Z (gradi)
253	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
253	1	1012.50	-5034.02	-711.20	15.76	1457.95	-0.79	-47.08
253	1	1022.50	-5034.02	-711.20	15.76	1457.95	-0.79	-45.51
253	2	1012.50	-6937.94	-1162.15	30.08	2550.79	-1.50	-91.82
...								
253	132	1022.50	-3971.94	-594.64	13.99	1117.00	-0.70	-41.25
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

			-7298.98	-2234.42	-88.79	-36.47	-6.25	-92.27
			-2074.61	1045.14	116.78	2550.79	4.85	-8.11

Macro	Tipo	Angolo 1-Z (gradi)
254	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
254	1	1012.50	-5614.12	877.32	-1.35	-812.11	0.07	-1.50
254	1	1022.50	-5614.12	877.32	-1.35	-812.11	0.07	-1.55
254	2	1012.50	-7556.45	1190.51	-4.70	-1494.02	0.23	-4.94
...								
254	132	1022.50	-4388.22	557.05	-0.85	-729.37	0.04	-1.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7556.45	-979.44	-112.37	-1756.82	-6.32	-54.84
			-2327.98	2093.54	110.67	210.67	6.40	52.79

Macro	Tipo	Angolo 1-Z (gradi)
255	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
255	1	1012.50	-4256.89	-102.80	0.58	-178.05	-0.03	0.63
255	1	1022.50	-4256.89	-102.80	0.58	-178.05	-0.03	0.51
255	2	1012.50	-4925.90	-175.11	1.99	-481.29	-0.10	0.33
...								
255	132	1022.50	-3294.91	-68.63	0.81	-169.86	-0.04	0.40
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4949.72	-353.61	-44.25	-1052.26	-1.92	-35.26
			-1968.34	216.36	8.48	712.54	2.21	36.17

Macro	Tipo	Angolo 1-Z (gradi)
256	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
256	1	1012.50	-5456.07	226.66	-3.04	-1809.02	0.15	-5.34
256	1	1022.50	-5456.07	226.66	-3.04	-1809.02	0.15	-5.30
256	2	1012.50	-4177.16	-366.01	-7.73	-5356.60	0.39	-10.06
...								
256	132	1022.50	-4446.80	-76.54	-1.96	-1633.55	0.10	-3.77
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6958.59	-5363.98	-787.62	-7473.08	-9.17	-131.02
			-1828.71	5210.90	166.41	4205.97	39.38	123.47

Macro	Tipo	Angolo 1-Z (gradi)
257	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
257	1	1012.50	-1.298e+04	-3005.18	-46.05	8859.12	2.30	3.74
257	1	1022.50	-1.298e+04	-3005.18	-46.05	8859.12	2.30	3.89

257	2	1012.50	-1.271e+04	-1.131e+04	-44.28	2.420e+04	2.21	3.72
...								
257	132	1022.50	-9835.86	-1837.62	1.34	6304.31	-0.07	3.20
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.312e+04	-1.198e+04	-154.95	-8071.79	-20.83	-382.57
			-6695.30	8299.80	416.66	2.536e+04	7.73	388.71

Macro	Tipo	Angolo 1-Z (gradi)
258	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
258	1	1012.50	-2805.52	-489.55	0.47	65.41	-0.02	1.72
258	1	1022.50	-2805.52	-489.55	0.47	65.41	-0.02	1.30
258	2	1012.50	-4285.91	-887.77	-1.25	266.68	0.06	3.97
...								
258	132	1022.50	-2141.55	-362.41	-0.30	36.15	0.02	0.94
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4377.11	-1132.80	-62.33	-334.64	-14.70	-24.31
			-1149.27	407.97	293.98	406.94	3.32	26.66

Macro	Tipo	Angolo 1-Z (gradi)
259	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
259	1	1012.50	-912.96	-487.37	-27.05	691.95	1.35	-0.37
259	1	1022.50	-912.96	-487.37	-27.05	691.95	1.35	0.35
259	2	1012.50	152.58	-929.80	-26.33	1526.56	1.32	0.09
...								
259	132	1022.50	-609.02	-382.80	-0.46	544.78	0.02	-0.44
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1445.74	-954.77	-44.75	38.59	-11.19	-17.73
			305.96	-95.07	223.79	1531.80	2.24	16.85

Macro	Tipo	Angolo 1-Z (gradi)
260	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
260	1	1012.50	-1956.75	162.20	-26.22	-360.58	1.31	-0.43
260	1	1022.50	-1956.75	162.20	-26.22	-360.58	1.31	-1.01
260	2	1012.50	-1792.54	161.32	-26.47	-357.43	1.32	0.05
...								
260	132	1022.50	-1483.89	122.98	-0.24	-321.22	0.01	-0.40
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2047.00	-25.09	-43.55	-450.93	-11.00	-16.33
			-1023.52	271.05	220.03	-48.35	2.18	15.35

Macro	Tipo	Angolo 1-Z (gradi)
261	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
261	1	1012.50	-3301.95	716.13	-4.82	80.41	0.24	-3.79
261	1	1022.50	-3301.95	716.13	-4.82	80.41	0.24	-3.49
261	2	1012.50	-4666.25	1251.54	-6.17	129.60	0.31	-3.19
...								
261	132	1022.50	-2480.03	543.82	-3.95	35.74	0.20	-2.88
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4666.25	73.84	-37.56	-337.65	-1.49	-12.93
			-1122.52	1268.42	29.66	409.13	1.88	7.18

Macro	Tipo	Angolo 1-Z (gradi)
262	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
262	1	1012.50	-5445.86	42.52	-6.20	-1718.74	0.31	-0.61
262	1	1022.50	-5445.86	42.52	-6.20	-1718.74	0.31	-0.57
262	2	1012.50	-3631.19	-411.23	-12.15	-2682.79	0.61	0.99
...								
262	132	1022.50	-4261.83	-210.77	-2.72	-1570.13	0.14	-0.21
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6765.62	-4627.71	-534.03	-4335.20	-5.20	-82.15
			-1274.38	4206.18	103.98	1194.95	26.70	81.70

Macro	Tipo	Angolo 1-Z (gradi)
263	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
263	1	1012.50	-6772.33	143.84	3.84	-1220.75	-0.19	3.89
263	1	1022.50	-6772.33	143.84	3.84	-1220.75	-0.19	4.66
263	2	1012.50	-8594.19	312.86	3.33	-2634.66	-0.17	5.11
...								
263	132	1022.50	-5193.43	-100.85	4.21	-1068.55	-0.21	3.57
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8602.83	-2640.13	-44.09	-3134.64	-2.71	-6.83
			-2896.63	2438.44	52.50	969.87	2.29	12.69

Macro	Tipo	Angolo 1-Z (gradi)
264	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
264	1	1012.50	-220.69	-317.10	0.79	703.92	-0.04	-0.03
264	1	1022.50	-220.69	-317.10	0.79	703.92	-0.04	0.05
264	2	1012.50	356.72	-294.17	1.01	1229.60	-0.05	-0.03
...								
264	132	1022.50	-208.36	-241.27	0.23	532.36	-0.01	9.50e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-951.12	-569.86	-30.64	66.66	-4.98	-51.63
			394.45	87.33	31.10	1232.27	4.95	51.65

Macro	Tipo	Angolo 1-Z (gradi)
265	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
265	1	1012.50	-4795.24	563.31	2.15	469.34	-0.11	-0.06
265	1	1022.50	-4795.24	563.31	2.15	469.34	-0.11	-0.27
265	2	1012.50	-6027.78	-689.92	2.38	2168.97	-0.12	-0.02
...								
265	132	1022.50	-3709.28	477.22	0.47	247.18	-0.02	-0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6268.13	-1257.58	-131.71	-726.52	-8.39	-116.80
			-2171.44	2130.97	132.65	2222.12	8.34	116.76

Macro	Tipo	Angolo 1-Z (gradi)
266	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
266	1	1012.50	-1135.17	-53.12	27.31	-76.56	-1.37	2.35
266	1	1022.50	-1135.17	-53.12	27.31	-76.56	-1.37	-2.67
266	2	1012.50	-1789.69	-196.57	45.23	-139.41	-2.26	3.61
...								
266	132	1022.50	-821.12	-54.91	25.03	-65.84	-1.25	-2.40
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1803.43	-303.46	-5.04	-145.35	-3.18	-5.50
			-424.56	81.03	55.09	-12.02	0.68	7.51

Macro	Tipo	Angolo 1-Z (gradi)
267	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
267	1	1012.50	-1288.04	62.46	-1.91	11.96	0.10	-0.21
267	1	1022.50	-1288.04	62.46	-1.91	11.96	0.10	-0.37
267	2	1012.50	-1269.40	161.30	-2.34	-4.77	0.12	-0.57
...								
267	132	1022.50	-1022.52	68.63	-1.83	6.66	0.09	-0.29
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1389.59	-250.90	-16.70	-70.56	-0.65	-4.32
			-519.81	388.16	13.04	83.88	0.83	3.74

Macro	Tipo	Angolo 1-Z (gradi)
268	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
268	1	1012.50	-1774.35	-370.55	-36.32	520.40	1.82	0.01
268	1	1022.50	-1774.35	-370.55	-36.32	520.40	1.82	0.62
268	2	1012.50	-1645.66	-817.52	-36.90	1470.86	1.85	-1.05
...								
268	132	1022.50	-1285.06	-308.49	-0.11	401.61	5.56e-03	0.13
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2478.35	-1024.50	-90.79	-148.04	-15.13	-138.38
			-91.77	407.52	302.64	1561.17	5.61	138.73

Macro	Tipo	Angolo 1-Z (gradi)
269	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
269	1	1012.50	-2704.46	49.10	-43.43	418.11	2.17	-0.10
269	1	1022.50	-2704.46	49.10	-43.43	418.11	2.17	1.94e-03
269	2	1012.50	-2893.86	145.31	-43.43	1377.12	2.17	-1.32
...								
269	132	1022.50	-2048.93	31.90	5.17e-04	293.89	-2.58e-05	0.05
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2893.86	-308.27	-98.30	-57.78	-18.10	-49.95
			-1405.62	372.08	361.92	1410.08	12.18	50.12

Macro	Tipo	Angolo 1-Z (gradi)
270	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
270	1	1012.50	-1174.50	542.10	-11.39	47.07	0.57	0.50
270	1	1022.50	-1174.50	542.10	-11.39	47.07	0.57	-0.66
270	2	1012.50	-1762.89	1159.89	-9.85	369.23	0.49	0.13
...								
270	132	1022.50	-797.50	476.00	3.87	38.56	-0.19	0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1998.51	62.10	-64.52	-131.70	-6.99	-66.63
			403.51	1227.21	139.72	378.86	6.47	66.79

Macro	Tipo	Angolo 1-Z (gradi)
271	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
271	1	1012.50	-3416.61	-695.08	-31.50	1046.52	1.57	-2.73
271	1	1022.50	-3416.61	-695.08	-31.50	1046.52	1.57	-3.12
271	2	1012.50	-3619.12	-2284.92	-37.66	3156.00	1.88	-6.76
...								
271	132	1022.50	-2478.35	-515.22	-7.95	755.54	0.40	-2.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4418.86	-2367.57	-50.38	-629.48	-10.18	-31.79
			-537.85	797.68	203.62	3303.99	5.88	28.38

Macro	Tipo	Angolo 1-Z (gradi)
272	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
272	1	1012.50	-2279.03	63.35	-38.83	316.65	1.94	-0.08
272	1	1022.50	-2279.03	63.35	-38.83	316.65	1.94	0.05
272	2	1012.50	-2485.04	268.93	-38.83	1074.31	1.94	-0.28
...								
272	132	1022.50	-1723.85	45.40	6.27e-04	225.37	-3.14e-05	0.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-2485.04	-475.24	-136.04	-52.27	-16.18	-35.67
		-1231.85	566.05	323.57	1108.31	7.92	35.54

Macro	Tipo	Angolo 1-Z (gradi)
273	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
273	1	1012.50	-1662.77	114.02	-34.15	72.68	1.71	0.03
273	1	1022.50	-1662.77	114.02	-34.15	72.68	1.71	-0.58
273	2	1012.50	-1750.47	-42.12	-35.18	643.20	1.76	-0.14
...								
273	132	1022.50	-1157.87	134.85	-0.91	24.74	0.05	0.11
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2794.17	-627.02	-56.65	-438.69	-13.83	-93.89
			478.43	896.71	276.55	643.20	4.56	93.97

Macro	Tipo	Angolo 1-Z (gradi)
274	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
274	1	1012.50	-7715.08	785.51	0.57	329.01	-0.03	2.47
274	1	1022.50	-7715.08	785.51	0.57	329.01	-0.03	2.36
274	2	1012.50	-1.232e+04	1715.31	-2.26	2094.07	0.11	2.25
...								
274	132	1022.50	-5928.71	213.56	0.05	-269.09	-2.58e-03	1.60
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.257e+04	-6163.37	-155.90	-6420.55	-39.00	-126.88
			-3033.74	6590.49	780.10	5882.38	7.79	130.18

Macro	Tipo	Angolo 1-Z (gradi)
275	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
275	1	1002.50	-8345.34	1154.91	-0.57	-315.19	-0.03	2.58
275	1	1012.50	-8345.34	1154.91	-0.57	-315.19	-0.03	2.47
275	2	1002.50	-1.341e+04	2082.29	2.26	867.79	0.11	2.45
...								
275	132	1012.50	-6425.21	248.06	-0.05	-812.68	-2.58e-03	1.65
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.367e+04	-1.111e+04	-780.10	-7321.06	-39.00	-114.56
			-3103.77	1.161e+04	155.90	5695.70	7.79	117.85

Macro	Tipo	Angolo 1-Z (gradi)
276	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
276	1	1002.50	-4683.69	-297.04	91.25	-641.07	4.56	-3.60
276	1	1012.50	-4683.69	-297.04	91.25	-641.07	4.56	-0.22

276	2	1002.50	-7029.82	-436.54	91.66	-1187.63	4.58	-3.34
...								
276	132	1012.50	-3841.73	-202.45	-1.08	-510.10	-0.05	-0.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7368.12	-654.39	-30.40	-1256.91	-1.52	-11.08
			-1124.38	249.49	153.73	236.70	7.69	10.58

Macro	Tipo	Angolo 1-Z (gradi)
277	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
277	1	1002.50	-9125.10	449.44	57.75	108.19	2.89	1.63
277	1	1012.50	-9125.10	449.44	57.75	108.19	2.89	-0.55
277	2	1002.50	-1.320e+04	730.34	56.96	-68.97	2.85	1.83
...								
277	132	1012.50	-7455.22	339.26	0.15	128.56	7.41e-03	-0.36
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.364e+04	-192.35	-42.05	-2271.88	-2.55	-26.35
			-2371.42	870.87	96.13	2529.01	4.81	25.62

Macro	Tipo	Angolo 1-Z (gradi)
278	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
278	1	1002.50	-6759.76	290.20	108.38	-198.30	5.42	-0.40
278	1	1012.50	-6759.76	290.20	108.38	-198.30	5.42	-0.50
278	2	1002.50	-1.004e+04	852.40	108.38	-595.89	5.42	-0.47
...								
278	132	1012.50	-5461.16	195.84	0.0	-131.32	0.0	-0.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.012e+04	-575.16	-75.59	-1152.89	-4.69	-17.62
			-1788.12	966.85	180.64	890.26	9.03	17.09

Macro	Tipo	Angolo 1-Z (gradi)
279	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
279	1	1002.50	-6969.48	89.03	108.38	-69.36	5.42	-0.53
279	1	1012.50	-6969.48	89.03	108.38	-69.36	5.42	-0.68
279	2	1002.50	-1.056e+04	533.07	108.38	-390.79	5.42	-0.73
...								
279	132	1012.50	-5603.63	43.72	0.0	-32.68	0.0	-0.40
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.060e+04	-737.18	-73.46	-1009.72	-4.52	-15.83
			-1861.83	824.62	180.64	944.35	9.03	15.03

Macro	Tipo	Angolo 1-Z (gradi)
280	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
280	1	1002.50	-7083.89	188.51	81.68	633.69	4.08	11.33
280	1	1012.50	-7083.89	188.51	81.68	633.69	4.08	10.42
280	2	1002.50	-1.045e+04	555.68	94.23	732.89	4.71	16.21
...								
280	132	1012.50	-5784.23	142.17	20.88	521.32	1.04	9.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.059e+04	-80.10	-6.52	-1155.22	-1.17	-25.51
			-2130.02	585.25	129.25	2197.85	6.46	44.04

Macro	Tipo	Angolo 1-Z (gradi)
281	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
281	1	1002.50	-6146.88	71.41	17.10	-689.18	0.86	-6.24
281	1	1012.50	-6146.88	71.41	17.10	-689.18	0.86	-7.60
281	2	1002.50	-9518.37	351.54	27.85	-1237.60	1.39	-13.45
...								
281	132	1012.50	-4991.44	20.90	10.57	-509.09	0.53	-7.64
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9602.24	-307.52	-0.04	-2084.73	-1.20	-32.22
			-1836.91	355.83	28.01	1066.54	2.25	16.95

Macro	Tipo	Angolo 1-Z (gradi)
282	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
282	1	1002.50	-6898.05	289.58	108.38	-219.44	5.42	-0.29
282	1	1012.50	-6898.05	289.58	108.38	-219.44	5.42	-0.37
282	2	1002.50	-1.024e+04	812.74	108.38	-611.15	5.42	-0.69
...								
282	132	1012.50	-5558.89	199.06	0.0	-149.61	0.0	-0.22
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.031e+04	-561.19	-63.40	-1124.21	-3.84	-13.73
			-1827.47	959.31	180.64	824.99	9.03	13.29

Macro	Tipo	Angolo 1-Z (gradi)
283	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
283	1	1002.50	-7041.85	68.16	108.38	-43.81	5.42	-0.28
283	1	1012.50	-7041.85	68.16	108.38	-43.81	5.42	-0.35
283	2	1002.50	-1.071e+04	489.40	108.38	-352.44	5.42	-0.62
...								
283	132	1012.50	-5655.43	25.34	0.0	-13.50	0.0	-0.19
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.078e+04	-752.79	-71.19	-1013.89	-4.26	-14.23
			-1820.59	803.47	180.64	986.90	9.03	13.85

Macro	Tipo	Angolo 1-Z (gradi)
284	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
284	1	1002.50	-9712.63	-444.78	65.06	-148.74	3.25	-3.03
284	1	1012.50	-9712.63	-444.78	65.06	-148.74	3.25	0.42
284	2	1002.50	-1.430e+04	-684.99	66.42	-400.15	3.32	-2.39
...								
284	132	1012.50	-7871.70	-327.42	0.06	-116.74	2.80e-03	0.32
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.464e+04	-988.53	-18.91	-2575.05	-2.24	-5.85
			-2534.28	333.69	109.08	2341.58	5.45	6.48

Macro	Tipo	Angolo 1-Z (gradi)
285	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
285	1	1002.50	-3654.66	223.60	70.99	349.03	3.55	3.88
285	1	1012.50	-3654.66	223.60	70.99	349.03	3.55	0.54
285	2	1002.50	-5252.11	462.23	70.02	422.76	3.50	4.46
...								
285	132	1012.50	-3010.02	147.33	-1.05	298.24	-0.05	0.38
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5520.67	-188.97	-24.63	-267.13	-1.35	-7.89
			-913.84	485.79	120.14	863.60	6.01	8.69

Macro	Tipo	Angolo 1-Z (gradi)
286	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
286	1	1002.50	-3336.05	204.96	4.61	-218.35	0.23	0.55
286	1	1012.50	-3336.05	204.96	4.61	-218.35	0.23	0.43
286	2	1002.50	-4243.73	245.01	8.75	-321.05	0.44	1.19
...								
286	132	1012.50	-2531.86	225.93	3.41	-59.91	0.17	0.28
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4243.73	-700.44	-91.41	-1785.37	-4.57	-7.77
			-1175.74	1152.30	55.56	1665.54	4.55	8.34

Macro	Tipo	Angolo 1-Z (gradi)
287	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
287	1	1002.50	-6670.29	1192.10	-0.22	-1781.94	-0.01	-2.93
287	1	1012.50	-6670.29	1192.10	-0.22	-1781.94	-0.01	-3.07
287	2	1002.50	-8439.18	1884.90	0.99	-2380.53	0.05	-6.56
...								
287	132	1012.50	-5260.90	626.40	-0.02	-1521.36	-1.20e-03	-2.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8462.68	-5606.07	-156.51	-2445.00	-10.17	-85.45
			-2895.27	6858.87	156.46	-311.83	10.17	81.10

Macro	Tipo	Angolo 1-Z (gradi)
288	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
288	1	1002.50	-774.67	-117.16	-7.39	-9.87	-0.37	-0.96
288	1	1012.50	-774.67	-117.16	-7.39	-9.87	-0.37	-2.69
288	2	1002.50	-934.54	-140.81	-18.31	-8.64	-0.92	-2.49
...								
288	132	1012.50	-662.41	-43.59	-5.07	-7.05	-0.25	-2.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1968.98	-680.66	-22.28	-80.88	-1.06	-8.16
			644.16	593.48	12.14	66.79	0.56	3.83

Macro	Tipo	Angolo 1-Z (gradi)
289	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
289	1	1002.50	-1.069e+04	-887.94	52.71	-836.60	2.64	-2.16
289	1	1012.50	-1.069e+04	-887.94	52.71	-836.60	2.64	-2.34
289	2	1002.50	-1.555e+04	-3765.45	53.15	248.56	2.67	-5.46
...								
289	132	1012.50	-7981.41	-635.15	-0.05	-762.61	2.97e-03	-1.49
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.555e+04	-6181.45	-450.87	-1868.25	-22.48	-37.66
			-2927.68	4911.16	93.27	734.60	5.29	34.69

Macro	Tipo	Angolo 1-Z (gradi)
290	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
290	1	1002.50	-1.721e+04	-2216.00	-2.17	-4018.69	-0.11	-0.28
290	1	1012.50	-1.721e+04	-2216.00	-2.17	-4018.69	-0.11	-0.08
290	2	1002.50	-2.181e+04	-4370.55	-2.05	-5544.18	-0.12	-0.56
...								
290	132	1012.50	-1.331e+04	-1626.46	-0.84	-3096.58	-0.05	-5.28e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.183e+04	-5101.73	-102.17	-5627.03	-5.53	-74.59
			-5045.48	1848.81	100.49	-802.13	5.43	74.41

Macro	Tipo	Angolo 1-Z (gradi)
291	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
291	1	1002.50	-4.144e+04	-1978.90	-3.15	1.458e+04	-0.16	-4.75
291	1	1012.50	-4.144e+04	-1978.90	-3.15	1.458e+04	-0.16	-4.83
291	2	1002.50	-5.574e+04	-7770.69	-4.20	2.395e+04	-0.21	-8.99
...								
291	132	1012.50	-3.244e+04	-1314.85	-1.53	1.007e+04	-0.08	-3.83
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-5.583e+04	-1.308e+04	-240.55	1629.74	-15.96	-166.17
		-1.301e+04	1.045e+04	237.49	2.419e+04	15.80	158.51

Macro	Tipo	Angolo 1-Z (gradi)
292	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
292	1	1002.50	-1.829e+04	1001.44	-32.20	1695.60	-1.61	2.88
292	1	1012.50	-1.829e+04	1001.44	-32.20	1695.60	-1.61	-2.77
292	2	1002.50	-2.522e+04	1450.84	-67.25	3304.69	-3.36	9.46
...								
292	132	1012.50	-1.437e+04	-297.95	-28.69	33.08	-1.43	-2.38
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.537e+04	-1.450e+04	-227.27	-1.051e+04	-12.34	-28.98
			-7363.70	1.390e+04	169.90	1.058e+04	9.47	24.23

Macro	Tipo	Angolo 1-Z (gradi)
293	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
293	1	1002.50	-2939.88	235.69	32.38	4.73	1.62	35.62
293	1	1012.50	-2939.88	235.69	32.38	4.73	1.62	40.05
293	2	1002.50	-4240.43	406.30	60.27	97.70	3.01	65.21
...								
293	132	1012.50	-2463.72	231.08	28.95	55.67	1.45	36.31
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4624.84	-4.20	-1.08	-744.68	0.15	5.72
			-634.98	451.54	60.85	856.03	3.04	73.99

Macro	Tipo	Angolo 1-Z (gradi)
294	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
294	1	1002.50	-6975.41	-373.38	17.74	36.77	0.89	-45.87
294	1	1012.50	-6975.41	-373.38	17.74	36.77	0.89	-47.21
294	2	1002.50	-1.041e+04	-729.77	34.98	-102.04	1.75	-89.40
...								
294	132	1012.50	-5546.13	-467.65	16.25	-29.43	0.81	-42.63
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.050e+04	-4108.69	-78.03	-1275.22	-4.70	-92.23
			-2620.98	3173.40	110.54	1216.35	6.33	-8.50

Macro	Tipo	Angolo 1-Z (gradi)
295	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
295	1	1002.50	-6057.62	732.78	0.39	-1151.24	0.02	-1.36
295	1	1012.50	-6057.62	732.78	0.39	-1151.24	0.02	-1.50

295	2	1002.50	-8630.40	922.91	1.63	-2116.70	0.08	-4.51
...								
295	132	1012.50	-4818.52	439.97	0.18	-829.11	8.89e-03	-1.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8906.55	-3323.09	-107.37	-2312.53	-6.29	-54.84
			-2271.52	4203.03	107.72	654.31	6.30	52.80

Macro	Tipo	Angolo 1-Z (gradi)
296	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
296	1	1002.50	-4856.55	-1.11	2.80	-131.68	0.14	0.57
296	1	1012.50	-4856.55	-1.11	2.80	-131.68	0.14	0.63
296	2	1002.50	-5682.71	-90.01	5.65	-89.12	0.28	0.24
...								
296	132	1012.50	-3731.11	-49.69	1.55	81.36	0.08	0.45
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5682.71	-1211.77	-6.94	-3473.06	-2.05	-35.26
			-1810.37	1112.38	48.48	3635.77	2.42	36.17

Macro	Tipo	Angolo 1-Z (gradi)
297	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
297	1	1002.50	-5969.74	477.32	3.04	-2135.23	0.15	-5.38
297	1	1012.50	-5969.74	477.32	3.04	-2135.23	0.15	-5.34
297	2	1002.50	-4880.67	-153.78	7.72	-5963.50	0.39	-9.97
...								
297	132	1012.50	-4862.28	-74.97	1.96	-1933.25	0.10	-3.77
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7613.53	-1.025e+04	-160.79	-8139.49	-9.17	-131.02
			-2095.34	1.010e+04	787.62	4273.00	39.38	123.48

Macro	Tipo	Angolo 1-Z (gradi)
298	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
298	1	1002.50	-3.182e+04	-1912.90	-2.22	4286.15	-0.09	3.92
298	1	1012.50	-3.182e+04	-1912.90	-2.22	4286.15	-0.09	3.64
298	2	1002.50	-4.267e+04	-7478.55	-2.48	7984.22	-0.09	6.16
...								
298	132	1012.50	-2.453e+04	-1153.98	-0.39	3487.20	-0.01	2.77
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.267e+04	-1.325e+04	-73.67	656.84	-5.01	-421.17
			-9505.20	1.094e+04	72.90	8017.54	4.98	426.71

Macro	Tipo	Angolo 1-Z (gradi)
299	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
299	1	1002.50	-3149.69	-243.48	-2.13	-74.96	-0.11	1.56
299	1	1012.50	-3149.69	-243.48	-2.13	-74.96	-0.11	1.72
299	2	1002.50	-4815.68	-531.63	-2.66	53.28	-0.13	3.35
...								
299	132	1012.50	-2342.17	-244.77	-0.81	-4.32	-0.04	1.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4833.82	-1490.92	-294.99	-1325.61	-14.75	-24.31
			-1073.57	1001.39	59.06	1316.98	3.31	26.66

Macro	Tipo	Angolo 1-Z (gradi)
300	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
300	1	1002.50	-5681.12	-432.13	26.57	-778.90	1.33	-1.04
300	1	1012.50	-5681.12	-432.13	26.57	-778.90	1.33	-0.38
300	2	1002.50	-8060.99	-911.88	26.58	-1320.52	1.33	-0.65
...								
300	132	1012.50	-4462.64	-335.76	-0.15	-628.53	-7.51e-03	-0.47
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8060.99	-1073.61	-224.41	-1439.48	-11.22	-17.34
			-1647.10	402.09	44.54	182.43	2.23	16.40

Macro	Tipo	Angolo 1-Z (gradi)
301	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
301	1	1002.50	-6403.11	180.17	26.71	471.52	1.34	0.22
301	1	1012.50	-6403.11	180.17	26.71	471.52	1.34	-0.42
301	2	1002.50	-8617.47	180.55	26.22	689.17	1.31	0.64
...								
301	132	1012.50	-5138.23	144.59	0.85	400.72	0.04	-0.49
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8680.88	-311.44	-219.49	-448.65	-10.97	-16.33
			-1954.95	600.62	43.85	1250.09	2.19	15.35

Macro	Tipo	Angolo 1-Z (gradi)
302	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
302	1	1002.50	-3792.95	735.75	-1.97	-233.39	-0.10	-3.18
302	1	1012.50	-3792.95	735.75	-1.97	-233.39	-0.10	-3.79
302	2	1002.50	-5629.09	1252.28	-0.82	-361.13	-0.04	-2.43
...								
302	132	1012.50	-2954.66	525.45	-1.60	-128.38	-0.08	-3.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5746.56	-171.86	-36.79	-956.94	-1.87	-11.73
			-1318.85	1252.28	33.59	700.19	1.71	5.49

Macro	Tipo	Angolo 1-Z (gradi)
303	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
303	1	1002.50	-8019.62	-1136.98	49.89	1203.63	2.48	0.06
303	1	1012.50	-8019.62	-1136.98	49.89	1203.63	2.48	0.10
303	2	1002.50	-8016.41	-3849.68	49.88	2751.27	2.46	-1.93
...								
303	132	1012.50	-6161.66	-709.22	0.37	900.20	0.01	0.30
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9217.54	-6036.87	-423.19	132.27	-21.11	-22.32
			-2842.67	4618.44	82.80	2825.99	4.12	22.91

Macro	Tipo	Angolo 1-Z (gradi)
304	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
304	1	1002.50	-6071.63	266.49	3.79	-2200.20	0.19	-0.95
304	1	1012.50	-6071.63	266.49	3.79	-2200.20	0.19	-0.61
304	2	1002.50	-4351.85	-245.65	7.58	-3090.46	0.38	0.31
...								
304	132	1012.50	-4682.28	-227.94	1.04	-1776.15	0.05	-0.23
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8086.94	-8793.46	-104.11	-3443.68	-5.21	-82.15
			-1277.62	8337.59	530.43	-108.62	26.52	81.70

Macro	Tipo	Angolo 1-Z (gradi)
305	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
305	1	1002.50	-7347.19	270.61	2.95	-1212.42	0.15	4.58
305	1	1012.50	-7347.19	270.61	2.95	-1212.42	0.15	3.89
305	2	1002.50	-9352.42	363.88	3.65	-2510.92	0.18	5.69
...								
305	132	1012.50	-5552.04	-108.25	1.34	-882.09	0.07	2.93
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9352.42	-4904.95	-45.08	-2510.92	-1.79	-5.18
			-2746.92	4688.44	47.76	290.77	1.92	11.21

Macro	Tipo	Angolo 1-Z (gradi)
306	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
306	1	1002.50	-4920.47	-318.91	-0.78	-703.84	-0.04	-0.11
306	1	1012.50	-4920.47	-318.91	-0.78	-703.84	-0.04	-0.03
306	2	1002.50	-6785.87	-345.38	-0.88	-1111.76	-0.04	-0.12
...								
306	132	1012.50	-3811.70	-243.87	-0.22	-533.88	-0.01	-0.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6905.17	-415.61	-30.57	-1155.13	-5.04	-51.46
			-1402.79	-54.54	30.13	6.07	5.02	51.38

Macro	Tipo	Angolo 1-Z (gradi)
307	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
307	1	1002.50	-1.538e+04	256.38	-2.16	4696.62	-0.11	0.16
307	1	1012.50	-1.538e+04	256.38	-2.16	4696.62	-0.11	-0.06
307	2	1002.50	-2.080e+04	-1136.19	-2.51	7447.93	-0.13	0.24
...								
307	132	1012.50	-1.189e+04	270.95	-0.49	3553.92	-0.02	-0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.106e+04	-3394.49	-130.74	959.96	-8.36	-116.81
			-4552.07	3936.39	129.77	7447.93	8.32	116.77

Macro	Tipo	Angolo 1-Z (gradi)
308	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
308	1	1002.50	-1690.58	-98.69	27.21	67.22	1.36	-2.66
308	1	1012.50	-1690.58	-98.69	27.21	67.22	1.36	2.35
308	2	1002.50	-2656.21	-238.18	45.61	126.42	2.28	-4.64
...								
308	132	1012.50	-1275.83	-76.43	24.13	62.25	1.21	2.27
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2656.21	-313.31	1.23	-25.93	0.06	-6.05
			-468.94	160.46	46.78	150.44	2.34	7.47

Macro	Tipo	Angolo 1-Z (gradi)
309	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
309	1	1002.50	-1534.03	35.29	1.29	-18.65	0.06	0.08
309	1	1012.50	-1534.03	35.29	1.29	-18.65	0.06	-0.20
309	2	1002.50	-1918.05	132.17	0.60	-4.42	0.03	-0.20
...								
309	132	1012.50	-1279.79	57.54	1.64	-6.00	0.08	-0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2118.06	-290.21	-13.27	-149.42	-0.67	-4.03
			-441.51	405.28	16.55	137.43	0.83	4.42

Macro	Tipo	Angolo 1-Z (gradi)
310	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
310	1	1002.50	-4857.75	-316.25	36.42	-609.55	1.82	-0.61
310	1	1012.50	-4857.75	-316.25	36.42	-609.55	1.82	7.05e-03
310	2	1002.50	-6551.17	-863.92	36.04	-730.25	1.80	-1.61
...								
310	132	1012.50	-3651.36	-281.94	0.33	-462.85	0.02	0.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

			-6551.17	-1692.97	-302.39	-1489.31	-15.12	-138.39
			-1491.46	1129.10	73.81	563.60	5.60	138.74

Macro	Tipo	Angolo 1-Z (gradi)
311	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
311	1	1002.50	-6400.64	9.19	43.43	-216.30	2.17	-0.22
311	1	1012.50	-6400.64	9.19	43.43	-216.30	2.17	-0.10
311	2	1002.50	-8137.66	76.59	43.43	-651.85	2.17	-1.28
...								
311	132	1012.50	-4885.72	5.72	4.36e-04	-164.34	2.18e-05	0.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8137.66	-130.74	-361.92	-1952.28	-18.10	-49.95
			-1964.77	142.19	138.31	1623.61	11.37	50.12

Macro	Tipo	Angolo 1-Z (gradi)
312	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
312	1	1002.50	-3137.62	505.13	20.99	21.29	1.05	0.58
312	1	1012.50	-3137.62	505.13	20.99	21.29	1.05	0.51
312	2	1002.50	-4237.54	1089.37	21.52	-217.42	1.08	0.24
...								
312	132	1012.50	-2356.72	449.44	4.88	0.30	0.24	0.52
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4237.54	-27.29	-129.66	-580.43	-6.48	-39.60
			-772.12	1171.53	83.01	581.03	6.96	40.64

Macro	Tipo	Angolo 1-Z (gradi)
313	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
313	1	1002.50	-9353.21	-743.13	22.31	1162.67	1.12	-3.23
313	1	1012.50	-9353.21	-743.13	22.31	1162.67	1.12	-2.73
313	2	1002.50	-1.277e+04	-2448.50	20.42	2867.80	1.02	-7.73
...								
313	132	1012.50	-7087.00	-585.40	0.11	949.79	5.62e-03	-1.70
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.277e+04	-3530.25	-205.54	145.49	-10.28	-31.79
			-2687.44	2359.45	47.92	2953.61	5.21	28.38

Macro	Tipo	Angolo 1-Z (gradi)
314	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
314	1	1002.50	-5161.96	71.95	38.83	-181.81	1.94	-0.23
314	1	1012.50	-5161.96	71.95	38.83	-181.81	1.94	-0.09

314	2	1002.50	-6612.00	263.16	38.83	-615.34	1.94	-0.49
...								
314	132	1012.50	-3934.77	53.72	5.35e-04	-139.21	2.67e-05	-0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6612.00	-68.24	-323.57	-1743.27	-16.18	-35.67
			-1601.44	292.92	134.41	1464.86	8.01	35.54

Macro	Tipo	Angolo 1-Z (gradi)
315	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
315	1	1002.50	-4180.30	24.23	34.13	566.54	1.71	0.64
315	1	1012.50	-4180.30	24.23	34.13	566.54	1.71	0.03
315	2	1002.50	-4858.62	-267.59	35.25	829.04	1.76	0.38
...								
315	132	1012.50	-3110.05	55.68	0.89	423.28	0.04	0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5013.21	-1029.28	-276.54	-538.48	-13.83	-93.89
			-1134.56	1140.63	75.60	1385.05	4.57	93.97

Macro	Tipo	Angolo 1-Z (gradi)
316	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
316	1	1012.50	122.89	-279.03	-91.44	701.90	4.57	-0.18
316	1	1022.50	122.89	-279.03	-91.44	701.90	4.57	3.22
316	2	1012.50	1279.48	-378.79	-91.00	1448.51	4.55	0.11
...								
316	132	1022.50	18.58	-199.52	0.91	539.92	-0.05	-0.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1994.77	-570.09	-153.90	34.44	-1.53	-11.25
			2031.93	171.05	30.60	1448.51	7.69	11.07

Macro	Tipo	Angolo 1-Z (gradi)
317	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
317	1	1012.50	-870.08	472.88	-58.70	298.66	2.94	-0.57
317	1	1022.50	-870.08	472.88	-58.70	298.66	2.94	-2.55
317	2	1012.50	228.84	777.27	-59.01	1530.88	2.95	-0.35
...								
317	132	1022.50	-736.42	353.83	-0.60	177.96	0.03	-0.29
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3302.12	-303.98	-97.48	-169.51	-5.57	-26.35
			1829.27	1011.64	73.97	1563.14	5.63	25.62

Macro	Tipo	Angolo 1-Z (gradi)
318	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
318	1	1012.50	-1569.67	270.77	-108.38	235.35	5.42	-0.50
318	1	1022.50	-1569.67	270.77	-108.38	235.35	5.42	-0.34
318	2	1012.50	-1507.02	849.29	-108.38	763.50	5.42	-0.58
...								
318	132	1022.50	-1210.54	183.69	0.0	158.79	0.0	-0.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1646.10	-742.97	-180.64	-233.83	-4.80	-17.14
			-952.59	1110.36	76.13	780.35	9.03	16.61

Macro	Tipo	Angolo 1-Z (gradi)
430	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
430	1	388.00	-1.687e+04	-525.02	-64.76	917.47	-17.10	6.59
430	1	440.81	-1.687e+04	-525.02	-64.76	917.47	-17.10	6.00
430	1	518.63	-1.696e+04	-522.83	-25.50	695.81	-44.12	2.26
...								
430	132	674.25	-1.396e+04	-326.61	0.56	-49.80	-0.22	0.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.749e+04	-4206.45	-104.36	-1.254e+04	-75.77	-11.28
			-3581.06	3552.83	80.10	1.358e+04	11.97	11.45

Macro	Tipo	Angolo 1-Z (gradi)
320	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
320	1	363.00	-1796.96	57.32	4.96	1.94e-03	2.04	1.33
320	1	440.81	-3295.46	230.52	24.12	-180.41	5.43	-1.96
320	1	518.63	-4319.42	588.53	-59.52	-401.61	-7.93	-1.32
...								
320	132	684.25	-4355.16	74.25	-257.85	-1141.99	-269.90	-8.46
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.914e+04	-3428.46	-556.08	-1.258e+04	-600.78	-17.26
			1.154e+04	3727.82	69.68	1.017e+04	32.81	6.62

Macro	Tipo	Angolo 1-Z (gradi)
321	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
321	1	388.00	-1.336e+04	308.34	0.07	1526.16	0.07	1.85
321	1	440.81	-1.399e+04	294.08	1.30	2318.51	0.34	1.85
321	1	518.63	-1.327e+04	284.75	-0.55	1664.60	0.19	1.94
...								
321	132	674.25	-9903.26	-298.24	0.89	-77.93	-0.33	1.60
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.354e+04	-6307.62	-32.93	-1.131e+04	-27.26	-2.52
			-42.92	5777.37	34.72	1.280e+04	26.47	5.90

Macro	Tipo	Angolo 1-Z (gradi)
322	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
322	1	388.00	-5324.35	362.46	1.00	267.76	0.18	-0.69
322	1	440.81	-6809.64	445.24	1.72	325.75	0.46	-0.93
322	1	518.63	-6413.96	400.50	-0.57	195.16	0.68	-1.17
...								
322	132	674.25	-4340.84	116.00	0.88	-19.54	-0.31	-0.89
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9788.81	-2228.43	-13.10	-3892.74	-6.88	-5.29
			2143.19	2460.96	14.94	3768.58	7.22	3.51

Macro	Tipo	Angolo 1-Z (gradi)
416	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
416	1	388.00	-3170.77	185.90	2.10	-2.02e-04	0.42	0.21
416	1	440.81	-2.202e+04	1151.04	-0.94	645.58	0.88	-0.13
416	1	518.63	-2.051e+04	1161.68	-3.26	1127.48	-0.95	-0.10
...								
416	132	674.25	-1.353e+04	39.00	5.97	667.58	-2.22	0.36
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.022e+04	-1.136e+04	-40.15	-2.024e+04	-16.45	-4.83
			-1286.67	1.135e+04	36.95	1.866e+04	16.07	4.72

Macro	Tipo	Angolo 1-Z (gradi)
457	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
457	1	388.00	-1.290e+04	624.03	0.16	2466.85	0.53	-0.59
457	1	440.81	-1.385e+04	627.42	8.64	3929.98	1.48	-0.65
457	1	518.63	-1.292e+04	609.93	0.06	2920.44	2.04	-0.39
...								
457	132	674.25	-9897.03	-207.20	-0.30	248.07	0.46	0.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.532e+04	-8152.97	-47.68	-1.626e+04	-36.22	-5.70
			2240.24	7861.23	47.07	1.859e+04	38.96	4.79

Macro	Tipo	Angolo 1-Z (gradi)
323	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
323	1	388.00	-2652.76	165.56	1.53	0.0	0.47	0.46
323	1	440.81	-1864.93	134.07	2.43	3.55e-03	1.31	0.40
323	1	518.63	-2062.67	109.35	0.28	7.72	1.89	0.12
...								
323	132	674.25	-1268.31	41.85	-1.75	0.0	0.60	-0.25
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5399.82	-550.09	-7.78	-127.29	-5.56	-1.72
			1899.58	609.15	11.12	124.39	8.16	2.36

Macro	Tipo	Angolo 1-Z (gradi)
324	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
324	1	388.00	-5703.06	364.73	0.90	1122.20	0.34	-0.28
324	1	440.81	-6457.15	345.57	3.57	1678.11	0.79	-0.26
324	1	518.63	-5798.23	341.67	-0.30	1204.60	1.01	-0.02
...								
324	132	674.25	-4043.19	-44.85	-0.06	84.88	-0.09	-6.61e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.298e+04	-4484.45	-191.79	-1.120e+04	-31.68	-11.46
			3270.06	4416.83	218.44	1.217e+04	162.54	12.20

Macro	Tipo	Angolo 1-Z (gradi)
325	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
325	1	388.00	-1.063e+04	1129.09	0.54	245.25	0.13	0.23
325	1	440.81	-1.398e+04	1429.09	1.64	-1747.84	1.59	0.53
325	1	518.63	-1.300e+04	1382.94	0.77	-1760.43	2.55	0.16
...								
325	132	674.25	-8332.68	335.61	-1.84	-2481.40	0.55	-0.16
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.981e+04	-9638.73	-61.10	-3.805e+04	-39.40	-5.82
			4858.62	1.029e+04	57.42	3.027e+04	42.74	5.50

Macro	Tipo	Angolo 1-Z (gradi)
326	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
326	1	388.00	-1.931e+04	-1268.59	-42.91	-786.87	-10.40	-0.20
326	1	440.81	-2.009e+04	-1278.69	-32.84	-199.37	-7.82	-0.19
326	1	518.63	-1.924e+04	-1223.62	-19.53	-220.02	-25.82	-0.07
...								
326	132	674.25	-1.090e+04	-611.20	1.05	-515.92	-0.47	0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.006e+04	-7633.33	-278.38	-1.731e+04	-51.59	-3.88
			-1138.74	6000.51	363.78	1.491e+04	257.02	4.51

Macro	Tipo	Angolo 1-Z (gradi)
327	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
327	1	388.00	-2.931e+04	-432.16	-0.03	9773.59	-4.95e-03	-0.09
327	1	440.81	-2.786e+04	-404.69	0.11	1.179e+04	-0.13	-0.09
327	1	518.63	-2.836e+04	-409.26	0.33	1.047e+04	-6.11e-03	-0.11
...								
327	132	674.25	-2.148e+04	-165.89	-0.04	6727.22	0.04	9.27e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-4.308e+04	-6132.65	-54.44	-1.076e+04	-41.16	-3.30
		-7056.27	5743.04	54.37	2.772e+04	41.09	3.24

Macro	Tipo	Angolo 1-Z (gradi)
328	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
328	1	388.00	-7722.14	-538.14	0.19	-110.13	0.02	-0.06
328	1	440.81	-7593.89	-540.30	-0.04	-159.49	-7.51e-03	-0.06
328	1	518.63	-7787.66	-537.21	-0.13	-345.95	-0.04	-0.06
...								
328	132	674.25	-6475.00	-411.09	-0.14	-597.58	0.05	-0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.160e+04	-2058.78	-13.18	-2967.76	-9.46	-2.67
			-740.19	1299.46	12.90	2618.54	9.44	2.54

Macro	Tipo	Angolo 1-Z (gradi)
329	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
329	1	388.00	-1.160e+04	643.11	14.20	-1929.04	4.55	-0.26
329	1	440.81	-1.189e+04	638.41	25.44	-1309.73	5.62	-0.37
329	1	518.63	-1.098e+04	634.75	6.66	-1805.18	12.77	-0.20
...								
329	132	674.25	-7929.84	-245.74	-8.58	-3538.40	4.04	-0.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.701e+04	-1.313e+04	-397.89	-5.276e+04	-300.13	-4.81
			8101.06	1.264e+04	356.29	4.500e+04	80.14	4.61

Macro	Tipo	Angolo 1-Z (gradi)
330	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
330	1	388.00	-1.195e+04	794.06	1.72	-1583.81	0.37	0.13
330	1	440.81	-1.300e+04	819.56	0.82	-2796.07	0.86	0.14
330	1	518.63	-1.183e+04	776.96	0.14	-2422.99	1.29	-0.08
...								
330	132	674.25	-7631.73	152.75	0.48	-1842.95	-0.16	0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.806e+04	-7233.82	-45.14	-2.432e+04	-28.11	-5.16
			-1600.62	7477.28	47.07	1.749e+04	28.04	5.22

Macro	Tipo	Angolo 1-Z (gradi)
331	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
331	1	388.00	-1.415e+04	1419.07	-1.01	2670.13	-1.03	0.43
331	1	440.81	-1.991e+04	1697.25	-22.54	4154.66	-5.07	0.17

331	1	518.63	-1.707e+04	1680.12	1.70	2659.20	-5.98	-0.26
...								
331	132	674.25	-1.070e+04	324.29	4.57	-820.20	-1.49	0.53
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.547e+04	-1.422e+04	-538.84	-5.105e+04	-92.88	-3.97
			5237.08	1.486e+04	541.97	4.976e+04	441.21	6.44

Macro	Tipo	Angolo 1-Z (gradi)
332	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
332	1	388.00	-9516.25	730.07	1.22	-1289.35	0.61	0.45
332	1	440.81	-1.254e+04	892.33	7.66	-3604.48	5.35	1.31
332	1	518.63	-1.130e+04	866.57	2.95	-3057.58	8.62	0.50
...								
332	132	674.25	-7887.67	-51.40	-7.17	-3282.78	2.05	-0.85
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.935e+04	-1.371e+04	-542.44	-5.061e+04	-441.90	-5.67
			8506.26	1.360e+04	538.93	3.987e+04	102.16	4.47

Macro	Tipo	Angolo 1-Z (gradi)
333	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
333	1	388.00	-7656.43	17.48	-59.01	341.33	-13.90	-6.67
333	1	440.81	-6135.77	58.04	-47.74	685.07	-11.75	-6.16
333	1	518.63	-7112.51	46.39	-20.57	567.24	-33.65	-2.36
...								
333	132	674.25	-6148.52	86.13	-0.29	316.19	0.17	0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.682e+04	-1575.67	-97.84	-1945.37	-61.43	-11.34
			4140.27	1650.85	81.83	2849.78	12.42	10.77

Macro	Tipo	Angolo 1-Z (gradi)
334	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
334	1	1350.75	-251.04	-986.50	-8.50	-87.60	-2.03	-0.22
334	1	1411.92	-521.62	-991.39	-9.05	-270.59	-2.16	-0.26
334	1	1411.92	-521.62	-991.39	-9.05	-270.59	-2.16	-0.26
...								
334	132	1436.98	-41.26	71.28	-0.98	-16.54	-1.13	0.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2188.06	-2842.56	-102.11	-2608.07	-44.00	-1.62
			1954.24	505.03	144.85	1963.26	85.02	0.62

Macro	Tipo	Angolo 1-Z (gradi)
335	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
335	1	684.25	-7041.11	132.07	-108.38	186.82	5.42	-1.88
335	1	694.25	-7041.11	132.07	-108.38	186.82	5.42	-1.47
335	2	684.25	-1.043e+04	558.79	-108.38	752.83	5.42	-1.95
...								
335	132	694.25	-5643.95	78.02	0.0	114.21	0.0	-0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.047e+04	-883.03	-180.64	-1041.46	-2.95	-10.58
			-2105.56	1039.06	49.29	1269.89	9.03	10.40

Macro	Tipo	Angolo 1-Z (gradi)
336	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
336	1	684.25	-6857.49	195.80	-108.38	227.81	5.42	2.05
336	1	694.25	-6857.49	195.80	-108.38	227.81	5.42	1.60
336	2	684.25	-9972.83	656.59	-108.38	818.18	5.42	1.98
...								
336	132	694.25	-5518.23	128.02	0.0	145.02	0.0	-0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.005e+04	-903.03	-180.64	-1022.70	-3.24	-10.54
			-2039.92	1159.06	54.40	1312.75	9.03	10.35

Macro	Tipo	Angolo 1-Z (gradi)
337	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
337	1	684.25	-7825.73	343.53	-47.59	1221.54	2.38	0.46
337	1	694.25	-7825.73	343.53	-47.59	1221.54	2.38	-1.94
337	2	684.25	-1.087e+04	444.44	-44.85	4166.59	2.24	1.01
...								
337	132	694.25	-6659.55	271.60	7.61	782.29	-0.38	-0.20
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.390e+04	-385.86	-92.86	-4681.78	-1.62	-11.58
			581.54	929.05	45.08	6246.37	4.64	11.18

Macro	Tipo	Angolo 1-Z (gradi)
338	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
338	1	684.25	-3129.97	-239.06	-82.34	526.08	4.12	1.04
338	1	694.25	-3129.97	-239.06	-82.34	526.08	4.12	5.07
338	2	684.25	-3258.45	-406.91	-76.75	1355.97	3.84	1.51
...								
338	132	694.25	-2895.90	-150.17	7.06	399.38	-0.35	0.39
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9505.20	-872.90	-150.16	-1001.41	-2.15	-5.19
			3713.40	572.57	42.96	1800.17	7.51	8.57

Macro	Tipo	Angolo 1-Z (gradi)
339	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
339	1	684.25	-1.346e+04	1259.92	-0.64	984.20	0.03	3.83
339	1	694.25	-1.346e+04	1259.92	-0.64	984.20	0.03	4.08
339	2	684.25	-2.209e+04	2183.52	-18.50	3920.20	0.93	3.59
...								
339	132	694.25	-1.030e+04	251.71	0.80	-847.34	-0.04	2.27
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.271e+04	-1.164e+04	-233.70	-2.230e+04	-38.68	-25.01
			-726.26	1.214e+04	773.54	2.060e+04	8.56	29.55

Macro	Tipo	Angolo 1-Z (gradi)
340	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
340	1	674.25	-1.184e+04	508.16	7.98	-1594.41	0.40	6.55
340	1	684.25	-1.184e+04	508.16	7.98	-1594.41	0.40	5.78
340	2	674.25	-1.560e+04	573.22	28.27	-4696.83	1.41	6.95
...								
340	132	684.25	-9091.76	-86.62	4.87	-1657.68	0.24	4.43
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.569e+04	-6514.71	-71.44	-9860.41	-3.00	-3.19
			-4722.99	6341.48	81.17	6545.04	3.49	13.31

Macro	Tipo	Angolo 1-Z (gradi)
341	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
341	1	674.25	-9282.61	-187.43	25.91	-987.68	1.30	0.29
341	1	684.25	-9282.61	-187.43	25.91	-987.68	1.30	0.93
341	2	674.25	-1.264e+04	-744.43	24.56	-1165.31	1.23	0.69
...								
341	132	684.25	-7413.94	-117.46	-0.57	-845.17	-0.03	-0.47
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.266e+04	-1752.67	-221.43	-1413.73	-11.07	-10.58
			-2540.31	1517.76	44.34	-120.41	2.22	9.65

Macro	Tipo	Angolo 1-Z (gradi)
342	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
342	1	674.25	-4823.19	67.80	-3.34	572.23	-0.17	1.89
342	1	684.25	-4823.19	67.80	-3.34	572.23	-0.17	1.96
342	2	674.25	-7766.74	12.28	-0.63	1340.05	-0.03	3.59
...								
342	132	684.25	-3739.30	-108.36	-1.81	270.28	-0.09	1.19
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8157.10	-2334.49	-286.66	-2202.29	-14.33	-11.95
			447.36	2117.77	57.18	2742.86	2.86	14.32

Macro	Tipo	Angolo 1-Z (gradi)
343	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
343	1	674.25	-7600.90	-248.26	35.46	1231.69	1.77	-1.82
343	1	684.25	-7600.90	-248.26	35.46	1231.69	1.77	-2.27
343	2	674.25	-9775.76	-892.39	33.40	2831.61	1.67	-2.09
...								
343	132	684.25	-5541.15	-165.69	2.10	979.04	0.10	-0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.093e+04	-2167.73	-272.98	-1385.81	-13.65	-53.77
			-153.05	1836.36	57.34	3343.88	3.12	53.64

Macro	Tipo	Angolo 1-Z (gradi)
344	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
344	1	674.25	-8747.87	-65.88	36.14	210.25	1.81	0.16
344	1	684.25	-8747.87	-65.88	36.14	210.25	1.81	0.56
344	2	674.25	-1.143e+04	-290.27	36.15	898.78	1.81	-0.28
...								
344	132	684.25	-6696.04	-45.71	5.05e-04	144.76	2.51e-05	1.48e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.143e+04	-1207.02	-301.20	-517.87	-15.06	-11.30
			-2559.99	1115.60	95.96	966.97	4.76	11.31

Macro	Tipo	Angolo 1-Z (gradi)
345	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
345	1	674.25	-1.573e+04	-834.94	31.00	2712.09	1.55	-6.26
345	1	684.25	-1.573e+04	-834.94	31.00	2712.09	1.55	-5.52
345	2	674.25	-2.097e+04	-2795.94	29.56	8253.97	1.48	-14.30
...								
345	132	684.25	-1.170e+04	-686.90	2.23	2232.46	0.11	-3.55
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.097e+04	-5166.42	-241.79	-5280.65	-12.09	-41.61
			-3296.18	3792.62	48.58	9745.56	2.96	34.52

Macro	Tipo	Angolo 1-Z (gradi)
346	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
346	1	674.25	-5424.34	319.51	24.49	126.96	1.22	-1.13
346	1	684.25	-5424.34	319.51	24.49	126.96	1.22	-1.00
346	2	674.25	-7881.64	622.25	25.27	114.78	1.26	-1.61
...								
346	132	684.25	-3926.74	307.13	7.90	80.71	0.39	0.64
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-7881.64	-99.50	-130.05	-107.43	-6.50	-41.31
		-173.42	713.75	36.35	268.85	3.41	42.58

Macro	Tipo	Angolo 1-Z (gradi)
347	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
347	1	674.25	-1.090e+04	-199.65	40.43	294.01	2.02	-0.47
347	1	684.25	-1.090e+04	-199.65	40.43	294.01	2.02	-0.57
347	2	674.25	-1.420e+04	-612.88	40.43	1329.83	2.02	-1.43
...								
347	132	684.25	-8354.48	-154.16	3.06e-04	208.46	1.53e-05	0.22
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.420e+04	-1435.69	-336.90	-1267.96	-16.84	-16.15
			-3115.31	1127.37	67.38	1684.87	7.31	16.82

Macro	Tipo	Angolo 1-Z (gradi)
348	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
348	1	674.25	-8076.74	-319.36	40.98	-381.69	2.05	2.52
348	1	684.25	-8076.74	-319.36	40.98	-381.69	2.05	2.71
348	2	674.25	-1.015e+04	-1189.98	47.70	736.74	2.38	1.79
...								
348	132	684.25	-5916.84	-275.22	3.07	-387.37	0.15	0.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.067e+04	-2741.46	-301.32	-2890.16	-15.07	-80.44
			-1160.70	2191.03	68.79	2115.43	6.02	80.96

Macro	Tipo	Angolo 1-Z (gradi)
349	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
349	1	674.25	-2252.21	-59.69	6.18	-30.79	0.31	1.02
349	1	684.25	-2252.21	-59.69	6.18	-30.79	0.31	0.35
349	2	674.25	-2283.17	-47.26	13.31	-35.31	0.67	1.97
...								
349	132	684.25	-1880.11	-39.18	4.96	-20.06	0.25	0.40
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3563.17	-151.53	-1.35	-101.38	-0.18	-1.11
			-197.04	73.17	13.46	61.27	0.68	2.27

Macro	Tipo	Angolo 1-Z (gradi)
350	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
350	1	388.00	-1.274e+04	-181.55	-23.32	1225.34	-5.83	-0.99
350	1	440.81	-1.186e+04	-160.73	-20.63	1663.66	-5.59	-0.97

350	1	518.63	-1.224e+04	-167.14	-8.53	1359.87	-14.74	-0.46
...								
350	132	674.25	-7032.54	-28.06	0.61	360.49	-0.23	-0.47
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.037e+04	-2337.14	-117.07	-4214.05	-24.74	-8.29
			-2195.01	2121.06	161.13	6513.37	113.42	13.78

Macro	Tipo	Angolo 1-Z (gradi)
351	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
351	1	674.25	-3022.01	61.46	31.41	92.90	1.57	-2.64
351	1	684.25	-3022.01	61.46	31.41	92.90	1.57	3.55
351	2	674.25	-5533.50	16.08	57.95	169.57	2.90	-5.25
...								
351	132	684.25	-2363.76	11.44	27.55	75.27	1.38	3.25
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5733.55	-538.27	0.90	-4.32	0.05	-5.37
			11.10	561.16	59.40	169.57	2.97	9.22

Macro	Tipo	Angolo 1-Z (gradi)
352	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
352	1	674.25	-9466.90	549.67	20.69	-2436.80	1.03	-2.74
352	1	684.25	-9466.90	549.67	20.69	-2436.80	1.03	-1.87
352	2	674.25	-5891.66	53.13	54.11	-4660.63	2.71	-2.62
...								
352	132	684.25	-7480.83	-233.74	14.35	-2951.92	0.72	-0.89
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.650e+04	-1.157e+04	-112.03	-1.932e+04	-7.86	-12.09
			1542.31	1.110e+04	589.50	1.342e+04	29.47	10.31

Macro	Tipo	Angolo 1-Z (gradi)
353	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
353	1	674.25	-2.706e+04	-631.36	-3.13	9546.27	-0.16	0.14
353	1	684.25	-2.706e+04	-631.36	-3.13	9546.27	-0.16	-0.18
353	2	674.25	-3.823e+04	-2383.88	-5.16	1.717e+04	-0.26	0.16
...								
353	132	684.25	-2.088e+04	-377.00	-1.51	7076.84	-0.08	-0.05
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.864e+04	-5345.55	-80.08	-236.86	-5.10	-53.72
			-6907.90	4591.56	77.06	1.759e+04	4.95	53.61

Macro	Tipo	Angolo 1-Z (gradi)
354	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
354	1	674.25	-7956.14	18.60	-0.95	-885.69	-0.05	-0.16
354	1	684.25	-7956.14	18.60	-0.95	-885.69	-0.05	-0.07
354	2	674.25	-1.023e+04	-76.32	-1.95	-1096.69	-0.10	-0.30
...								
354	132	684.25	-6252.00	24.56	-0.71	-682.96	-0.04	-0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.055e+04	-543.68	-17.93	-1096.69	-2.37	-30.64
			-2050.45	592.79	16.50	-114.54	2.30	30.56

Macro	Tipo	Angolo 1-Z (gradi)
355	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
355	1	674.25	-7833.49	149.51	11.54	65.49	0.58	0.37
355	1	684.25	-7833.49	149.51	11.54	65.49	0.58	0.39
355	2	674.25	-9386.59	38.36	26.26	-314.66	1.31	-0.35
...								
355	132	684.25	-6004.58	-62.02	7.82	-77.52	0.39	0.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9386.59	-3125.72	-11.30	-2535.37	-1.31	-20.32
			-3006.85	3001.67	71.58	2380.32	3.58	20.83

Macro	Tipo	Angolo 1-Z (gradi)
356	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
356	1	674.25	-6.719e+04	-2971.95	55.40	5.421e+04	2.77	4.47
356	1	684.25	-6.719e+04	-2971.95	55.40	5.421e+04	2.77	4.19
356	2	674.25	-8.701e+04	-1.031e+04	42.87	9.839e+04	2.14	4.15
...								
356	132	684.25	-5.155e+04	-1836.73	4.60	4.202e+04	0.23	3.30
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8.701e+04	-2.174e+04	-429.70	-1881.12	-21.49	-50.23
			-1.814e+04	1.807e+04	88.86	1.016e+05	6.13	56.84

Macro	Tipo	Angolo 1-Z (gradi)
357	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
357	1	674.25	-6577.27	643.60	5.01	-446.56	0.25	-4.73
357	1	684.25	-6577.27	643.60	5.01	-446.56	0.25	-6.43
357	2	674.25	-9795.74	1013.67	14.98	-786.78	0.75	-3.40
...								
357	132	684.25	-4820.71	383.28	3.62	-343.96	0.18	-5.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9795.74	-1162.98	-32.09	-805.03	-1.09	-14.84
			-1206.56	1929.54	39.32	-29.10	1.45	4.55

Macro	Tipo	Angolo 1-Z (gradi)
358	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
358	1	674.25	-1.126e+04	-289.83	27.23	1152.86	1.36	-0.76
358	1	684.25	-1.126e+04	-289.83	27.23	1152.86	1.36	-1.10
358	2	674.25	-1.674e+04	-834.98	24.32	2355.56	1.22	-0.19
...								
358	132	684.25	-9113.63	-215.71	1.36	909.81	0.07	-0.48
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.690e+04	-1643.69	-217.52	42.19	-10.88	-8.93
			-3141.76	1212.27	44.31	2423.35	2.22	7.60

Macro	Tipo	Angolo 1-Z (gradi)
359	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
359	1	674.25	-2.920e+04	1774.33	-34.64	5867.25	-1.73	7.01
359	1	684.25	-2.920e+04	1774.33	-34.64	5867.25	-1.73	-0.14
359	2	674.25	-4.098e+04	2348.46	-67.49	8888.30	-3.37	20.27
...								
359	132	684.25	-2.317e+04	-86.27	-31.93	612.42	-1.60	0.29
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.160e+04	-1.843e+04	-183.89	-4.568e+04	-6.56	-8.14
			-1.140e+04	1.825e+04	120.03	4.690e+04	3.37	22.59

Macro	Tipo	Angolo 1-Z (gradi)
360	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
360	1	674.25	-5906.05	221.15	7.69	-246.35	0.38	0.79
360	1	684.25	-5906.05	221.15	7.69	-246.35	0.38	0.48
360	2	674.25	-7648.15	294.78	21.67	-312.81	1.08	1.66
...								
360	132	684.25	-4364.96	167.17	6.11	-157.69	0.31	0.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7648.15	37.03	-92.68	-542.71	-4.63	-13.63
			-1443.67	299.22	38.98	227.32	2.66	14.16

Macro	Tipo	Angolo 1-Z (gradi)
361	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
361	1	674.25	-6.951e+04	-2412.37	-5.23	2.987e+04	-0.26	-5.18
361	1	684.25	-6.951e+04	-2412.37	-5.23	2.987e+04	-0.26	-5.23
361	2	674.25	-9.567e+04	-8152.97	-6.51	5.992e+04	-0.33	-9.63
...								
361	132	684.25	-5.436e+04	-1628.51	-2.83	2.082e+04	-0.14	-3.95
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9.578e+04	-1.624e+04	-156.92	-1.997e+04	-10.31	-52.37
			-1.922e+04	1.298e+04	151.26	6.259e+04	10.02	44.47

Macro	Tipo	Angolo 1-Z (gradi)
362	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
362	1	674.25	-9697.33	806.20	16.64	-3637.04	0.83	-8.81
362	1	684.25	-9697.33	806.20	16.64	-3637.04	0.83	-9.09
362	2	674.25	-7477.09	228.97	43.03	-1.097e+04	2.15	-16.12
...								
362	132	684.25	-7943.24	-62.73	12.28	-3840.66	0.61	-6.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.762e+04	-1.329e+04	-159.59	-2.407e+04	-7.92	-34.55
			1732.28	1.316e+04	807.66	1.639e+04	40.38	22.37

Macro	Tipo	Angolo 1-Z (gradi)
363	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
363	1	674.25	-9916.96	637.52	7.49	-2501.27	0.37	-1.67
363	1	684.25	-9916.96	637.52	7.49	-2501.27	0.37	-2.44
363	2	674.25	-1.405e+04	578.01	19.50	-5206.70	0.97	-5.04
...								
363	132	684.25	-7701.37	187.89	5.46	-2257.03	0.27	-1.75
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.406e+04	-5748.58	-44.43	-7409.99	-3.06	-37.29
			-3612.71	6124.35	55.35	2895.93	3.60	33.78

Macro	Tipo	Angolo 1-Z (gradi)
364	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
364	1	674.25	-1.170e+04	-53.59	43.55	554.17	2.18	-99.94
364	1	684.25	-1.170e+04	-53.59	43.55	554.17	2.18	-102.18
364	2	674.25	-1.802e+04	-311.27	85.64	529.25	4.28	-187.96
...								
364	132	684.25	-9584.19	-370.17	38.01	9.23	1.90	-90.45
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.903e+04	-5291.42	-34.86	-2007.05	-0.40	-192.78
			-3729.73	4551.09	110.89	2025.51	4.35	-18.28

Macro	Tipo	Angolo 1-Z (gradi)
365	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
365	1	674.25	-5063.94	272.49	57.57	-9.31	2.88	63.18
365	1	684.25	-5063.94	272.49	57.57	-9.31	2.88	70.77
365	2	674.25	-7215.29	292.60	108.23	-39.45	5.41	113.91
...								
365	132	684.25	-4069.63	163.52	49.80	-23.80	2.49	62.69
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-7215.29	-952.51	7.44	-256.49	0.37	10.28
		-1956.56	1279.54	108.23	208.89	5.41	128.26

Macro	Tipo	Angolo 1-Z (gradi)
366	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
366	1	363.00	-2199.22	54.15	1.47	6.77e-04	0.46	-0.19
366	1	440.81	-7559.19	166.82	1.98	873.76	2.51	-0.21
366	1	518.63	-7267.22	495.67	3.75	578.85	3.43	-0.64
...								
366	132	684.25	-5152.16	-12.89	50.59	-392.76	42.60	2.27
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.058e+04	-3546.91	-95.29	-1.204e+04	-29.65	-6.95
			8536.11	3672.93	137.50	1.117e+04	114.84	7.31

Macro	Tipo	Angolo 1-Z (gradi)
367	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
367	1	388.00	-2175.91	-26.29	0.95	0.0	0.41	0.66
367	1	440.81	-2729.32	-11.70	1.34	0.0	1.91	0.65
367	1	518.63	-2283.74	-19.90	0.40	-37.48	2.48	0.12
...								
367	132	674.25	-1741.48	-53.78	-1.23	0.0	0.52	-0.53
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7725.55	-787.27	-9.56	-628.55	-3.80	-2.54
			3891.49	624.61	8.58	477.42	6.78	3.05

Macro	Tipo	Angolo 1-Z (gradi)
368	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
368	1	363.00	-3960.07	-442.65	10.40	616.98	4.83	0.20
368	1	440.81	-4887.73	-409.37	26.90	1332.38	11.50	0.17
368	1	518.63	-3989.59	-386.16	-22.95	1018.11	7.40	0.01
...								
368	132	684.25	-1688.63	-231.20	11.60	525.64	-2.60	-0.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.876e+04	-3166.95	-228.47	-6481.95	-100.57	-2.13
			1.387e+04	2577.76	228.13	8098.31	97.35	1.62

Macro	Tipo	Angolo 1-Z (gradi)
369	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
369	1	388.00	-1.459e+04	613.45	-7.62	-2279.94	-1.87	-1.03
369	1	440.81	-1.509e+04	605.27	-4.18	-1448.88	-1.37	-0.99

369	1	518.63	-1.413e+04	593.98	-9.65	-1924.65	-7.00	-0.49
...								
369	132	674.25	-9663.30	-144.60	16.79	-2439.55	-6.46	0.27
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.099e+04	-8183.35	-44.99	-2.812e+04	-21.04	-4.22
			-4998.76	7897.74	36.79	2.269e+04	12.30	3.53

Macro	Tipo	Angolo 1-Z (gradi)
370	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
370	1	363.00	-401.00	-88.41	3.75	-4.03e-05	1.32	0.80
370	1	440.81	-1071.60	-59.25	10.62	2.64e-04	3.41	0.61
370	1	518.63	-763.49	-70.35	-5.07	18.11	2.76	-0.69
...								
370	132	684.25	-1236.01	-1.16	1.46	-10.25	-0.93	0.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7956.63	-759.65	-88.27	-167.42	-28.58	-6.46
			6077.26	664.09	88.78	196.61	28.69	6.53

Macro	Tipo	Angolo 1-Z (gradi)
371	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
371	1	363.00	-1190.24	-132.48	3.96	0.0	1.40	-0.55
371	1	440.81	-373.53	-79.46	3.94	0.0	2.35	-0.42
371	1	518.63	-622.53	-71.43	-4.89	5.99	1.84	0.54
...								
371	132	684.25	-842.11	9.80	2.51	-0.28	-0.95	-0.36
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6029.04	-592.82	-33.90	-67.29	-19.92	-4.85
			3715.59	383.68	33.91	68.89	19.92	4.86

Macro	Tipo	Angolo 1-Z (gradi)
372	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
372	1	388.00	-1.692e+04	-671.96	-9.63	3497.85	-1.85	1.37
372	1	440.81	-1.283e+04	-535.30	-11.32	1951.53	-2.86	0.27
372	1	518.63	-1.717e+04	-655.89	-0.68	4103.04	-1.76	0.19
...								
372	132	674.25	-1.150e+04	-485.98	0.54	1849.00	0.85	-0.92
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.433e+04	-6253.47	-134.32	-1.363e+04	-19.87	-4.73
			2040.37	5262.48	174.74	1.939e+04	111.99	5.49

Macro	Tipo	Angolo 1-Z (gradi)
373	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
373	1	388.00	-8434.05	-560.14	-26.32	486.85	-6.36	2.01
373	1	440.81	-9120.85	-547.43	-6.95	950.32	-3.77	1.93
373	1	518.63	-8618.20	-549.23	-13.06	543.46	-15.21	0.40
...								
373	132	674.25	-5972.20	-454.72	-0.07	-259.60	-0.02	-0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.689e+04	-3665.76	-198.99	-8887.89	-32.37	-12.57
			4306.41	2751.42	219.52	9679.43	166.53	12.23

Macro	Tipo	Angolo 1-Z (gradi)
374	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
374	1	674.25	-4.668e+04	-1905.48	50.32	-3.357e+04	2.52	-3.51
374	1	684.25	-4.668e+04	-1905.48	50.32	-3.357e+04	2.52	-4.05
374	2	674.25	-6.225e+04	-6479.66	60.71	-3.222e+04	3.04	-8.31
...								
374	132	684.25	-3.566e+04	-1316.44	-2.61	-2.753e+04	-0.13	-2.56
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6.225e+04	-1.225e+04	-466.42	-5.984e+04	-23.32	-64.60
			-1.202e+04	9617.82	110.78	4781.16	6.74	59.48

Macro	Tipo	Angolo 1-Z (gradi)
375	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
375	1	674.25	-1372.13	-123.95	-8.14	-10.04	-0.41	-1.16
375	1	684.25	-1372.13	-123.95	-8.14	-10.04	-0.41	-4.48
375	2	674.25	-1775.06	-136.03	-16.54	-7.20	-0.83	-2.36
...								
375	132	684.25	-1201.15	-47.03	-6.58	-4.24	-0.33	-3.62
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2728.64	-710.30	-35.07	-85.95	-0.83	-12.26
			326.34	616.23	21.90	77.48	0.10	4.08

Macro	Tipo	Angolo 1-Z (gradi)
376	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
376	1	674.25	-1.086e+04	1255.43	1.65	-2772.83	0.08	-2.98
376	1	684.25	-1.086e+04	1255.43	1.65	-2772.83	0.08	-3.37
376	2	674.25	-1.383e+04	1813.07	9.91	-3586.71	0.50	-6.84
...								
376	132	684.25	-8374.66	416.26	0.86	-3112.47	0.04	-2.28
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.383e+04	-8299.36	-97.67	-1.648e+04	-6.65	-38.68
			-4121.03	9131.87	99.38	1.025e+04	6.73	34.60

Macro	Tipo	Angolo 1-Z (gradi)
377	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
377	1	674.25	-6740.42	-165.45	62.79	584.31	3.14	2.41
377	1	684.25	-6740.42	-165.45	62.79	584.31	3.14	-1.50
377	2	674.25	-1.083e+04	-372.57	57.19	971.13	2.86	3.59
...								
377	132	684.25	-5628.20	-143.23	-6.34	466.21	-0.32	0.37
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.164e+04	-806.08	-35.30	71.37	-1.77	-4.12
			-871.66	519.62	116.36	971.13	5.82	4.86

Macro	Tipo	Angolo 1-Z (gradi)
378	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
378	1	674.25	-1.702e+04	-438.54	53.13	-15.62	2.66	-1.09
378	1	684.25	-1.702e+04	-438.54	53.13	-15.62	2.66	1.48
378	2	674.25	-2.580e+04	-1128.00	39.42	1267.31	1.97	6.66e-03
...								
378	132	684.25	-1.406e+04	-291.90	-12.79	-77.50	-0.64	0.41
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.699e+04	-2534.26	-45.34	-3079.07	-2.27	-3.38
			-3637.27	1950.45	112.58	2924.08	5.63	4.74

Macro	Tipo	Angolo 1-Z (gradi)
379	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
379	1	674.25	-1.265e+04	-16.40	100.89	26.35	5.04	-1.98
379	1	684.25	-1.265e+04	-16.40	100.89	26.35	5.04	-2.53
379	2	674.25	-1.966e+04	81.25	100.89	-29.74	5.04	-2.41
...								
379	132	684.25	-1.021e+04	-21.30	0.0	26.84	0.0	-0.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.975e+04	-227.60	-46.43	-388.61	-3.13	-5.65
			-2911.14	184.99	168.15	442.30	8.41	5.13

Macro	Tipo	Angolo 1-Z (gradi)
380	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
380	1	674.25	-1.250e+04	107.83	100.89	-95.48	5.04	1.10
380	1	684.25	-1.250e+04	107.83	100.89	-95.48	5.04	1.42
380	2	674.25	-1.916e+04	245.46	100.89	-215.46	5.04	0.67
...								
380	132	684.25	-1.011e+04	77.25	0.0	-67.12	0.0	-0.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.923e+04	-114.32	-41.78	-498.86	-2.79	-9.82
			-2921.08	268.82	168.15	364.62	8.41	9.29

Macro	Tipo	Angolo 1-Z (gradi)
381	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
381	1	674.25	-9950.39	-123.63	15.04	-483.64	0.75	-5.72
381	1	684.25	-9950.39	-123.63	15.04	-483.64	0.75	-6.84
381	2	674.25	-1.626e+04	-435.00	18.00	-189.46	0.90	-17.01
...								
381	132	684.25	-8353.61	-111.42	6.30	-382.44	0.31	-10.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.701e+04	-914.90	-98.82	-876.06	-2.79	-45.98
			-2340.35	692.05	111.41	246.20	3.42	25.93

Macro	Tipo	Angolo 1-Z (gradi)
382	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
382	1	674.25	-1.215e+04	-56.66	106.03	1279.93	5.30	8.68
382	1	684.25	-1.215e+04	-56.66	106.03	1279.93	5.30	7.81
382	2	674.25	-1.871e+04	-268.06	128.69	2552.96	6.43	17.10
...								
382	132	684.25	-9970.97	-11.78	36.13	953.64	1.81	12.05
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.891e+04	-1317.59	-3.51	-159.58	-0.03	-22.01
			-3333.98	1294.04	167.58	2613.48	8.38	46.11

Macro	Tipo	Angolo 1-Z (gradi)
383	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
383	1	674.25	-1.243e+04	-0.58	100.89	-2.31	5.04	-1.47
383	1	684.25	-1.243e+04	-0.58	100.89	-2.31	5.04	-1.88
383	2	674.25	-1.930e+04	94.62	100.89	-80.92	5.04	-1.55
...								
383	132	684.25	-1.004e+04	-6.72	0.0	5.31	0.0	-0.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.935e+04	-192.83	-43.83	-415.59	-2.94	-10.60
			-2937.35	179.38	168.15	426.20	8.41	10.42

Macro	Tipo	Angolo 1-Z (gradi)
384	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
384	1	674.25	-1.222e+04	103.28	100.89	-71.23	5.04	1.59
384	1	684.25	-1.222e+04	103.28	100.89	-71.23	5.04	2.05
384	2	674.25	-1.880e+04	266.29	100.89	-186.85	5.04	1.51
...								
384	132	684.25	-9906.41	70.86	0.0	-47.22	0.0	-0.09
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-1.889e+04	-112.40	-50.01	-485.32	-3.18	-10.66
		-2861.21	271.01	168.15	390.89	8.41	10.47

Macro	Tipo	Angolo 1-Z (gradi)
385	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
385	1	674.25	-1.610e+04	66.50	57.03	1337.74	2.85	1.28
385	1	684.25	-1.610e+04	66.50	57.03	1337.74	2.85	-0.06
385	2	674.25	-2.436e+04	-342.81	53.25	3355.85	2.66	1.72
...								
385	132	684.25	-1.340e+04	82.25	-7.45	949.80	-0.37	-0.28
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.570e+04	-1821.52	-35.37	-1642.94	-1.77	-9.45
			-3320.35	1986.02	108.51	3542.54	5.43	8.89

Macro	Tipo	Angolo 1-Z (gradi)
386	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
386	1	674.25	-7895.95	-63.57	80.62	-799.02	4.03	-1.86
386	1	684.25	-7895.95	-63.57	80.62	-799.02	4.03	2.01
386	2	674.25	-1.136e+04	-344.12	76.07	-1133.36	3.80	-1.85
...								
386	132	684.25	-6738.39	-0.19	-7.36	-644.28	-0.37	-0.14
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.259e+04	-1340.87	-42.20	-1133.36	-2.11	-5.42
			-881.93	1340.49	147.47	-95.77	7.37	5.14

Macro	Tipo	Angolo 1-Z (gradi)
387	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
387	1	674.25	-1.407e+04	1616.62	0.64	395.68	0.03	3.73
387	1	684.25	-1.407e+04	1616.62	0.64	395.68	0.03	3.97
387	2	674.25	-2.314e+04	2434.88	18.50	2756.20	0.93	3.48
...								
387	132	684.25	-1.078e+04	315.43	-0.80	-1359.86	-0.04	2.20
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.378e+04	-1.386e+04	-773.54	-2.316e+04	-38.68	-24.13
			-1059.77	1.449e+04	164.72	2.044e+04	8.56	28.53

Macro	Tipo	Angolo 1-Z (gradi)
388	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
388	1	388.00	-7608.73	-482.11	-67.11	1.23	-18.27	7.26
388	1	440.81	-6657.69	-505.74	-49.25	-266.75	-15.61	6.63

388	1	518.63	-7497.77	-496.30	-27.57	-312.10	-44.62	2.49
...								
388	132	674.25	-6904.21	-347.80	-0.77	-493.36	0.27	-0.13
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.885e+04	-2565.61	-112.45	-3871.07	-81.93	-12.05
			5809.64	1924.90	101.02	3434.45	17.39	12.27

Macro	Tipo	Angolo 1-Z (gradi)
426	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
426	1	388.00	-9646.25	-409.02	-8.51	642.23	-2.25	-1.53
426	1	440.81	-9646.25	-409.02	-8.51	642.23	-2.25	-1.39
426	1	518.63	-9684.47	-406.76	-12.01	361.17	-9.17	-0.46
...								
426	132	674.25	-8312.64	-264.55	1.41	-267.75	-0.55	0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.752e+04	-2870.50	-48.77	-7001.36	-29.28	-2.82
			-842.18	2341.11	50.37	7676.40	28.34	2.52

Macro	Tipo	Angolo 1-Z (gradi)
389	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
389	1	684.25	-1.129e+04	227.17	1.70	-1557.17	-0.08	5.73
389	1	694.25	-1.129e+04	227.17	1.70	-1557.17	-0.08	7.04
389	2	684.25	-1.484e+04	249.59	-18.57	-4725.50	0.93	6.82
...								
389	132	694.25	-8755.11	-200.46	2.88	-1822.59	-0.14	5.44
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.517e+04	-5323.27	-67.19	-1.260e+04	-3.19	-1.15
			-4585.78	4922.35	72.94	8954.25	2.90	10.24

Macro	Tipo	Angolo 1-Z (gradi)
390	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
390	1	684.25	-4534.63	-372.63	-26.00	464.63	1.30	0.77
390	1	694.25	-4534.63	-372.63	-26.00	464.63	1.30	1.42
390	2	684.25	-4556.89	-866.67	-23.79	1551.44	1.19	1.32
...								
390	132	694.25	-3571.32	-286.52	-9.50e-03	317.48	4.82e-04	-0.43
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6758.08	-1243.37	-43.74	-1345.61	-10.99	-13.97
			-384.55	670.32	219.85	1980.58	2.19	10.24

Macro	Tipo	Angolo 1-Z (gradi)
391	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
391	1	684.25	-4495.26	-362.51	1.44	692.67	-0.07	2.04
391	1	694.25	-4495.26	-362.51	1.44	692.67	-0.07	1.44
391	2	684.25	-7262.51	-714.15	-3.94	1508.04	0.20	4.63
...								
391	132	694.25	-3558.23	-364.47	0.65	293.17	-0.03	0.87
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7764.64	-1931.38	-76.72	-3341.71	-14.52	-11.82
			247.58	1202.45	290.48	3928.05	3.02	15.10

Macro	Tipo	Angolo 1-Z (gradi)
392	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
392	1	684.25	-5014.26	-61.42	-34.70	659.02	1.74	-2.20
392	1	694.25	-5014.26	-61.42	-34.70	659.02	1.74	-2.57
392	2	684.25	-6445.54	-437.24	-32.38	2380.91	1.62	-2.64
...								
392	132	694.25	-3544.34	2.72	-2.06	524.16	0.10	0.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8950.68	-1334.45	-69.24	-2733.55	-13.37	-53.62
			1862.00	1339.89	267.33	3781.88	2.85	53.36

Macro	Tipo	Angolo 1-Z (gradi)
393	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
393	1	684.25	-5810.48	11.34	-38.83	585.89	1.94	0.47
393	1	694.25	-5810.48	11.34	-38.83	585.89	1.94	0.73
393	2	684.25	-7235.61	64.41	-38.83	2154.04	1.94	0.12
...								
393	132	694.25	-4437.10	5.69	5.94e-04	422.28	-2.97e-05	0.19
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7235.61	-132.98	-115.31	-2337.33	-16.18	-11.25
			-2157.06	144.36	323.57	3181.89	5.14	11.13

Macro	Tipo	Angolo 1-Z (gradi)
394	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
394	1	684.25	-9812.80	-749.37	-40.53	2452.02	2.03	-5.54
394	1	694.25	-9812.80	-749.37	-40.53	2452.02	2.03	-6.20
394	2	684.25	-1.196e+04	-2464.20	-48.76	8087.27	2.44	-13.13
...								
394	132	694.25	-7106.79	-579.21	-11.83	1921.84	0.59	-3.93
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.393e+04	-3708.97	-73.78	-7362.06	-11.19	-41.68
			-279.28	2550.54	223.81	1.121e+04	3.13	34.51

Macro	Tipo	Angolo 1-Z (gradi)
395	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
395	1	684.25	-3393.79	453.53	-10.54	109.48	0.53	-0.88
395	1	694.25	-3393.79	453.53	-10.54	109.48	0.53	-1.87
395	2	684.25	-5195.84	965.88	-7.32	547.78	0.37	-1.36
...								
395	132	694.25	-2328.20	412.97	4.72	94.53	-0.24	0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6162.58	-48.60	-65.59	-647.26	-6.77	-41.27
			1506.19	1060.12	135.33	836.32	4.84	42.47

Macro	Tipo	Angolo 1-Z (gradi)
396	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
396	1	684.25	-7138.94	-18.69	-43.43	791.84	2.17	-0.56
396	1	694.25	-7138.94	-18.69	-43.43	791.84	2.17	-0.57
396	2	684.25	-8851.00	-138.80	-43.43	2868.71	2.17	-1.82
...								
396	132	694.25	-5457.51	-21.59	3.65e-04	577.37	-1.82e-05	0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8851.00	-565.84	-72.38	-3066.67	-18.10	-14.40
			-2592.45	522.66	361.92	4221.42	7.25	14.90

Macro	Tipo	Angolo 1-Z (gradi)
397	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
397	1	684.25	-5047.40	-295.16	-39.94	673.68	2.00	2.66
397	1	694.25	-5047.39	-295.16	-39.94	673.68	2.00	2.75
397	2	684.25	-5451.36	-898.53	-47.86	2662.86	2.39	1.34
...								
397	132	694.25	-3591.84	-268.50	-2.79	427.29	0.14	0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8686.72	-1872.62	-67.66	-2885.64	-14.68	-80.26
			1503.03	1335.62	293.66	3740.21	5.69	80.90

Macro	Tipo	Angolo 1-Z (gradi)
398	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
398	1	684.25	-2102.38	27.87	-4.70	17.54	0.23	0.53
398	1	694.25	-2102.38	27.87	-4.70	17.54	0.23	-0.42
398	2	684.25	-1887.36	51.90	-11.38	12.74	0.57	0.74
...								
398	132	694.25	-1672.23	56.35	-3.43	0.71	0.17	-0.23
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3615.93	-369.96	-11.73	-170.82	-0.12	-1.81
			271.47	482.67	1.47	172.25	0.59	1.99

Macro	Tipo	Angolo 1-Z (gradi)
399	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
399	1	388.00	-9181.45	-570.46	-20.14	-187.71	-5.14	1.47
399	1	440.81	-9108.53	-574.17	-15.05	-225.51	-4.56	1.36
399	1	518.63	-9182.46	-576.11	-8.46	-424.91	-12.99	0.42
...								
399	132	674.25	-7585.69	-438.37	-0.13	-680.12	0.03	-0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.427e+04	-2920.39	-146.10	-5390.20	-24.22	-12.59
			-522.57	2095.82	164.29	4746.94	121.42	12.08

Macro	Tipo	Angolo 1-Z (gradi)
400	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
400	1	684.25	-2411.81	-70.91	31.35	-57.38	-1.57	3.54
400	1	694.25	-2411.81	-70.91	31.35	-57.38	-1.57	-2.66
400	2	684.25	-4508.17	-208.81	49.68	-108.21	-2.48	5.72
...								
400	132	694.25	-1871.63	-75.44	28.55	-59.86	-1.43	-2.40
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4764.81	-342.56	-8.53	-174.51	-3.39	-4.44
			599.19	191.67	65.63	54.79	0.53	9.24

Macro	Tipo	Angolo 1-Z (gradi)
401	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
401	1	684.25	-8863.56	320.05	-23.33	-1957.12	1.17	-2.02
401	1	694.25	-8863.56	320.05	-23.33	-1957.12	1.17	-1.48
401	2	684.25	-5197.76	-137.76	-59.10	-4235.21	2.95	-0.84
...								
401	132	694.25	-7079.09	-231.61	-16.20	-2740.87	0.81	-0.57
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.629e+04	-9334.80	-590.61	-2.308e+04	-8.00	-12.48
			2136.27	8871.59	186.21	1.760e+04	29.53	11.34

Macro	Tipo	Angolo 1-Z (gradi)
402	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
402	1	684.25	-1.631e+04	76.07	3.18	4992.18	-0.16	-0.11
402	1	694.25	-1.631e+04	76.07	3.18	4992.18	-0.16	-0.42
402	2	684.25	-2.318e+04	-1416.95	5.15	1.130e+04	-0.26	-0.19
...								
402	132	694.25	-1.258e+04	128.54	1.52	3522.15	-0.08	-0.18
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

			-2.364e+04	-3809.41	-102.69	-5185.82	-5.48	-53.39
			-5269.84	4066.49	105.74	1.223e+04	5.33	53.35

Macro	Tipo	Angolo 1-Z (gradi)
403	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
403	1	684.25	-3255.91	-143.69	0.90	528.37	-0.05	-0.09
403	1	694.25	-3255.91	-143.69	0.90	528.37	-0.05	-3.85e-03
403	2	684.25	-3162.90	-155.07	1.97	1203.08	-0.10	-0.17
...								
403	132	694.25	-2646.33	-102.26	0.70	389.77	-0.03	0.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4820.78	-281.98	-15.63	-519.64	-2.14	-30.50
			-471.88	77.46	17.03	1299.19	2.07	30.39

Macro	Tipo	Angolo 1-Z (gradi)
404	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
404	1	684.25	-7191.92	0.87	-7.33	133.76	0.37	0.40
404	1	694.25	-7191.92	0.87	-7.33	133.76	0.37	0.27
404	2	684.25	-8551.36	-99.12	-16.75	-519.97	0.84	-0.37
...								
404	132	694.25	-5545.16	-58.47	-4.82	-255.27	0.24	0.20
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8564.51	-1375.47	-65.11	-7493.72	-1.37	-17.48
			-3031.48	1258.52	10.14	6983.18	3.26	18.01

Macro	Tipo	Angolo 1-Z (gradi)
405	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
405	1	684.25	-8369.83	-1242.63	-50.42	1804.05	2.53	0.07
405	1	694.25	-8369.83	-1242.63	-50.42	1804.05	2.53	0.17
405	2	684.25	-6274.42	-3970.09	-39.43	5082.81	2.00	-2.78
...								
405	132	694.25	-6327.40	-745.30	0.23	1459.63	-2.52e-03	0.48
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.522e+04	-6775.81	-86.21	-4834.00	-22.05	-12.20
			2568.11	5285.21	441.55	7753.27	4.31	13.17

Macro	Tipo	Angolo 1-Z (gradi)
406	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
406	1	684.25	-6073.24	669.17	-14.69	-72.64	0.73	-6.22
406	1	694.25	-6073.24	669.17	-14.69	-72.64	0.73	-6.63

406	2	684.25	-8917.52	1096.35	-24.69	-263.00	1.23	-5.72
...								
406	132	694.25	-4349.68	460.48	-11.37	-151.86	0.57	-5.26
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9207.46	-341.80	-37.45	-1490.92	-0.48	-14.94
			508.10	1262.76	14.72	1187.20	1.62	4.62

Macro	Tipo	Angolo 1-Z (gradi)
407	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
407	1	684.25	-6674.50	20.98	-27.14	226.77	1.36	-0.98
407	1	694.25	-6674.50	20.98	-27.14	226.77	1.36	-1.31
407	2	684.25	-9550.97	-113.74	-25.09	1088.20	1.25	-0.41
...								
407	132	694.25	-5359.01	13.57	-0.79	110.53	0.04	-0.25
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9802.97	-584.76	-44.87	-1510.95	-10.95	-8.56
			-2347.67	611.89	219.06	1732.01	2.24	10.66

Macro	Tipo	Angolo 1-Z (gradi)
408	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
408	1	684.25	-2.617e+04	1060.65	-54.33	6949.61	2.72	0.23
408	1	694.25	-2.617e+04	1060.65	-54.33	6949.61	2.72	7.14
408	2	684.25	-3.554e+04	1503.59	-121.38	1.121e+04	6.07	5.26
...								
408	132	694.25	-2.066e+04	-276.84	-43.81	1497.48	2.19	6.44
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.625e+04	-1.518e+04	-229.49	-4.539e+04	-7.06	-3.47
			-1.079e+04	1.463e+04	141.87	4.839e+04	11.44	22.21

Macro	Tipo	Angolo 1-Z (gradi)
409	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
409	1	684.25	-5396.39	113.68	-4.09	141.42	0.20	0.57
409	1	694.25	-5396.39	113.68	-4.09	141.42	0.20	0.29
409	2	684.25	-6870.39	134.05	-13.05	288.51	0.65	1.27
...								
409	132	694.25	-4088.03	147.10	-3.79	-36.64	0.19	0.10
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6870.39	-739.03	-24.50	-2366.19	-4.34	-13.46
			-1744.10	1033.23	86.73	2292.92	1.56	14.12

Macro	Tipo	Angolo 1-Z (gradi)
410	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
410	1	684.25	-3.180e+04	-2012.90	-3.10	2177.35	0.14	4.01
410	1	694.25	-3.180e+04	-2012.90	-3.10	2177.35	0.14	4.08
410	2	684.25	-4.282e+04	-7669.83	-0.12	9533.36	-0.03	5.63
...								
410	132	694.25	-2.435e+04	-1263.18	-3.30	1418.08	0.16	2.90
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.292e+04	-1.331e+04	-107.91	-9846.04	-3.78	-40.09
			-1.092e+04	1.078e+04	101.31	1.268e+04	4.09	45.79

Macro	Tipo	Angolo 1-Z (gradi)
411	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
411	1	684.25	-4.280e+04	-2091.22	3.36	1.699e+04	-0.17	-5.24
411	1	694.25	-4.280e+04	-2091.22	3.36	1.699e+04	-0.17	-5.12
411	2	684.25	-5.605e+04	-8033.72	3.35	4.705e+04	-0.17	-9.76
...								
411	132	694.25	-3.348e+04	-1372.03	1.17	1.094e+04	-0.06	-3.86
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.616e+04	-1.373e+04	-164.89	-3.944e+04	-9.77	-56.52
			-1.532e+04	1.098e+04	167.23	6.131e+04	9.65	48.61

Macro	Tipo	Angolo 1-Z (gradi)
412	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
412	1	684.25	-9215.36	576.88	-16.64	-3359.42	0.83	-8.90
412	1	694.25	-9215.36	576.88	-16.64	-3359.42	0.83	-9.19
412	2	684.25	-6819.63	-41.53	-43.03	-1.044e+04	2.15	-16.39
...								
412	132	694.25	-7552.51	-69.70	-12.28	-3564.99	0.61	-6.16
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.711e+04	-1.115e+04	-807.66	-2.338e+04	-7.92	-36.40
			2003.21	1.101e+04	227.87	1.625e+04	40.38	24.09

Macro	Tipo	Angolo 1-Z (gradi)
208	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
208	1	684.25	-9586.50	874.17	-9.07	-2058.56	0.45	-2.34
208	1	694.25	-9586.50	874.17	-9.07	-2058.56	0.45	-2.98
208	2	684.25	-1.321e+04	1042.01	-24.03	-4473.31	1.20	-6.80
...								
208	132	694.25	-7349.24	414.18	-6.60	-2092.47	0.33	-2.11
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.321e+04	-3823.01	-84.29	-1.097e+04	-3.48	-37.20
			-3198.93	4651.37	71.09	6781.74	4.14	33.87

Macro	Tipo	Angolo 1-Z (gradi)
319	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
319	1	684.25	-9882.22	-293.97	28.00	1794.63	-1.40	-102.82
319	1	694.25	-9882.22	-293.97	28.00	1794.63	-1.40	-98.86
319	2	684.25	-1.495e+04	-555.21	48.69	2711.51	-2.43	-193.74
...								
319	132	694.25	-8154.03	-405.10	25.41	953.94	-1.27	-87.90
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.626e+04	-4148.89	-71.05	-4335.11	-5.15	-194.81
			-1614.89	3338.69	121.88	6243.00	2.61	-17.87

Macro	Tipo	Angolo 1-Z (gradi)
202	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
202	1	684.25	-5089.50	364.46	52.07	-132.51	-2.60	70.83
202	1	694.25	-5089.50	364.46	52.07	-132.51	-2.60	62.57
202	2	684.25	-7113.01	509.77	88.42	-381.40	-4.42	126.99
...								
202	132	694.25	-3967.29	235.15	47.33	-217.41	-2.37	55.56
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7113.01	-138.10	-31.66	-1525.39	-5.01	10.64
			-1600.10	608.41	126.33	1090.58	0.27	128.45

Macro	Tipo	Angolo 1-Z (gradi)
175	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
175	1	388.00	-2231.85	126.87	0.73	0.0	0.18	-0.33
175	1	440.81	-4322.72	80.32	4.45	0.0	0.79	-0.33
175	1	518.63	-3045.91	87.90	0.58	184.53	1.20	-0.04
...								
175	132	674.25	-2095.84	0.10	-0.15	0.0	0.10	0.10
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8674.90	-629.69	-12.46	-459.21	-2.07	-2.13
			3992.71	702.93	18.09	665.31	3.21	1.70

Macro	Tipo	Angolo 1-Z (gradi)
432	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
432	1	388.00	-2203.01	68.82	1.19	-5.79e-05	0.28	0.10
432	1	440.81	-8768.28	302.58	1.73	-407.84	0.64	0.19
432	1	518.63	-8256.23	314.27	-0.70	-413.93	0.74	-0.01
...								
432	132	674.25	-5061.14	157.83	0.58	-312.53	-0.37	0.10
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.476e+04	-2725.96	-13.56	-4273.50	-11.18	-2.18
			2474.20	2795.05	14.71	3120.45	10.79	2.38

Macro	Tipo	Angolo 1-Z (gradi)
196	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
196	1	388.00	-9048.55	-242.93	-26.16	1372.40	-6.39	-1.67
196	1	440.81	-8337.42	-229.27	-22.61	1819.30	-5.52	-1.56
196	1	518.63	-8520.29	-231.66	-10.75	1516.53	-16.08	-0.57
...								
196	132	674.25	-5871.40	-135.36	0.31	896.82	-0.13	-0.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.601e+04	-2881.03	-192.23	-6842.85	-30.73	-12.37
			4360.92	2572.09	221.25	9946.18	152.15	12.54

Macro	Tipo	Angolo 1-Z (gradi)
193	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
193	1	388.00	-6640.77	-191.91	-12.70	266.04	-2.97	-1.51
193	1	440.81	-6326.01	-182.69	-10.10	343.63	-2.37	-1.38
193	1	518.63	-6294.41	-182.38	-4.63	260.17	-7.14	-0.47
...								
193	132	674.25	-3993.27	-114.39	0.35	136.79	-0.12	-0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.148e+04	-1449.23	-92.84	-2172.82	-13.98	-11.36
			2939.47	1178.06	108.95	2809.54	69.11	11.65

Macro	Tipo	Angolo 1-Z (gradi)
134	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
134	1	684.25	-1.544e+04	-2090.38	5.93	-1057.95	-0.28	-0.14
134	1	694.25	-1.544e+04	-2090.38	5.93	-1057.95	-0.28	0.34
134	2	684.25	-1.619e+04	-4292.41	5.08	961.23	-0.22	-0.54
...								
134	132	694.25	-1.209e+04	-1510.89	3.86	-940.00	-0.18	0.43
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.916e+04	-4966.32	-77.03	-5544.62	-3.77	-58.72
			-4944.96	1944.54	84.76	3664.61	3.41	59.59

Macro	Tipo	Angolo 1-Z (gradi)
181	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
181	1	684.25	-1.254e+04	-852.84	-56.25	-469.11	2.79	-3.80
181	1	694.25	-1.254e+04	-852.84	-56.25	-469.11	2.79	-4.81
181	2	684.25	-1.890e+04	-3696.32	-65.94	2183.27	3.26	-8.93
...								
181	132	694.25	-9111.04	-622.47	-1.11	-802.85	0.05	-3.30
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-1.890e+04	-6868.94	-96.79	-8214.25	-23.12	-18.48
		-705.59	5624.01	462.85	6608.56	4.81	11.89

Macro	Tipo	Angolo 1-Z (gradi)
184	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
184	1	684.25	-1798.60	-111.46	-11.78	24.99	0.59	-4.42
184	1	694.25	-1798.60	-111.46	-11.78	24.99	0.59	-1.78
184	2	684.25	-2402.44	-116.87	-35.47	24.00	1.77	-11.51
...								
184	132	694.25	-1313.98	-4.03	-9.66	6.88	0.48	-1.43
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2402.44	-801.80	-49.45	-79.19	-0.80	-11.94
			-337.96	793.74	30.13	92.94	1.91	3.87

Macro	Tipo	Angolo 1-Z (gradi)
214	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
214	1	684.25	-1.032e+04	1299.63	-3.35	-1915.87	0.17	-3.29
214	1	694.25	-1.032e+04	1299.63	-3.35	-1915.87	0.17	-3.52
214	2	684.25	-1.305e+04	1965.88	-13.97	-2139.65	0.70	-8.04
...								
214	132	694.25	-7825.39	541.36	-2.02	-2648.18	0.10	-2.37
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.305e+04	-6133.71	-173.15	-1.902e+04	-5.96	-37.91
			-3202.13	7216.43	169.12	1.372e+04	6.16	33.16

Macro	Tipo	Angolo 1-Z (gradi)
197	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
197	1	684.25	-2994.19	97.48	-64.23	-144.25	3.21	-0.49
197	1	694.25	-2994.19	97.48	-64.23	-144.25	3.21	-4.57
197	2	684.25	-5135.24	206.72	-60.57	54.95	3.03	0.46
...								
197	132	694.25	-2548.05	44.87	5.39	-147.69	-0.27	-0.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7757.69	-392.12	-116.81	-1076.00	-1.66	-7.51
			2661.60	481.87	33.29	780.62	5.84	5.14

Macro	Tipo	Angolo 1-Z (gradi)
189	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
189	1	684.25	-8169.48	-342.86	-43.19	642.68	2.16	0.75
189	1	694.25	-8169.48	-342.86	-43.19	642.68	2.16	4.09

189	2	684.25	-1.156e+04	-640.51	-26.60	3228.80	1.33	1.75
...								
189	132	694.25	-6837.21	-244.90	14.23	365.55	-0.71	0.21
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.270e+04	-964.17	-99.05	-5119.92	-2.27	-5.77
			-1013.39	474.38	45.48	5851.02	4.95	6.92

Macro	Tipo	Angolo 1-Z (gradi)
187	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
187	1	684.25	-7121.22	111.88	-108.38	170.77	5.42	-2.53
187	1	694.25	-7121.22	111.88	-108.38	170.77	5.42	-1.98
187	2	684.25	-1.058e+04	506.26	-108.38	718.25	5.42	-3.07
...								
187	132	694.25	-5701.38	66.52	0.0	101.41	0.0	-0.21
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.064e+04	-876.15	-180.64	-1057.55	-3.01	-7.92
			-2071.68	1009.19	52.20	1260.37	9.03	7.51

Macro	Tipo	Angolo 1-Z (gradi)
205	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
205	1	684.25	-6993.06	204.61	-108.38	244.43	5.42	1.42
205	1	694.25	-6993.06	204.61	-108.38	244.43	5.42	1.11
205	2	684.25	-1.016e+04	659.71	-108.38	829.62	5.42	0.88
...								
205	132	694.25	-5615.41	133.56	0.0	158.41	0.0	-0.21
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.021e+04	-796.73	-180.64	-992.54	-2.90	-9.81
			-2078.81	1063.85	47.37	1309.36	9.03	9.28

Macro	Tipo	Angolo 1-Z (gradi)
199	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
199	1	684.25	-4886.87	-119.60	14.97	782.68	-0.75	-6.67
199	1	694.25	-4886.87	-119.60	14.97	782.68	-0.75	-6.69
199	2	684.25	-7317.29	-24.95	42.48	2176.76	-2.12	-19.04
...								
199	132	694.25	-4125.69	-120.38	19.43	527.40	-0.97	-9.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8063.21	-591.42	-10.74	-1810.97	-3.35	-45.85
			-551.63	350.66	54.35	2865.76	1.41	25.81

Macro	Tipo	Angolo 1-Z (gradi)
215	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
215	1	684.25	-6596.90	264.19	-55.84	476.58	2.79	8.55
215	1	694.25	-6596.90	264.19	-55.84	476.58	2.79	3.82
215	2	684.25	-9289.94	585.75	-45.07	2167.52	2.25	18.93
...								
215	132	694.25	-5471.58	202.53	2.60	268.66	-0.13	9.88
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9830.05	-261.38	-98.84	-2827.84	-1.62	-21.91
			-2137.08	666.45	24.22	3365.17	4.94	46.03

Macro	Tipo	Angolo 1-Z (gradi)
413	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
413	1	388.00	-9685.48	-281.12	-28.48	959.26	-7.52	2.24e-03
413	1	440.81	-9685.48	-281.12	-28.48	959.26	-7.52	2.99e-03
413	1	518.63	-9498.15	-281.12	-12.54	774.17	-19.92	0.01
...								
413	132	674.25	-6930.26	-207.75	8.25e-05	240.09	-3.16e-05	-2.20e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.243e+04	-2487.52	-211.92	-6328.62	-37.16	-1.47
			-2714.94	2072.03	237.34	7724.54	185.79	1.54

Macro	Tipo	Angolo 1-Z (gradi)
414	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
414	1	388.00	-1.190e+04	-438.56	-31.86	1460.60	-8.41	-0.14
414	1	440.81	-1.190e+04	-438.56	-31.86	1460.60	-8.41	-0.14
414	1	518.63	-1.169e+04	-438.56	-14.03	1172.34	-22.28	-0.15
...								
414	132	674.25	-8578.84	-338.87	3.94e-05	361.84	-1.55e-05	-0.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.525e+04	-3070.87	-237.04	-7723.94	-41.56	-1.52
			-3271.16	2393.12	265.47	9942.06	207.81	1.47

Macro	Tipo	Angolo 1-Z (gradi)
190	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
190	1	388.00	-1.489e+04	-928.37	-43.30	1840.29	-10.65	-0.04
190	1	440.81	-1.422e+04	-899.18	-31.80	3081.39	-8.72	-0.06
190	1	518.63	-1.427e+04	-917.41	-17.82	2193.83	-26.30	-0.02
...								
190	132	674.25	-1.058e+04	-520.15	0.81	1348.08	-0.32	-0.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.726e+04	-7513.72	-315.54	-1.346e+04	-49.98	-2.86
			6025.99	6429.23	358.77	1.889e+04	245.27	2.92

Macro	Tipo	Angolo 1-Z (gradi)
415	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
415	1	388.00	-9653.01	263.51	3.34	813.48	0.88	-0.06
415	1	440.81	-9653.01	263.51	3.34	813.48	0.88	-0.06
415	1	518.63	-9215.89	256.81	0.41	626.99	1.92	-0.05
...								
415	132	674.25	-6474.63	-107.01	-0.94	-94.54	0.36	-0.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.148e+04	-5316.91	-33.08	-1.703e+04	-20.92	-10.45
			-3244.00	5099.87	25.27	1.642e+04	9.32	10.74

Macro	Tipo	Angolo 1-Z (gradi)
433	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
433	1	388.00	-7548.95	367.76	-3.23	433.62	-0.85	-0.42
433	1	440.81	-7548.95	367.76	-3.23	433.62	-0.85	-0.39
433	1	518.63	-7242.10	351.26	-1.31	247.90	-2.22	-0.23
...								
433	132	674.25	-4873.14	100.30	4.49	-184.47	-1.74	0.34
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9686.88	-2420.24	-56.98	-5917.47	-13.22	-14.13
			-1504.53	2619.71	64.30	5774.80	48.94	13.59

Macro	Tipo	Angolo 1-Z (gradi)
417	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
417	1	388.00	-7.255e+04	-2164.13	1.66	3.423e+04	0.44	-0.34
417	1	440.81	-7.255e+04	-2164.13	1.66	3.423e+04	0.44	-0.30
417	1	518.63	-7.195e+04	-2157.00	0.69	3.323e+04	1.15	-0.14
...								
417	132	674.25	-5.479e+04	-1377.48	-0.72	2.095e+04	0.28	0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9.855e+04	-1.835e+04	-87.64	-6.326e+04	-71.56	-8.10
			-1.966e+04	1.558e+04	86.21	1.100e+05	72.61	8.01

Macro	Tipo	Angolo 1-Z (gradi)
420	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
420	1	388.00	-1.621e+04	-370.57	-51.66	2484.49	-13.64	-4.63
420	1	440.81	-1.621e+04	-370.57	-51.66	2484.49	-13.64	-4.24
420	1	518.63	-1.629e+04	-367.08	-15.14	2165.82	-33.17	-1.68
...								
420	132	674.25	-1.361e+04	-209.40	0.30	992.94	-0.12	-0.12
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.759e+04	-3996.39	-81.53	-1.121e+04	-55.09	-7.89
			26.67	3568.26	60.93	1.433e+04	8.54	7.49

Macro	Tipo	Angolo 1-Z (gradi)
436	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
436	1	388.00	-1.369e+04	-152.22	-79.50	420.37	-20.99	3.24e-03
436	1	440.81	-1.369e+04	-152.22	-79.50	420.37	-20.99	3.23e-03
436	1	518.63	-1.359e+04	-152.22	-35.01	319.09	-55.61	3.32e-03
...								
436	132	674.25	-1.076e+04	-89.95	0.0	62.53	0.0	1.41e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.111e+04	-1506.34	-132.50	-2938.45	-103.72	-0.86
			-3121.24	1326.45	118.31	3459.27	20.74	0.87

Macro	Tipo	Angolo 1-Z (gradi)
437	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
437	1	388.00	-1.354e+04	-187.46	-79.50	381.63	-20.99	-0.04
437	1	440.81	-1.354e+04	-187.46	-79.50	381.63	-20.99	-0.04
437	1	518.63	-1.344e+04	-187.46	-35.01	257.97	-55.61	-0.04
...								
437	132	674.25	-1.066e+04	-116.46	0.0	-26.67	0.0	-1.42e-03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.059e+04	-1540.50	-132.50	-2998.35	-103.72	-0.87
			-3131.96	1307.59	118.31	3455.68	20.74	0.87

Macro	Tipo	Angolo 1-Z (gradi)
438	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
438	1	388.00	-1.345e+04	-159.07	-79.50	408.21	-20.99	-0.02
438	1	440.81	-1.345e+04	-159.07	-79.50	408.21	-20.99	-0.02
438	1	518.63	-1.335e+04	-159.07	-35.01	302.61	-55.61	-0.02
...								
438	132	674.25	-1.058e+04	-94.48	0.0	41.89	0.0	-0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.068e+04	-1524.27	-132.50	-3003.55	-103.72	-0.89
			-3145.81	1335.31	118.31	3502.63	20.74	0.85

Macro	Tipo	Angolo 1-Z (gradi)
439	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN m	daN m	daN m
439	1	388.00	-1.325e+04	-178.41	-79.50	383.09	-20.99	-0.08
439	1	440.81	-1.325e+04	-178.41	-79.50	383.09	-20.99	-0.08
439	1	518.63	-1.314e+04	-178.41	-35.01	265.24	-55.61	-0.08
...								
439	132	674.25	-1.044e+04	-108.85	0.0	-9.26	0.0	-0.02
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-2.023e+04	-1538.86	-132.50	-3012.14	-103.72	-0.86
		-3067.27	1321.16	118.31	3471.19	20.74	0.82

Macro	Tipo	Angolo 1-Z (gradi)
440	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
440	1	1350.75	-512.68	-50.50	-2.95	-104.79	0.99	0.14
440	1	1407.75	-623.49	-43.66	-10.42	-237.27	2.20	0.10
440	1	1410.88	-607.71	-22.24	-8.96	-193.92	1.87	0.16
...								
440	132	1430.51	-163.97	39.31	-13.20	-10.15	0.28	-0.32
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-703.21	-1132.73	-34.76	-1087.41	-19.61	-0.94
			52.19	1077.72	85.33	851.83	5.98	0.27

Macro	Tipo	Angolo 1-Z (gradi)
115	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
115	1	1350.75	-1765.19	79.95	59.70	-1010.23	24.40	0.11
115	1	1407.75	-1718.53	79.63	59.02	-1164.83	21.52	3.91e-03
115	1	1411.02	-1700.86	107.34	60.64	-1021.14	21.15	0.14
...								
115	132	1500.50	-101.47	55.43	4.86	4.83	2.30	0.08
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2036.46	-2049.04	-184.40	-5078.80	-47.30	-0.83
			474.00	2097.89	260.62	3189.81	66.96	2.60

Macro	Tipo	Angolo 1-Z (gradi)
112	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
112	1	1350.75	-1912.92	538.09	-26.99	-346.72	-8.88	9.05e-03
112	1	1407.75	-1862.54	534.48	-25.93	-466.92	-8.52	3.96e-03
112	1	1410.53	-1826.77	550.24	-26.18	-370.49	-8.43	-8.78e-04
...								
112	132	1473.81	-258.31	3.84	1.82	-17.70	0.91	-0.11
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2263.15	-1295.03	-182.91	-2084.86	-85.05	-1.71
			190.65	1782.77	23.21	1217.24	18.17	0.93

Macro	Tipo	Angolo 1-Z (gradi)
117	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
117	1	1350.75	-530.78	130.59	0.10	0.0	0.05	0.04
117	1	1421.21	0.80	97.84	0.16	0.0	0.04	0.04

117	1	1421.96	-105.79	70.70	-2.94	7.58	-0.95	-0.08
...								
117	132	1488.56	-82.13	43.99	-0.97	6.11	-0.37	0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-767.85	1.04	-23.82	0.0	-7.18	-0.87
			200.96	195.69	15.97	12.10	5.05	0.94

Macro	Tipo	Angolo 1-Z (gradi)
441	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
441	1	1350.75	-1312.62	14.63	-24.62	-19.59	-8.81	-0.28
441	1	1407.75	-1233.46	18.83	-18.79	-154.23	-7.49	-0.41
441	1	1410.91	-1175.35	61.73	-20.97	-118.08	-6.66	-0.49
...								
441	132	1448.60	-249.05	12.50	4.41	-33.98	3.34	-0.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1760.69	-782.34	-138.55	-560.74	-57.59	-3.64
			-125.67	718.67	56.54	284.28	10.57	0.90

Macro	Tipo	Angolo 1-Z (gradi)
442	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
442	1	1350.75	-1001.30	849.58	-84.92	118.03	-31.17	0.12
442	1	1407.75	-952.89	834.92	-73.42	0.39	-29.83	0.16
442	1	1411.07	-958.36	882.83	-74.66	127.55	-29.30	0.08
...								
442	132	1456.23	-129.16	57.41	-2.93	-2.45	-3.22	-0.54
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1234.70	-1128.16	-195.92	-1799.43	-78.41	-1.44
			260.61	2483.95	39.71	1754.49	-0.21	0.51

Macro	Tipo	Angolo 1-Z (gradi)
443	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN m	daN m	daN m
443	1	1400.75	-112.22	-72.13	-1.80	0.0	-0.43	-0.25
443	1	1400.75	-112.22	-72.13	-1.80	0.0	-0.43	-0.25
443	2	1400.75	-148.38	-113.67	-2.55	0.0	-0.68	-0.39
...								
443	132	1400.75	-80.75	-55.94	-1.69	0.0	-0.37	-0.21
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-148.38	-115.90	-3.18	0.0	-0.75	-0.43
			-21.62	2.44	-0.58	0.0	-0.16	-0.09

Macro	Tipo	Angolo 1-X (gradi)
123	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/ m	daN/ m	daN/ m	daN/ m	daN/ m	daN	daN	daN	daN	daN
123	1	721	-283.60	-419.33	-415.87	-287.05	21.37	5.74	-0.94	-0.94	5.74	-3.57e-02
123	1	763	24.17	-878.76	-877.88	23.29	28.16	0.56	-7.69	0.53	-7.66	-0.52
123	1	938	-95.11	-203.65	-128.23	-170.53	49.98	-0.48	-1.28	-0.52	-1.24	0.18
...												
123	132	7101	-48.45	-132.50	-80.78	-100.17	-40.89	0.75	-1.59	0.74	-1.57	-0.18
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-2148.39	-2103.29	-2028.07	-1053.67		-19.77	-19.53	-14.82	-4.81
			3711.19		986.04	3489.93	923.96	24.57		24.28	16.36	4.35

Macro	Tipo	Angolo 1-X (gradi)
144	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/ m	daN/ m	daN/ m	daN/ m	daN/ m	daN	daN	daN	daN	daN
144	1	935	87.93	-142.86	-140.36	85.43	-23.87	3.66	0.26	3.66	0.27	-0.11
144	1	1310	1067.71	-222.58	-221.77	1066.90	32.30	14.14	0.40	14.13	0.41	-0.43
144	1	1311	735.02	-114.79	-114.49	734.73	15.90	17.64	2.27	17.64	2.27	4.74e-02
...												
144	132	7135	125.00	-27.39	119.12	-21.52	-29.34	-5.05e-02	-1.00	-0.89	-0.16	0.30
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-3764.92	-3736.71	-1260.23	-727.71		-40.33	-17.46	-34.55	-9.86
			2046.96		1511.05	2015.94	918.29	42.43		42.42	21.17	12.11

Macro	Tipo	Angolo 1-X (gradi)
434	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/ m	daN/ m	daN/ m	daN/ m	daN/ m	daN	daN	daN	daN	daN
434	1	1	263.80	-2737.62	-1171.60	-1302.22	1499.29	-33.90	-3518.90	-62.52	-3490.28	314.53
434	1	4	2916.77	-586.67	172.17	2157.93	1443.16	124.06	-1565.53	-34.60	-1406.87	492.85
434	1	12	3126.09	-696.95	250.76	2178.38	1650.75	312.70	-398.64	54.23	-140.17	342.13
...												
434	132	5643	-54.73	-381.23	-295.35	-140.61	-143.75	190.92	-270.77	-108.97	29.12	220.28
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-6524.07	-5732.72	-5741.78	-4419.99		-6965.22	-3986.90	-6961.17	-2370.37
			7091.98		7089.69	4995.66	4790.94	5237.95		2850.56	5234.92	1783.28

Macro	Tipo	Angolo 1-X (gradi)
109	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/ m	daN/ m	daN/ m	daN/ m	daN/ m	daN	daN	daN	daN	daN
109	1	95	2474.10	234.80	371.38	2337.52	-535.90	8.65	-38.63	-38.21	8.24	4.43
109	1	100	1564.39	-351.75	-280.81	1493.45	-361.82	10.44	4.75	9.62	5.58	-2.01
109	1	105	733.72	-502.57	-473.38	704.52	-187.73	9.27	-14.14	-0.80	-4.07	-11.59
...												
109	132	6395	288.73	-431.72	-309.11	166.13	-270.74	-18.39	-161.07	-18.43	-161.03	-2.38
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-4632.98	-2899.49	-3926.18	-4025.40		-337.04	-127.51	-337.00	-118.98
			6882.51		3178.64	6849.14	2526.91	255.95		121.74	255.84	68.52

Macro	Tipo	Angolo 1-X (gradi)
106	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/ m	daN/ m	daN/ m	daN/ m	daN/ m	daN	daN	daN	daN	daN
106	1	9	5183.31	-2057.74	2216.15	909.41	-3561.08	49.54	-12.92	22.30	14.31	30.97
106	1	10	5550.15	-2957.99	1181.77	1410.40	-4252.53	134.25	-52.01	63.21	19.02	90.47
106	1	15	4854.38	-4269.64	-1656.41	2241.15	-4124.82	156.25	-3.46	140.10	12.69	48.15
...												
106	132	6385	3615.18	-2714.63	1443.04	-542.50	-3005.17	105.32	-51.14	24.08	30.09	78.17
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-2.154e+04	-1.815e+04	-1.165e+04	-6202.13		-672.48	-436.39	-590.96	-138.73
			1.072e+04		8526.33	4626.88	-71.45	552.58		473.66	477.99	207.45

VERIFICHE PER ELEMENTI IN ACCIAIO

LEGENDA TABELLA VERIFICHE PER ELEMENTI IN ACCIAIO

Il programma consente la verifica dei seguenti tipi di elementi:
1. **aste** 2. **travi** 3. **pilastri**
L'esito delle verifiche è espresso con un codice come di seguito indicato

Ok: verifica con esito positivo
NV: verifica con esito negativo
Nr: verifica non richiesta.

Per comodità gli elementi vengono raggruppati in tabelle in relazione al tipo.

Ai fini delle verifiche (come da D.M. 14 Gennaio 2008 e circ. 2 Febbraio 2009 n.617) i tipi elementi differiscono per i seguenti aspetti:

Verifica		**Aste**	**Travi**	**Pilastri**
4.2.3.1	Classificazione	X	X	X
4.2.4.1.2	Trazione, Compressione	X	X	X
	Taglio, Torsione		X	X
	Flessione,taglio e forza assiale		X	X
4.2.4.1.3.1	Aste compresse	X	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X	X
4.2.4.1.3.3	Membrature inflesse e compresse		X	X

Ai fini delle verifiche per strutture dissipative (come da D.M. 14 Gennaio 2008 e circ. 2 Febbraio 2009 n.617 per strutture intelaiate e a controventi concentrici) si considerano le verifiche del capitolo 4 con azioni amplificate e le verifiche del capitolo 7:

Verifica		**Travi**	**Pilastri**
4.2.4.1.2	Trazione, Compressione	X	X
	Taglio, Torsione		X
	Flessione,taglio e forza assiale	X	X
4.2.4.1.3.1	Aste compresse	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X
7.5.3	Sfruttamento per momento	X	
7.5.4	Sfruttamento per sforzo normale	X	
7.5.5	Sfruttamento per taglio da capacità flessionale	X	
7.5.9	Sfruttamento per taglio amplificato		X

Viene inoltre riportata la verifica del par. 7.5.4.3 Gerarchia delle resistenze trave-colonna per ogni colonna, considerando piede e testa in entrambe le direzioni globali X e Y.

L' insieme delle verifiche sopra riportate è condotto sugli elementi purché dotati di sezione idonea come da tabella seguente:

	Azione	SEZIONI GENERICHE	PROFILI SEMPLICI	PROFILI ACCOPPIATI
4.2.3.1	Classificazione automatica	L, doppio T, C, rettangolare cava, circolare cava	Tutti	Da profilo semplice
4.2.3.1	Classificazione di default 2	Circolare		
4.2.3.1	Classificazione di default 3	restanti		
4.2.4.1.2	Trazione	si	si	si
4.2.4.1.2	Compressione	si	si	si
4.2.4.1.2	Taglio, Torsione	si	si	si
4.2.4.1.2	Flessione,taglio e forza assiale	si	si	si
4.2.4.1.3.1	Aste compresse	si	si	per elementi ravvicinati e a croce o coppie calastrellate
4.2.4.1.3.2	Travi inflesse	doppio T simmetrica	doppio T	no

Le verifiche sono riportate in tabelle con il significato sotto indicato; le verifiche sono espresse dal rapporto tra l' azione di progetto e la capacità ultima, pertanto la verifica ha esito positivo per rapporti non superiori all' unità.

Asta	**Trave**	**Pilastro**				numero dell'elemento
Stato						codice di verifica per resistenza, stabilità, svergolamento
Note						sezione e materiali adottati per l'elemento
V N						(ASTE) verifica come da par. 4.2.4.1.2 per punto (4.2.6) e (4.2.10)
V V/T						(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni taglio-torsione (4.2.17 e 4.2.29)
V N/M						(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni composte (4.2.34) con riduzione per taglio (4.2.41) ove richiesto
N	**M3**	**M2**	**V2**	**V3**	**T**	sollecitazioni di interesse per la verifica
V stab						(ASTE) verifica come da par. 4.2.4.1.3 per punto (4.2.42)
V stab						(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.3 per punti (C4.2.32) o (C4.2.36) (membrature inflesse e compresse senza/con presenza di instabilità flesso-torsionale

BetaxL	**B22xL**	**B33xL**	lunghezze libere di inflessione (se indicato riferiti al piano di normale 22 o 33 rispettivamente)
Snellezza			snellezza massima
Classe			classe del profilo
Chi mn			coefficiente di riduzione (della capacità) per la modalità di instabilità pertinente
Rif. cmb			combinazioni in cui si sono rispettivamente attinti i valori di verifica più elevati
V flst			(TRAVI E PILASTRI) verifica di stabilità come da par. 4.2.4.1.3.2 per punto (4.2.49)
B1-1 x L			Beta1-1 x L: interasse tra i ritegni torsionali
Chi LT			coefficiente di riduzione (della capacità) per la modalità di instabilità flesso-torsionale
Snell adim			Valore della snellezza adimensionale, utilizzato per il controllo previsto al par. 7.5.5
v.Omeg			Valore del rapporto capacità/domanda per l' azione di interesse (momento per travi e azione assiale per aste) utilizzato per l' amplificazione delle azioni
f.Om. N			Fattore di amplificazione delle azioni assiali per travi e colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.5
f.Om. T			Fattore di amplificazione delle azioni (assiali, flettenti e taglianti) per colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.4
V.7.5.3 M Ed			Verifica come prevista al punto 7.5.3 e valore dell' azione flettente
V.7.5.4 N Ed			Verifica come prevista al punto 7.5.4 e valore dell' azione assiale
V.7.5.5 V Ed,G V Ed,M			Verifica come prevista al punto 7.5.5 e valore dei tagli dovuti ai carichi e alla capacità
V.7.5.9 V Ed			Verifica come prevista al punto 7.5.9 e valore dell' azione di taglio
sovr. Xi (Xf, Yi, Yf)			Valore della sovraresistenza come prevista al par. 7.5.4.3 (i valori non sono normalizzati pertanto saranno maggiori uguali a gamma rd classe di duttilità)

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Settembre 2014, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
56	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
57	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
58	LUCE LIBERA DI COLONNE IN ACCIAIO
59	SVERGOLAMENTO DI TRAVI IN ACCIAIO
61	ACCIAIO D.M. 2008
63	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
64	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
74	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D

VERIFICHE S.L. PANNELLI XLAM

LEGENDA TABELLA VERIFICHE S.L. PANNELLI XLAM

Il programma consente la verifica dei seguenti tipi di elementi:
1. **gusci** 2. **setti**

L'esito delle verifiche è espresso con un codice come di seguito indicato:
ok: verifica con esito positivo
NV: verifica con esito negativo

Le verifiche sono condotte in ottemperanza alle NTC 14 Gennaio 2008 seguendo anche le indicazioni analitiche riportate nella norma tecnica UNI EN 1995-1-1:2005 "Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali - Regole comuni e regole per gli edifici" e nella norma tedesca DIN 1052 (D) - 2008.

Utilizzando il riferimento tecnico dell' Università di Monaco "Teilprojekt 15 – TP 15 Flächen aus Brettstapeln, Brettsperrholz und Verbundkonstruktionen" che permette di valutare in modo esaustivo il comportamento del pannello in presenza di significative deformazioni a taglio si è valutata in fase di verifica la migrazione degli sforzi dal "Piano B" al "Piano A" come previsto nell' appendice D parte 3 della norma tedesca DIN 1052 (D) - 2008.

In particolare le verifiche effettuate sono riconducibili a quanto previsto nell' appendice D e al capitolo 10.7 della DIN:

- 10.7.1 (127) tensoflessione
- 10.7.1 (128) pressoflessione
- 10.7.1 (129) taglio torsione
- 10.7.1 (130) trazione e taglio di rotolamento
- 10.7.1 (131) compressione e taglio di rotolamento
- App D. (26) momento torcente di incollaggio

Viene riportata un' ulteriore verifica (Mestek 5.4.5) in cui tutte le tensioni normali sono rapportate alla resistenza di progetto a flessione.

Le verifiche sono tabellate come di seguito (raccolte per macroelementi e riportate ai nodi):

Setto/Guscio	Numero del macroelemento
Mat.	Materiale degli strati
N. strati	Numero di strati
Spessore	Spessore degli strati
Incoll.	Tavole incollate lungo il lato (si/no)
Direz. fibre	Inclinazione della direzione (0) rispetto all' asse X (per gusci)
Stato	Codice della verifica: ok verificato, NV non verificato
Nodo	Numero del nodo per il quale si riportano le verifiche; prima riga direzione (0) seconda riga direzione (1)
V.127	Verifica come da DIN 10.7.1 (127) per tensoflessione
V.128	Verifica come da DIN 10.7.1 (128) per pressoflessione
V.545	Verifica come da riferimento tecnico dell' Università di Monaco Tp 15. (tensioni normali rapportate alla resistenza di progetto a flessione)
V.129	Verifica come da DIN 10.7.1 (129) per taglio torsione
V.130	Verifica come da DIN 10.7.1 (130) trazione e taglio di rotolamento

V.131	Verifica come da DIN 10.7.1 (131) compressione e taglio di rotolamento
M. D26	Momento torcente di incollaggio come da DIN App D. (26)
Fac. B-A	Fattore di riduzione della quota afferente al piano B in relazione alla deformabilità a taglio
Qsup. A	Quota afferente al piano A
Qsup. B	Quota afferente al piano B

A chiarimento delle verifiche riportate si precisa quanto segue.

Il programma consente la modellazione di pannelli XLAM con un numero di strati dispari di ugual spessore.
Gli strati sono costituiti da tavole che possono o meno essere incollate lungo il lato lungo.
Gli strati sono caratterizzati dai moduli E0, G0, E90, G90 e Gori, rispettivamente in direzione 0 (parallela alle fibre), 90 (ortogonale alle fibre) e orizzontale.
Per convenzione la direzione 0 del pannello è quella parallela alle fibre del primo (e ultimo) strato. La direzione 0 pertanto ha caratteristiche di resistenza e rigidezza superiore alla direzione 1. Il programma ipotizza che la direzione 0 sia verticale per i setti e inclinata rispetto all' asse X per i gusci (inclinazione settabile da criterio di progetto). In fase di verifica non esiste interazione tra direzione 0 e 1.

La peculiarità del pannello XLAM è data dalla presenza di strati molto deformabili a taglio (G90 è di un ordine di grandezza inferiore a G0) così da invalidare l' ipotesi di conservazione delle sezioni piane. L' appendice D della DIN 1052 (D) - 2008 fornisce indicazioni per la valutazione delle rigidezze e delle tensioni sui pannelli XLAM, anche considerando la cedevolezza a taglio degli strati. In sostanza le azioni di piastra vengono ripartite su due piani ideali A e B mentre le azioni di lastra sono riportate sul piano ideale C. La deformabilità a taglio regola la ripartizione tra i piani A e B. Utilizzando il riferimento tecnico dell' Università di Monaco "Teilprojekt 15 – TP 15 Flächen aus Brettstapeln, Brettsperrholz und Verbundkonstruktionen" si è implementato l' algoritmo di ripartizione indicato al cap. 5.4.2.3 basato sull' analogia del taglio per carico sinusoidale. In base a questa analogia la quota di carico afferente al piano B viene ridotta in funzione delle caratteristiche statiche del pacchetto di strati e della luce del pannello nella direzione di studio.

Per entrambe le direzioni 0 e 1 si avranno 8 componenti di sollecitazione:

- Momento flettente ripartito su piano A e piano B
- Momento torcente ripartito su piano A e piano B
- Taglio ortogonale ripartito su piano A e piano B
- Sforzo normale su piano C
- Taglio membranale su piano C

Inoltre:
nel caso in cui le tavole siano incollate

- il momento di incollaggio è nullo
- il momento torcente viene ripartito sul piano A e B e verificato per la parte competente allo strato e al pannello (quota di Steiner)
- la resistenza al taglio di piano è offerta dall' intero spessore del pannello
- la dimensione "a" di fig. 16 par. 8.9.3 DIN 1052 (D) è identica nelle due direzioni

in caso contrario

- il momento di incollaggio viene computato secondo DIN D.26
- il momento torcente non viene verificato
- la resistenza al taglio di piano è offerta dallo spessore del pannello ridotto del 75%
- E90 DEVE ESSERE ASSUNTO PARI 0 (gli strati esterni si trascurano per tutti gli effetti in direzione debole)
- la dimensione "a" di fig. 16 par. 8.9.3 DIN 1052 (D) è minore in direzione (1)

Le verifiche V.127, V.128, V.545, V129 (ossia le verifiche per le tensioni normali e tangenziali) sono effettuate per gli strati pari in direzione 0 e per gli strati dispari in direzione 1 (ovvero gli strati con E0), le verifiche V130 e V131 sono effettuate per gli strati pari in direzione 1 e per gli strati dispari in direzione 0 (ovvero gli strati con G90).

Ai fini della verifica a taglio di piastra, è consentita una verifica semplificata che affida al piano B l' intero taglio e determina la tensione tangenziale dividendo il taglio per la dimensione "a" di fig. 16 par. 8.9.3.
Il programma prevede a scelta dell' utente questa possibilità.

Si sottolinea che le sei verifiche sono espresse dal rapporto tra domanda e capacità, affinché la verifica sia positiva il rapporto deve essere inferiore o uguale a 1. La capacità è affetta dal termine **kmod**, espressione della classe di servizio e della durata dei carichi (si considera a livello di combinazione il caso di carico di minor durata).

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Settembre 2014, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
126	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
127	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI
128	PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM
129	VERIFICA HOLD DOWN DI UN PANNELLO IN XLAM

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
11	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.31	-1.204e+04	34	0.12	-8765.7	34	0.10	-1077.2	-6.846e+05	84

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
721	0.04	0.03	0.0	33,33,0	5.65e-03	0.07	0.09	34,33,33	0.02	34	0.80	0.04	0.96
	8.89e-03	0.02	0.0	76,77,0	5.63e-03	0.03	0.03	34,34,34			1.00	0.08	0.92
763	0.02	0.01	0.0	34,83,0	0.04	0.03	0.03	34,84,68	0.06	34	0.80	0.04	0.96
...													
6679	0.04	0.02	0.0	86,83,0	0.03	0.01	0.01	34,67,67	0.05	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.05	0.0		0.09	0.26	0.26		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
31	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.26	-1826.4	34	0.11	-1063.2	34	0.08	-1265.4	-1.052e+05	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1490	0.01	7.35e-03	0.0	34,84,0	4.67e-03	9.34e-03	0.01	83,15,14	0.02	83	0.80	0.04	0.96
	6.65e-03	5.23e-03	0.0	86,83,0	4.67e-03	3.75e-03	3.75e-03	83,14,14			1.00	0.08	0.92
1498	9.94e-03	0.01	0.0	84,86,0	4.67e-03	0.01	0.01	83,13,16	0.02	83	0.80	0.04	0.96
...													
6196	0.05	0.03	0.0	84,83,0	0.01	0.03	0.03	34,84,84	0.03	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.03	0.0		0.01	0.03	0.03		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
33	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.96	-3542.7	62	0.55	-3424.2	62	0.65	7266.3	1.488e+05	73

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1865	0.06	0.07	0.0	79,82,0	0.04	0.02	0.04	62,79,82	0.10	62	0.88	0.06	0.94
	0.03	0.02	0.0	85,84,0	0.04	0.02	0.02	62,85,85			1.00	0.04	0.96
1873	0.06	0.06	0.0	73,72,0	0.04	0.02	0.03	62,74,72	0.10	62	0.88	0.06	0.94
...													
4902	0.01	7.91e-03	0.0	85,85,0	0.03	9.97e-03	9.97e-03	57,85,85	0.09	57	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.07	0.0		0.04	0.02	0.04		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
34	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.15	-1021.2	34	0.08	-988.3	34	0.03	-763.2	4.087e+04	64

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1657	2.14e-03	3.86e-03	0.0	76,76,0	8.11e-03	0.05	0.05	34,76,76	0.03	34	0.80	0.04	0.96
	0.04	0.01	0.0	76,77,0	8.03e-03	0.02	0.02	34,76,76			1.00	0.08	0.92
1658	6.41e-03	8.98e-03	0.0	77,76,0	8.11e-03	0.05	0.05	34,76,76	0.03	34	0.80	0.04	0.96
...													
6271	4.91e-03	9.00e-03	0.0	76,77,0	2.68e-03	0.02	0.02	77,33,33	0.02	77	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.02	0.0		8.21e-03	0.05	0.05		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
35	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.55	-1922.5	34	0.35	-2086.5	34	0.13	-1604.2	1.148e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1860	1.89e-03	2.77e-03	0.0	73,80,0	0.02	1.25e-03	1.54e-03	34,34,70	0.07	34	0.88	0.06	0.94
	6.13e-03	3.11e-03	0.0	34,83,0	0.02	1.84e-03	1.84e-03	34,34,34			1.00	0.04	0.96
1861	6.26e-03	7.86e-03	0.0	83,86,0	0.02	1.73e-03	2.78e-03	34,34,78	0.07	34	0.88	0.06	0.94
...													
3112	0.01	0.01	0.0	84,85,0	0.02	8.25e-03	8.25e-03	34,85,85	0.06	34	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.03	0.0		0.02	0.01	0.02		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
36	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.33	-1373.0	81	0.18	-1273.0	81	0.36	432.2	3.201e+05	72

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1944	0.06	0.06	0.0	56,34,0	0.03	0.04	0.05	81,59,62	0.08	81	0.88	0.06	0.94
	0.05	0.03	0.0	86,85,0	0.03	0.02	0.02	81,34,34			1.00	0.04	0.96
1945	0.07	0.08	0.0	56,57,0	0.02	0.05	0.08	86,34,62	0.08	86	0.88	0.06	0.94
...													
4918	0.03	0.02	0.0	83,86,0	1.53e-03	0.01	0.01	83,34,34	0.02	83	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.08	0.0		0.03	0.05	0.08		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
39	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.17	-710.4	81	0.07	520.2	59	0.10	-1116.7	-9.916e+04	78

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1905	0.02	0.01	0.0	34,34,0	1.33e-03	0.03	0.03	79,34,34	0.02	79	0.88	0.06	0.94
	0.03	6.90e-03	0.0	34,67,0	1.33e-03	0.01	0.01	79,34,34			1.00	0.04	0.96
1906	0.02	0.02	0.0	34,34,0	1.38e-03	0.03	0.04	79,34,34	0.02	79	0.88	0.06	0.94
...													
4476	0.02	0.02	0.0	34,34,0	1.09e-03	0.03	0.03	83,34,34	0.02	83	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.04	0.0		5.27e-03	0.05	0.06		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
40	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.50	1383.6	82	0.20	1395.0	82	0.23	4239.3	-1.177e+05	57

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2226	0.05	0.05	0.0	57,56,0	0.03	0.08	0.08	82,34,34	0.09	82	0.88	0.06	0.94
	0.03	0.02	0.0	34,34,0	0.03	0.02	0.02	82,34,34			1.00	0.04	0.96
2234	0.05	0.04	0.0	57,56,0	0.04	0.04	0.04	82,34,34	0.10	82	0.88	0.06	0.94
...													
4909	0.09	0.06	0.0	34,34,0	1.33e-03	0.05	0.05	73,34,34	0.02	73	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.25	0.18	0.0		0.04	0.16	0.30		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
43	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.20	849.4	82	0.12	783.5	34	0.13	-603.8	1.281e+05	81

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1876	0.02	0.03	0.0	34,34,0	1.92e-03	0.04	0.06	73,34,34	0.02	73	0.88	0.06	0.94
	0.04	0.04	0.0	34,34,0	1.92e-03	0.03	0.03	73,34,34			1.00	0.04	0.96
1877	0.02	0.03	0.0	34,34,0	1.98e-03	0.05	0.06	73,34,34	0.02	73	0.88	0.06	0.94
...													
4463	0.14	0.09	0.0	34,34,0	9.28e-04	0.15	0.15	34,34,34	0.01	75	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.24	0.16	0.0		8.77e-03	0.15	0.15		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
45	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	NV

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
NV	0.13	97.2	57	0.08	103.1	57	100.00	-306.8	4777.3	1

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2246	0.08	0.08	0.0	86,83,0	0.02	0.02	0.04	70,86,83	0.08	70	0.88	0.06	0.94
	8.77e-03	7.27e-03	0.0	86,83,0	0.02	3.76e-03	3.76e-03	70,86,86			1.00	0.04	0.96
3067	0.03	0.06	0.0	72,73,0	0.03	0.01	0.03	70,86,81	0.08	70	0.88	0.06	0.94
...													
4918	8.77e-03	7.27e-03	0.0	86,83,0	5.43e-04	1.32e-03	1.32e-03	57,60,60	0.01	57	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.08	0.0		0.03	0.02	0.04		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
46	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	NV

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
NV	0.23	123.8	70	0.16	143.3	70	100.00	-706.9	2513.1	1

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2254	0.06	0.10	0.0	76,77,0	0.02	0.02	0.04	65,86,73	0.06	65	0.88	0.06	0.94
	0.01	0.01	0.0	84,85,0	0.02	3.68e-03	3.68e-03	65,86,86			1.00	0.04	0.96
3075	0.05	0.06	0.0	82,79,0	0.02	0.01	0.03	57,78,83	0.07	57	0.88	0.06	0.94
...													
4910	0.01	0.01	0.0	84,85,0	1.90e-03	3.13e-03	3.13e-03	70,78,78	0.02	70	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.10	0.0		0.02	0.02	0.04		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
48	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	NV

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
NV	0.13	67.0	34	0.10	83.6	34	100.00	-274.7	1326.1	1

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1930	0.05	0.02	0.0	34,60,0	1.23e-03	9.45e-04	3.67e-03	34,81,60	0.02	34	0.88	0.06	0.94
	1.69e-03	8.26e-04	0.0	75,78,0	1.23e-03	6.15e-04	6.15e-04	34,72,72			1.00	0.04	0.96
1931	0.05	0.02	0.0	34,60,0	1.23e-03	9.45e-04	3.67e-03	34,81,60	0.02	34	0.88	0.06	0.94
...													
4625	4.64e-03	3.05e-04	0.0	34,85,0	9.63e-03	2.04e-03	2.04e-03	34,78,78	0.05	34	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.03	0.0		0.02	4.96e-03	0.01		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
49	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	NV

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
NV	0.08	56.7	34	0.06	78.6	62	100.00	24.2	4941.8	1

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1949	0.01	0.04	0.0	59,34,0	4.07e-04	1.47e-03	7.10e-03	34,86,34	0.01	34	0.88	0.06	0.94
	2.84e-04	9.82e-04	0.0	75,78,0	4.04e-04	8.06e-04	8.06e-04	34,86,86			1.00	0.04	0.96
1950	0.01	0.04	0.0	59,34,0	4.07e-04	1.47e-03	7.10e-03	34,86,34	0.01	34	0.88	0.06	0.94
...													
4612	4.07e-03	2.38e-03	0.0	75,78,0	0.02	1.93e-03	1.93e-03	34,80,80	0.06	34	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.04	0.0		0.02	3.48e-03	7.10e-03		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
50	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.26	-3439.7	34	0.12	313.4	78	0.12	-229.3	-2.247e+05	55

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2536	5.04e-03	6.45e-03	0.0	76,77,0	8.12e-03	5.62e-03	0.01	33,77,77	0.03	33	0.65	0.05	0.95
	7.78e-03	7.13e-03	0.0	76,77,0	8.12e-03	2.88e-03	2.88e-03	33,77,77			1.00	0.08	0.92
2553	5.45e-03	0.01	0.0	76,77,0	6.12e-03	7.89e-03	0.02	33,77,77	0.03	33	0.65	0.05	0.95
...													
6990	4.23e-03	0.02	0.0	36,33,0	0.02	0.02	0.02	34,34,34	0.05	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.09	0.03	0.0		0.09	0.02	0.03		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
62	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.11	-1249.9	77	0.04	-64.5	78	0.17	-1247.3	-2.973e+05	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1310	0.01	0.01	0.0	59,62,0	0.02	0.02	0.02	34,57,57	0.04	34	0.80	0.04	0.96
	0.02	0.05	0.0	78,34,0	0.02	0.01	0.01	34,67,67			1.00	0.08	0.92
1311	3.90e-03	6.75e-03	0.0	77,34,0	9.77e-04	0.02	0.02	34,57,57	0.01	34	0.80	0.04	0.96
...													
6185	0.04	3.19e-03	0.0	34,55,0	4.14e-03	0.02	0.02	76,34,34	0.02	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.05	0.0		0.04	0.04	0.04		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
71	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.40	-298.1	34	0.10	-128.9	56	0.10	-1029.9	0.0	33

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1362	9.38e-03	0.02	0.0	62,34,0	5.53e-03	0.05	0.06	34,34,34	0.02	34	0.80	0.04	0.96
	0.04	0.01	0.0	34,62,0	5.52e-03	0.04	0.04	34,34,34			1.00	0.08	0.92
1635	5.42e-03	0.01	0.0	62,34,0	2.90e-03	0.05	0.06	33,34,34	0.02	33	0.80	0.04	0.96
...													
6219	0.04	0.01	0.0	34,62,0	5.52e-03	0.04	0.04	34,34,34	0.02	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.06	0.0		0.02	0.05	0.06		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
74	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.14	-1144.1	77	0.08	-216.5	74	0.14	-358.3	1.464e+05	76

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1334	0.01	0.02	0.0	76,77,0	3.95e-03	0.01	0.02	34,65,65	0.02	34	0.72	0.04	0.96
	0.03	0.02	0.0	77,34,0	3.95e-03	0.03	0.03	34,68,68			1.00	0.08	0.92
1338	0.03	0.02	0.0	76,77,0	3.69e-03	7.88e-03	0.01	77,64,77	0.02	77	0.72	0.04	0.96
...													
2675	7.66e-03	0.02	0.0	73,34,0	3.95e-03	0.03	0.03	34,68,68	0.02	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.03	0.0		0.02	0.03	0.03		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
75	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.11	716.8	60	0.11	398.8	60	0.10	-1515.4	-3.629e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3944	0.03	0.04	0.0	14,15,0	6.32e-03	0.03	0.04	60,16,15	0.03	60	0.93	0.03	0.97
	0.02	8.97e-03	0.0	60,61,0	6.32e-03	4.53e-03	4.53e-03	60,16,16			1.00	0.08	0.92
3946	0.03	0.04	0.0	14,33,0	6.32e-03	0.03	0.04	60,16,15	0.03	60	0.93	0.03	0.97
...													
6032	0.02	8.97e-03	0.0	60,61,0	6.32e-03	4.53e-03	4.53e-03	60,16,16	0.03	60	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.07	0.0		6.32e-03	0.03	0.04		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
79	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.10	-316.7	83	0.13	-331.6	34	0.05	-1671.5	-2.273e+04	79

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1392	0.0	0.02	0.0	0,34,0	8.59e-03	0.02	0.02	33,36,36	0.03	33	0.0	0.0	0.0
	0.07	0.0	0.0	34,0,0	8.59e-03	0.01	0.01	33,36,36			1.00	0.08	0.92
1586	0.0	0.01	0.0	0,34,0	5.03e-03	0.02	0.02	34,36,36	0.02	34	0.0	0.0	0.0
...													
6215	0.07	0.0	0.0	34,0,0	8.59e-03	0.01	0.01	33,34,34	0.03	33	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.04	0.0		9.87e-03	0.02	0.02		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
80	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.14	-1050.9	81	0.06	-109.9	33	0.08	-685.1	9.060e+04	76

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1367	0.03	0.02	0.0	76,77,0	0.02	0.02	0.02	84,64,59	0.05	84	0.72	0.04	0.96
	0.06	0.06	0.0	83,80,0	0.02	0.04	0.04	84,64,64			1.00	0.08	0.92
1371	0.01	0.01	0.0	81,80,0	0.02	4.70e-03	7.72e-03	84,67,59	0.05	84	0.72	0.04	0.96
...													
2687	0.06	0.06	0.0	83,80,0	0.02	0.04	0.04	86,64,64	0.04	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.06	0.0		0.02	0.04	0.04		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
86	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.07	-568.6	67	0.12	-297.5	83	0.09	-648.4	-1.008e+05	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1393	9.16e-03	0.01	0.0	62,34,0	0.01	9.66e-03	0.01	34,62,62	0.03	34	0.74	0.04	0.96
	0.01	0.04	0.0	34,34,0	0.01	0.02	0.02	34,70,70			1.00	0.08	0.92
1402	8.13e-04	9.58e-03	0.0	81,34,0	2.69e-03	3.63e-03	6.86e-03	34,62,34	0.02	34	0.74	0.04	0.96
...													
2731	0.01	0.04	0.0	86,34,0	0.01	0.02	0.02	34,70,70	0.03	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.04	0.0		0.01	0.02	0.02		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
88	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.25	-181.7	83	0.09	-112.2	85	0.04	-514.1	0.0	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1426	0.03	0.02	0.0	83,34,0	2.28e-03	4.06e-03	0.01	34,59,34	0.02	34	0.80	0.04	0.96
	0.02	3.09e-03	0.0	85,84,0	2.27e-03	5.72e-03	5.72e-03	34,34,34			1.00	0.08	0.92
1513	0.03	0.02	0.0	83,34,0	2.28e-03	4.06e-03	0.01	34,59,34	0.02	34	0.80	0.04	0.96
...													
6195	5.97e-03	8.37e-03	0.0	33,55,0	3.61e-03	1.23e-03	1.23e-03	33,61,61	0.02	33	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.05	0.0		5.22e-03	6.79e-03	0.02		0.02				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
92	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.15	-1596.6	81	0.08	-197.2	34	0.07	-2228.8	1.221e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1427	0.02	0.02	0.0	33,33,0	0.01	0.01	0.02	34,33,33	0.04	34	0.80	0.04	0.96
	0.02	0.05	0.0	83,34,0	0.01	0.02	0.02	34,30,30			1.00	0.08	0.92
1434	0.02	0.02	0.0	34,34,0	9.28e-04	0.01	0.02	34,34,34	9.64e-03	34	0.80	0.04	0.96
...													
6190	0.04	4.82e-03	0.0	34,64,0	0.02	4.92e-03	4.92e-03	34,34,34	0.04	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.05	0.0		0.02	0.02	0.02		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
98	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.13	-1481.8	77	0.04	-100.0	55	0.05	-925.0	9.848e+04	64

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1456	0.01	0.01	0.0	33,34,0	4.22e-03	0.02	0.02	76,34,34	0.02	76	0.80	0.04	0.96
	0.03	0.03	0.0	77,76,0	4.22e-03	0.02	0.02	76,22,22			1.00	0.08	0.92
1465	0.01	0.01	0.0	33,33,0	8.50e-04	8.29e-03	0.02	77,33,33	9.32e-03	77	0.80	0.04	0.96
...													
6192	9.98e-03	2.89e-03	0.0	71,62,0	3.28e-03	4.22e-03	4.22e-03	55,77,77	0.02	55	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.03	0.0		4.34e-03	0.02	0.02		0.02				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
107	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.32	-4590.0	34	0.36	-3693.5	34	0.13	-524.7	-1.507e+05	67

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2104	0.01	0.03	0.0	15,14,0	0.06	0.02	0.02	34,15,14	0.08	34	0.93	0.03	0.97
	0.02	0.03	0.0	15,81,0	0.06	5.10e-03	5.10e-03	34,14,14			1.00	0.08	0.92
2105	0.04	0.05	0.0	15,14,0	0.06	0.02	0.02	34,15,14	0.08	34	0.93	0.03	0.97
...													
3842	0.04	0.02	0.0	80,15,0	0.06	5.86e-03	5.86e-03	34,86,86	0.08	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.06	0.0		0.06	0.03	0.03		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
108	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.18	212.0	80	0.09	181.7	60	0.08	-1223.7	0.0	33

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3760	0.0	0.05	0.0	0,33,0	2.66e-03	8.12e-03	0.01	80,61,57	0.02	80	0.0	0.0	0.0
	0.01	7.86e-03	0.0	81,80,0	2.66e-03	8.28e-04	8.28e-04	80,57,57			1.00	0.08	0.92
3964	0.0	0.05	0.0	0,33,0	2.66e-03	8.12e-03	0.01	80,61,57	0.02	80	0.0	0.0	0.0
...													
5996	1.33e-03	1.01e-03	0.0	57,56,0	2.04e-03	3.33e-03	3.33e-03	80,60,60	0.01	80	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.02	0.05	0.0		2.66e-03	9.49e-03	0.02		0.02				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
110	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.20	-3423.0	75	0.21	-3023.4	75	0.11	-7968.6	-2.499e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1988	0.0	0.02	0.0	0,33,0	0.02	5.77e-03	8.82e-03	78,57,56	0.04	78	0.0	0.0	0.0
	9.79e-03	0.01	0.0	57,56,0	0.02	2.72e-03	2.72e-03	78,61,61			1.00	0.08	0.92
2059	4.96e-03	0.02	0.0	61,33,0	0.02	5.77e-03	8.82e-03	78,57,56	0.04	78	0.93	0.03	0.97
...													
6002	0.01	0.01	0.0	57,77,0	0.02	0.01	0.01	78,62,62	0.05	78	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.07	0.0		0.02	0.01	0.01		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
111	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.19	2862.5	60	0.20	2479.5	60	0.12	-4091.6	1.564e+05	36

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3663	1.27e-03	0.02	0.0	76,33,0	0.02	3.77e-03	6.84e-03	60,76,77	0.04	60	0.93	0.03	0.97
	8.02e-03	9.39e-03	0.0	76,77,0	0.02	3.55e-03	3.55e-03	60,76,76			1.00	0.08	0.92
3811	0.01	0.03	0.0	72,36,0	0.01	0.01	0.02	55,78,73	0.03	55	0.93	0.03	0.97
...													
6015	7.35e-03	5.36e-03	0.0	75,78,0	0.02	5.28e-03	5.28e-03	60,78,78	0.04	60	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.06	0.0		0.02	0.01	0.02		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
112	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.15	1766.2	78	0.07	128.4	74	0.09	-1605.4	-1.669e+05	75

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2038	2.96e-03	6.46e-03	0.0	60,34,0	2.28e-03	1.44e-03	2.85e-03	60,34,34	0.02	60	0.71	0.04	0.96
	0.03	0.01	0.0	34,56,0	2.28e-03	3.35e-03	3.35e-03	60,61,61			1.00	0.08	0.92
2421	0.0	7.65e-03	0.0	0,34,0	2.14e-03	4.12e-03	7.47e-03	60,34,34	0.01	60	0.0	0.0	0.0
...													
6107	0.02	7.25e-03	0.0	77,76,0	4.99e-03	4.04e-03	4.04e-03	78,34,34	0.02	78	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.03	0.0		0.02	0.04	0.04		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
113	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.18	-2439.0	34	0.20	-2433.6	34	0.21	-4270.4	3.100e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3543	0.01	0.06	0.0	60,34,0	0.01	1.37e-03	7.95e-03	34,14,34	0.03	34	0.93	0.03	0.97
	4.25e-03	7.61e-03	0.0	56,34,0	0.01	4.88e-03	4.88e-03	34,14,14			1.00	0.08	0.92
3562	0.01	0.06	0.0	60,34,0	0.01	1.92e-03	7.95e-03	34,15,34	0.03	34	0.93	0.03	0.97
...													
5919	0.04	0.03	0.0	15,14,0	0.02	0.04	0.04	34,15,15	0.04	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.06	0.0		0.02	0.04	0.04		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
114	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.21	-1690.1	34	0.24	-1690.5	34	0.15	-1728.0	9.191e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1446	0.01	0.02	0.0	86,83,0	0.02	9.36e-03	0.01	34,14,14	0.04	34	0.93	0.03	0.97
	9.78e-03	0.01	0.0	15,14,0	0.02	6.57e-03	6.57e-03	34,13,13			1.00	0.08	0.92
1448	0.01	0.02	0.0	86,14,0	0.02	4.21e-03	0.01	34,14,14	0.04	34	0.93	0.03	0.97
...													
5878	0.02	0.01	0.0	15,14,0	0.02	0.02	0.02	34,67,67	0.05	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.08	0.0		0.02	0.03	0.05		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
115	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.13	-2049.0	77	0.07	134.4	77	0.15	-1692.1	-4.462e+05	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1992	3.57e-03	4.32e-03	0.0	56,65,0	6.27e-04	2.90e-03	4.15e-03	64,71,77	8.01e-03	64	0.78	0.04	0.96
	4.31e-03	7.53e-03	0.0	78,22,0	6.27e-04	7.41e-03	7.41e-03	64,21,21			1.00	0.08	0.92
2453	2.45e-03	8.72e-03	0.0	24,33,0	1.90e-03	4.08e-03	7.34e-03	60,33,33	0.01	60	0.78	0.04	0.96
...													
6185	0.03	3.56e-03	0.0	34,55,0	1.60e-03	0.01	0.01	77,34,34	0.01	77	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.03	0.0		0.03	0.01	0.02		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
116	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.24	5431.6	86	0.25	-4755.7	83	0.10	-5018.0	-2.576e+05	85

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1332	2.75e-03	0.02	0.0	61,34,0	0.01	1.44e-03	3.58e-03	86,61,34	0.04	86	0.93	0.03	0.97
	0.02	9.81e-03	0.0	61,60,0	0.01	0.01	0.01	86,55,55			1.00	0.08	0.92
1333	2.75e-03	0.03	0.0	61,34,0	0.02	1.44e-03	3.96e-03	86,61,34	0.04	86	0.93	0.03	0.97
...													
3906	9.65e-03	0.01	0.0	60,61,0	0.02	7.16e-03	7.16e-03	86,57,57	0.05	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.05	0.0		0.04	0.01	0.01		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
117	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.28	185.3	34	0.09	100.1	34	0.06	-558.5	0.0	33

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2417	0.0	0.03	0.0	0,34,0	8.16e-03	1.80e-03	6.83e-03	34,77,34	0.03	34	0.0	0.0	0.0
	0.0	0.02	0.0	0,34,0	8.16e-03	1.21e-04	1.21e-04	34,63,63			0.0	0.0	0.0
2681	0.01	0.03	0.0	62,34,0	8.16e-03	1.80e-03	6.83e-03	34,77,34	0.03	34	0.75	0.04	0.96
...													
6218	0.02	8.28e-03	0.0	55,58,0	2.62e-03	0.02	0.02	34,34,34	0.02	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.02	0.03	0.0		8.16e-03	0.02	0.03		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
139	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.34	-1529.7	34	0.39	-1530.0	34	0.67	459.2	1.157e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2118	9.10e-03	0.02	0.0	8,6,0	0.06	0.01	0.02	34,6,6	0.08	34	0.93	0.03	0.97
	9.64e-03	0.02	0.0	59,34,0	0.06	9.84e-03	9.84e-03	34,34,34			1.00	0.08	0.92
2167	0.02	0.03	0.0	7,6,0	0.06	6.98e-03	0.01	34,6,6	0.08	34	0.93	0.03	0.97
...													
3662	0.04	6.52e-03	0.0	34,60,0	0.05	4.31e-03	4.31e-03	34,7,7	0.07	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.06	0.0		0.06	0.03	0.04		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
148	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.40	-2.137e+04	34	0.22	-2.013e+04	34	0.24	630.4	-1.957e+06	59

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1671	5.78e-03	6.75e-03	0.0	56,62,0	0.01	9.73e-03	0.01	34,76,33	0.04	34	0.27	0.11	0.89
	6.26e-03	0.01	0.0	64,34,0	0.01	0.01	0.01	34,65,65			1.00	0.08	0.92
1672	0.06	0.02	0.0	34,56,0	0.01	0.01	0.03	34,78,72	0.04	34	0.27	0.11	0.89
...													
6760	0.04	8.03e-03	0.0	34,34,0	0.03	0.05	0.05	34,73,73	0.05	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.10	0.06	0.0		0.17	0.08	0.12		0.13				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
150	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.31	-1966.9	34	0.36	-1957.7	34	0.33	-273.7	1.012e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1314	0.08	0.07	0.0	14,15,0	0.04	0.03	0.04	34,14,15	0.06	34	0.93	0.03	0.97
	0.04	6.91e-03	0.0	34,14,0	0.04	4.56e-03	4.56e-03	34,14,14			1.00	0.08	0.92
1315	0.02	0.07	0.0	15,34,0	0.05	0.03	0.05	34,15,14	0.07	34	0.93	0.03	0.97
...													
6035	6.84e-03	6.91e-03	0.0	14,14,0	0.02	3.18e-03	3.18e-03	34,14,14	0.05	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.08	0.0		0.05	0.03	0.05		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
166	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.21	-236.0	34	0.11	-222.1	34	0.10	-1916.4	0.0	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3680	0.0	0.06	0.0	0,34,0	4.69e-03	3.73e-03	9.60e-03	34,62,62	0.02	34	0.0	0.0	0.0
	3.57e-03	2.12e-03	0.0	58,55,0	4.69e-03	3.72e-03	3.72e-03	34,58,58			1.00	0.08	0.92
3696	0.0	0.06	0.0	0,34,0	4.69e-03	3.73e-03	9.60e-03	34,62,62	0.02	34	0.0	0.0	0.0
...													
5898	1.06e-03	1.01e-03	0.0	62,59,0	3.96e-03	3.72e-03	3.72e-03	34,58,58	0.02	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.06	0.0		4.69e-03	3.80e-03	0.01		0.02				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
167	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.26	376.4	74	0.22	1172.6	78	0.0	-948.0	6.24e-03	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1565	0.0	0.05	0.0	0,33,0	0.02	1.57e-03	5.60e-03	78,61,33	0.05	78	0.0	0.0	0.0
	0.01	1.29e-03	0.0	33,57,0	0.02	3.95e-03	3.95e-03	78,56,56			1.00	0.08	0.92
1569	0.0	0.05	0.0	0,33,0	0.02	2.16e-03	5.60e-03	74,55,33	0.04	74	0.0	0.0	0.0
...													
5991	0.03	0.02	0.0	77,76,0	9.14e-03	2.09e-03	2.09e-03	78,60,60	0.03	78	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.06	0.0		0.02	0.01	0.02		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
168	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.11	924.4	55	0.13	865.4	75	0.07	-1109.4	3.728e+04	36

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2787	0.02	0.02	0.0	15,14,0	7.59e-03	0.02	0.02	75,15,14	0.03	75	0.93	0.03	0.97
	0.02	9.07e-03	0.0	14,15,0	7.59e-03	3.16e-03	3.16e-03	75,34,34			1.00	0.08	0.92
2788	0.05	0.05	0.0	16,13,0	8.21e-03	0.02	0.02	75,15,14	0.03	75	0.93	0.03	0.97
...													
5940	0.01	7.43e-03	0.0	15,14,0	9.58e-03	9.69e-03	9.69e-03	75,13,13	0.03	75	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.07	0.0		9.64e-03	0.03	0.04		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
169	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.22	-462.5	58	0.12	-426.3	34	0.09	-878.7	-2.376e+04	55

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1341	5.85e-03	0.04	0.0	15,34,0	6.44e-03	0.01	0.02	34,16,14	0.03	34	0.93	0.03	0.97
	2.36e-03	0.01	0.0	15,34,0	6.44e-03	6.85e-03	6.85e-03	34,13,13			1.00	0.08	0.92
1346	0.01	0.04	0.0	15,34,0	6.77e-03	8.60e-03	0.01	34,13,14	0.03	34	0.93	0.03	0.97
...													
5839	0.03	5.85e-03	0.0	60,61,0	4.57e-03	5.03e-03	5.03e-03	55,13,13	0.02	55	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.07	0.0		9.66e-03	0.03	0.04		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
171	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.16	-1338.9	81	0.16	-1146.8	85	0.08	-2810.7	-6.961e+04	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1412	0.06	0.09	0.0	83,86,0	9.42e-04	0.04	0.06	80,30,30	9.72e-03	80	0.93	0.03	0.97
	6.40e-03	6.12e-03	0.0	83,86,0	9.23e-04	2.31e-03	2.31e-03	80,30,30			1.00	0.08	0.92
1413	0.09	0.10	0.0	31,30,0	9.42e-04	0.04	0.06	80,30,30	9.72e-03	80	0.93	0.03	0.97
...													
3986	0.05	0.03	0.0	86,83,0	5.70e-03	4.32e-03	4.32e-03	86,31,31	0.02	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.09	0.10	0.0		0.01	0.04	0.06		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
172	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.14	-933.3	34	0.16	-933.3	34	0.13	-2412.5	6.799e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2344	0.07	0.08	0.0	15,14,0	0.01	0.03	0.04	34,14,14	0.04	34	0.93	0.03	0.97
	8.18e-03	7.11e-03	0.0	77,14,0	0.01	8.44e-03	8.44e-03	34,77,77			1.00	0.08	0.92
2348	0.07	0.08	0.0	15,14,0	0.01	9.32e-03	0.03	34,14,14	0.04	34	0.93	0.03	0.97
...													
6006	0.03	8.10e-03	0.0	34,55,0	0.01	3.18e-03	3.18e-03	34,76,76	0.04	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.08	0.0		0.01	0.03	0.04		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
173	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.15	-1123.0	34	0.17	-1123.0	34	0.14	-2797.9	8.912e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3886	0.02	0.04	0.0	15,14,0	4.66e-03	0.02	0.04	34,15,14	0.02	34	0.93	0.03	0.97
	0.02	0.01	0.0	60,61,0	4.66e-03	3.27e-03	3.27e-03	34,69,69			1.00	0.08	0.92
3912	0.02	0.05	0.0	15,14,0	9.60e-03	0.02	0.04	34,14,14	0.03	34	0.93	0.03	0.97
...													
5859	0.02	0.01	0.0	60,61,0	5.32e-03	3.27e-03	3.27e-03	34,69,69	0.02	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.08	0.0		0.02	0.03	0.04		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
174	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.25	-3738.5	58	0.26	-3059.8	34	0.21	-905.0	1.986e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1694	5.97e-03	0.02	0.0	16,65,0	8.07e-03	0.01	0.02	71,15,13	0.03	71	0.93	0.03	0.97
	0.02	0.01	0.0	14,15,0	8.07e-03	0.01	0.01	71,16,16			1.00	0.08	0.92
1702	0.01	0.02	0.0	16,13,0	9.57e-03	5.64e-03	0.01	71,13,13	0.03	71	0.93	0.03	0.97
...													
5855	0.06	0.05	0.0	14,14,0	0.04	0.02	0.02	34,15,15	0.07	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.05	0.0		0.04	0.02	0.03		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
175	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.58	702.9	72	0.25	505.7	72	0.74	3992.7	0.0	80

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2138	0.07	0.14	0.0	80,34,0	0.01	5.16e-03	0.03	72,58,58	0.05	72	0.85	0.06	0.94
	5.78e-03	1.47e-03	0.0	34,75,0	0.01	1.95e-03	1.95e-03	72,58,58			1.00	0.08	0.92
2139	0.07	0.12	0.0	80,81,0	0.01	7.94e-04	0.02	72,72,81	0.05	72	0.85	0.06	0.94
...													
4478	3.26e-03	1.47e-03	0.0	78,75,0	0.01	1.95e-03	1.95e-03	72,58,58	0.05	72	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.14	0.0		0.01	5.16e-03	0.03		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
176	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.25	-1.055e+04	34	0.15	-1.066e+04	34	0.10	-6723.2	1.157e+06	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1982	0.01	0.01	0.0	55,58,0	0.04	0.01	0.03	34,84,74	0.07	34	0.32	0.09	0.91
	0.02	0.02	0.0	74,73,0	0.04	7.84e-03	7.84e-03	34,14,14			1.00	0.08	0.92
1983	0.01	0.01	0.0	55,58,0	0.04	0.01	0.03	34,84,74	0.07	34	0.32	0.09	0.91
...													
7004	0.02	0.04	0.0	72,34,0	0.06	0.02	0.02	34,34,34	0.08	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.17	0.07	0.0		0.08	0.04	0.10		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
177	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.23	-5094.3	77	0.25	-4693.9	77	0.19	-2259.8	-4.119e+05	73

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3663	0.0	0.03	0.0	0,33,0	0.03	5.24e-03	9.13e-03	76,21,21	0.05	76	0.0	0.0	0.0
	0.03	0.02	0.0	24,21,0	0.03	0.02	0.02	76,23,23			1.00	0.08	0.92
3671	0.0	0.04	0.0	0,33,0	0.01	1.75e-03	5.47e-03	75,55,55	0.04	75	0.0	0.0	0.0
...													
6015	0.05	0.04	0.0	21,24,0	0.03	0.03	0.03	76,24,24	0.05	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.06	0.0		0.03	0.04	0.04		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
178	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.32	-1495.9	34	0.37	-1488.8	34	0.42	-201.7	8.870e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3710	0.0	0.04	0.0	0,34,0	0.04	2.21e-03	5.44e-03	34,75,34	0.07	34	0.0	0.0	0.0
	8.59e-03	2.48e-03	0.0	66,63,0	0.04	1.17e-03	1.17e-03	34,74,74			1.00	0.08	0.92
3749	2.87e-03	0.04	0.0	56,34,0	0.05	4.05e-03	8.05e-03	34,74,73	0.07	34	0.93	0.03	0.97
...													
6002	2.93e-03	1.05e-03	0.0	34,55,0	0.05	2.07e-03	2.07e-03	34,76,76	0.07	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.09	0.0		0.06	9.44e-03	0.02		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
179	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.19	-1902.2	77	0.18	-1567.4	77	0.07	-1881.3	-5.665e+04	66

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1715	0.04	0.06	0.0	77,76,0	8.53e-03	8.34e-03	0.01	77,22,22	0.03	77	0.93	0.03	0.97
	4.32e-03	3.10e-03	0.0	22,23,0	8.53e-03	4.31e-03	4.31e-03	77,23,23			1.00	0.08	0.92
1716	0.04	0.06	0.0	77,76,0	9.15e-03	8.34e-03	0.01	77,22,22	0.03	77	0.93	0.03	0.97
...													
6038	0.04	0.02	0.0	77,76,0	0.01	0.02	0.02	76,21,21	0.04	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.07	0.0		0.02	0.02	0.02		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
180	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.18	957.8	86	0.16	724.0	86	0.08	-1324.4	2.950e+04	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1463	0.05	0.06	0.0	86,83,0	0.01	0.02	0.03	86,31,29	0.03	86	0.93	0.03	0.97
	0.02	5.37e-03	0.0	33,81,0	0.01	9.48e-03	9.48e-03	86,60,60			1.00	0.08	0.92
1467	0.05	0.06	0.0	86,83,0	5.15e-03	0.02	0.03	86,31,29	0.02	86	0.93	0.03	0.97
...													
3803	0.02	0.02	0.0	85,67,0	0.01	8.32e-03	8.32e-03	86,68,68	0.04	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.07	0.0		0.02	0.02	0.04		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
182	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.26	-4952.3	77	0.25	-4732.9	77	0.20	-1046.1	-3.735e+05	65

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1652	0.02	0.02	0.0	23,22,0	0.02	0.02	0.03	76,22,22	0.04	76	0.93	0.03	0.97
	0.02	0.02	0.0	23,22,0	0.02	5.50e-03	5.50e-03	76,34,34			1.00	0.08	0.92
1653	0.05	0.05	0.0	23,22,0	0.02	0.02	0.03	76,22,22	0.05	76	0.93	0.03	0.97
...													
3785	0.02	7.47e-03	0.0	75,23,0	0.02	8.13e-03	8.13e-03	76,22,22	0.04	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.07	0.0		0.04	0.03	0.04		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
183	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.22	2833.6	76	0.24	2586.9	76	0.09	-4621.7	-1.273e+05	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1740	0.0	0.02	0.0	0,34,0	0.02	6.42e-03	9.82e-03	76,70,70	0.05	76	0.0	0.0	0.0
	0.02	0.02	0.0	66,63,0	0.02	4.53e-03	4.53e-03	76,62,62			1.00	0.08	0.92
1741	4.68e-03	0.03	0.0	67,34,0	0.02	6.42e-03	9.82e-03	74,70,70	0.05	74	0.93	0.03	0.97
...													
3994	0.02	8.53e-03	0.0	77,64,0	0.02	2.31e-03	2.31e-03	76,68,68	0.04	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.05	0.0		0.03	0.01	0.02		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
185	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.15	622.1	76	0.15	690.8	76	0.05	-2314.8	-2.285e+04	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1834	1.22e-03	0.02	0.0	76,34,0	8.68e-03	5.35e-03	8.84e-03	76,67,65	0.03	76	0.93	0.03	0.97
	7.21e-03	7.99e-03	0.0	76,77,0	8.68e-03	0.01	0.01	76,64,64			1.00	0.08	0.92
1835	6.44e-03	0.03	0.0	64,65,0	9.90e-03	5.35e-03	9.18e-03	76,67,65	0.03	76	0.93	0.03	0.97
...													
3962	0.02	6.70e-03	0.0	77,76,0	1.00e-02	5.89e-03	5.89e-03	76,34,34	0.03	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.07	0.0		0.01	0.01	0.02		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
186	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.18	244.0	84	0.12	142.0	86	0.11	-1259.8	0.0	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2147	0.04	0.05	0.0	84,85,0	3.78e-03	6.04e-03	0.01	86,69,69	0.02	86	0.93	0.03	0.97
	0.0	1.12e-03	0.0	0,33,0	3.78e-03	7.14e-04	7.14e-04	86,34,34			0.0	0.0	0.0
2152	0.04	0.05	0.0	84,85,0	3.78e-03	6.04e-03	0.01	86,69,69	0.02	86	0.93	0.03	0.97
...													
3822	0.01	0.02	0.0	83,86,0	0.01	2.00e-03	2.00e-03	84,67,67	0.03	84	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.07	0.0		0.01	6.04e-03	0.01		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
188	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.28	-5300.4	83	0.31	5781.7	86	0.16	-3340.6	-4.019e+05	83

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1320	0.03	0.03	0.0	31,30,0	0.03	0.03	0.04	86,32,30	0.06	86	0.93	0.03	0.97
	0.03	0.03	0.0	31,30,0	0.03	4.51e-03	4.51e-03	86,30,30			1.00	0.08	0.92
1415	0.07	0.06	0.0	31,30,0	0.04	0.03	0.04	86,32,30	0.06	86	0.93	0.03	0.97
...													
6036	0.04	0.03	0.0	30,29,0	0.04	4.89e-03	4.89e-03	86,86,86	0.07	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.07	0.0		0.04	0.03	0.04		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
190	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.89	-7513.7	62	0.58	-7286.3	62	0.52	-388.9	9.343e+05	65

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1762	0.0	0.06	0.0	0,33,0	0.05	9.12e-03	0.02	62,77,14	0.10	62	0.0	0.0	0.0
	0.01	5.34e-03	0.0	13,14,0	0.05	6.62e-03	6.62e-03	62,13,13			1.00	0.08	0.92
1775	0.14	0.14	0.0	65,64,0	0.04	0.01	0.02	62,15,64	0.09	62	0.85	0.06	0.94
...													
4824	0.01	0.01	0.0	15,14,0	0.05	0.01	0.01	62,14,14	0.10	62	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.14	0.14	0.0		0.05	0.02	0.03		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
191	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.24	3386.3	86	0.27	3833.2	86	0.17	-2222.9	-2.434e+05	83

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2158	0.0	0.02	0.0	0,33,0	0.02	6.05e-03	9.18e-03	86,69,68	0.05	86	0.0	0.0	0.0
	0.02	0.02	0.0	70,67,0	0.02	6.95e-03	6.95e-03	86,70,70			1.00	0.08	0.92
2162	4.60e-03	0.03	0.0	66,33,0	0.03	6.05e-03	9.18e-03	86,69,68	0.05	86	0.93	0.03	0.97
...													
3817	0.02	8.31e-03	0.0	70,67,0	0.03	1.93e-03	1.93e-03	86,70,70	0.06	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.04	0.0		0.03	9.78e-03	0.02		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
192	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.21	805.0	64	0.21	684.1	64	0.22	377.9	-4.247e+04	64

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2243	8.58e-03	0.02	0.0	8,70,0	0.02	8.85e-03	0.01	64,7,7	0.04	64	0.93	0.03	0.97
	0.02	8.66e-03	0.0	34,64,0	0.02	0.02	0.02	64,64,64			1.00	0.08	0.92
2250	0.02	0.02	0.0	7,5,0	0.02	7.87e-03	0.01	64,7,6	0.04	64	0.93	0.03	0.97
...													
3785	0.03	0.01	0.0	59,62,0	0.02	0.01	0.01	64,7,7	0.04	64	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.05	0.0		0.02	0.02	0.03		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
193	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.68	-1449.2	58	0.36	-1301.3	58	0.59	327.5	-1.209e+05	55

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1935	0.10	0.14	0.0	81,80,0	0.02	0.01	0.02	61,14,80	0.07	61	0.85	0.06	0.94
	2.25e-03	4.32e-03	0.0	60,34,0	0.02	6.62e-03	6.62e-03	61,14,14			1.00	0.08	0.92
2193	0.04	0.13	0.0	55,34,0	0.02	0.02	0.04	58,15,14	0.06	58	0.85	0.06	0.94
...													
4664	3.08e-03	2.36e-03	0.0	15,14,0	0.02	5.04e-03	5.04e-03	58,15,15	0.07	58	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.10	0.14	0.0		0.03	0.02	0.04		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
194	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.10	-421.3	65	0.12	-390.7	34	0.18	-2034.9	4.252e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2290	0.02	0.06	0.0	7,34,0	5.72e-03	0.03	0.04	34,8,6	0.02	34	0.93	0.03	0.97
	3.06e-03	2.06e-03	0.0	6,7,0	5.72e-03	2.95e-03	2.95e-03	34,6,6			1.00	0.08	0.92
2291	0.06	0.08	0.0	7,6,0	5.89e-03	0.03	0.04	34,8,6	0.02	34	0.93	0.03	0.97
...													
3758	0.05	0.0	0.0	34,0,0	0.01	1.82e-03	1.82e-03	34,77,77	0.04	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.08	0.0		0.01	0.03	0.04		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
195	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.16	-601.3	34	0.18	-601.3	34	0.27	-1677.4	5.942e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2303	0.02	0.07	0.0	7,34,0	0.01	0.03	0.04	34,6,6	0.03	34	0.93	0.03	0.97
	1.47e-03	5.18e-03	0.0	7,34,0	0.01	2.32e-03	2.32e-03	34,7,7			1.00	0.08	0.92
2304	0.06	0.08	0.0	7,6,0	0.01	0.03	0.04	34,6,6	0.04	34	0.93	0.03	0.97
...													
3745	0.05	0.0	0.0	34,0,0	0.02	1.78e-03	1.78e-03	34,75,75	0.05	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.08	0.0		0.02	0.03	0.04		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
196	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.70	-2881.0	61	0.40	-2742.8	61	0.69	-959.4	-3.825e+05	55

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2092	0.11	0.11	0.0	73,72,0	0.02	0.02	0.03	61,71,76	0.07	61	0.85	0.06	0.94
	4.11e-03	5.42e-03	0.0	15,14,0	0.02	4.20e-03	4.20e-03	61,14,14			1.00	0.08	0.92
2248	0.05	0.12	0.0	55,58,0	0.02	0.02	0.04	61,15,14	0.06	61	0.85	0.06	0.94
...													
4519	8.77e-03	6.31e-03	0.0	15,14,0	0.02	8.85e-03	8.85e-03	58,16,16	0.07	58	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.11	0.12	0.0		0.03	0.02	0.04		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
198	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.15	-589.2	34	0.18	-589.2	34	0.26	-1635.7	5.754e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2358	0.02	0.07	0.0	7,34,0	0.01	0.02	0.04	34,7,6	0.03	34	0.93	0.03	0.97
	7.49e-03	4.20e-03	0.0	34,34,0	0.01	7.48e-03	7.48e-03	34,34,34			1.00	0.08	0.92
2359	0.06	0.08	0.0	7,6,0	0.01	0.02	0.04	34,7,6	0.03	34	0.93	0.03	0.97
...													
3694	0.05	0.0	0.0	34,0,0	0.02	3.26e-03	3.26e-03	34,68,68	0.05	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.08	0.0		0.02	0.03	0.04		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
200	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.54	1.027e+04	86	0.62	1.162e+04	86	0.46	-242.0	-7.737e+05	67

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2795	0.06	0.09	0.0	31,30,0	0.12	0.03	0.04	83,31,30	0.11	83	0.93	0.03	0.97
	0.04	0.03	0.0	31,30,0	0.12	3.52e-03	3.52e-03	83,29,29			1.00	0.08	0.92
2796	0.06	0.09	0.0	31,30,0	0.12	9.07e-03	0.04	83,30,30	0.11	83	0.93	0.03	0.97
...													
4361	0.01	8.09e-03	0.0	85,31,0	0.11	7.17e-03	7.17e-03	86,30,30	0.11	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.13	0.0		0.14	0.03	0.04		0.12				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
201	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.44	-2102.5	70	0.49	-2006.4	70	0.78	2937.8	6.872e+04	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2807	0.08	0.13	0.0	86,83,0	0.09	0.03	0.04	70,6,5	0.09	70	0.93	0.03	0.97
	0.04	7.65e-03	0.0	34,6,0	0.09	9.01e-03	9.01e-03	70,7,7			1.00	0.08	0.92
2808	0.06	0.13	0.0	7,83,0	0.09	8.48e-03	0.04	70,7,6	0.09	70	0.93	0.03	0.97
...													
4361	0.03	3.33e-03	0.0	34,7,0	0.08	9.01e-03	9.01e-03	70,7,7	0.09	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.15	0.0		0.09	0.03	0.05		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
203	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.22	-870.5	70	0.24	-822.2	70	0.26	-5602.2	1.040e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2836	0.04	0.26	0.0	7,34,0	0.02	0.02	0.07	67,6,6	0.04	67	0.93	0.03	0.97
	0.03	6.29e-03	0.0	67,67,0	0.02	2.42e-03	2.42e-03	67,68,68			1.00	0.08	0.92
2837	0.04	0.26	0.0	7,34,0	0.02	0.02	0.07	70,6,6	0.05	70	0.93	0.03	0.97
...													
4301	0.03	1.64e-03	0.0	67,70,0	0.02	2.42e-03	2.42e-03	67,68,68	0.04	67	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.26	0.0		0.02	0.03	0.07		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
204	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.20	-805.5	70	0.22	-757.0	70	0.24	-6213.0	1.016e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2848	0.04	0.27	0.0	7,34,0	0.02	0.02	0.07	67,6,6	0.04	67	0.93	0.03	0.97
	0.03	6.24e-03	0.0	34,67,0	0.02	9.21e-04	9.21e-04	67,85,85			1.00	0.08	0.92
2849	0.04	0.27	0.0	7,34,0	0.02	0.02	0.07	70,6,6	0.05	70	0.93	0.03	0.97
...													
4289	0.03	0.0	0.0	34,0,0	0.02	9.21e-04	9.21e-04	67,85,85	0.04	67	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.27	0.0		0.02	0.03	0.07		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
206	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.21	-859.7	70	0.23	-811.2	70	0.25	-5893.5	1.037e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2891	0.04	0.26	0.0	7,34,0	0.01	0.02	0.07	67,6,6	0.04	67	0.93	0.03	0.97
	0.03	5.64e-03	0.0	34,67,0	0.01	9.98e-04	9.98e-04	67,78,78			1.00	0.08	0.92
2892	0.04	0.26	0.0	7,34,0	0.02	0.02	0.07	70,6,6	0.05	70	0.93	0.03	0.97
...													
4250	0.03	0.0	0.0	34,0,0	0.01	9.98e-04	9.98e-04	67,78,78	0.04	67	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.26	0.0		0.02	0.03	0.07		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
207	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.20	-802.6	70	0.22	-754.1	70	0.23	-6437.5	1.006e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2903	0.04	0.27	0.0	7,34,0	0.02	0.02	0.07	67,6,6	0.04	67	0.93	0.03	0.97
	0.04	6.28e-03	0.0	34,34,0	0.02	7.42e-04	7.42e-04	67,75,75			1.00	0.08	0.92
2904	0.04	0.27	0.0	7,34,0	0.02	0.02	0.07	70,6,6	0.05	70	0.93	0.03	0.97
...													
4238	0.04	0.0	0.0	34,0,0	0.02	7.42e-04	7.42e-04	67,75,75	0.04	67	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.27	0.0		0.02	0.03	0.07		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
209	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.36	1378.1	64	0.39	1304.1	64	0.45	1918.9	-5.702e+04	64

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2933	0.07	0.15	0.0	64,65,0	0.03	0.02	0.04	64,6,6	0.06	64	0.93	0.03	0.97
	0.03	0.01	0.0	59,62,0	0.03	5.00e-03	5.00e-03	64,6,6			1.00	0.08	0.92
2934	0.07	0.15	0.0	64,65,0	0.06	0.02	0.04	64,6,6	0.08	64	0.93	0.03	0.97
...													
4209	0.03	0.01	0.0	59,62,0	0.03	5.00e-03	5.00e-03	64,6,6	0.06	64	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.15	0.0		0.06	0.02	0.05		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
210	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.29	1572.0	86	0.31	1424.1	86	0.40	-2893.1	-1.828e+05	83

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2945	0.01	0.11	0.0	86,83,0	0.05	8.58e-03	0.02	86,29,30	0.07	86	0.93	0.03	0.97
	0.03	0.03	0.0	86,83,0	0.05	0.01	0.01	86,31,31			1.00	0.08	0.92
2946	0.01	0.11	0.0	86,83,0	0.02	8.58e-03	0.02	83,29,30	0.05	83	0.93	0.03	0.97
...													
4198	0.03	0.03	0.0	86,83,0	0.04	6.51e-03	6.51e-03	86,30,30	0.07	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.12	0.0		0.05	0.02	0.04		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
211	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.50	6885.7	86	0.56	8050.3	86	0.99	297.5	-9.876e+05	83

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2823	0.01	0.11	0.0	86,83,0	0.09	2.54e-03	0.01	86,70,67	0.10	86	0.93	0.03	0.97
	6.59e-03	4.86e-03	0.0	67,70,0	0.09	5.14e-03	5.14e-03	86,70,70			1.00	0.08	0.92
2824	0.0	0.08	0.0	0,33,0	0.09	2.54e-03	0.01	86,70,67	0.10	86	0.0	0.0	0.0
...													
4315	0.01	3.09e-03	0.0	67,70,0	0.09	2.85e-03	2.85e-03	86,67,67	0.10	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.09	0.13	0.0		0.11	8.87e-03	0.02		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
212	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.24	324.8	84	0.23	270.7	84	0.19	-2131.8	0.0	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2870	0.0	0.13	0.0	0,34,0	9.62e-03	2.78e-03	0.02	86,67,34	0.03	86	0.0	0.0	0.0
	1.71e-03	1.15e-03	0.0	81,84,0	9.62e-03	3.33e-03	3.33e-03	86,70,70			1.00	0.08	0.92
2871	0.0	0.11	0.0	0,34,0	9.62e-03	2.78e-03	0.01	86,67,34	0.03	86	0.0	0.0	0.0
...													
4271	0.02	0.02	0.0	83,86,0	0.02	3.33e-03	3.33e-03	84,70,70	0.04	84	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.13	0.0		0.02	5.14e-03	0.02		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
213	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.48	-7202.9	61	0.52	-5547.6	61	0.51	-1373.4	-6.764e+05	67

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2803	0.06	0.13	0.0	67,70,0	0.05	3.34e-03	0.02	61,15,70	0.07	61	0.93	0.03	0.97
	0.02	0.01	0.0	15,15,0	0.05	0.02	0.02	61,15,15			1.00	0.08	0.92
2804	0.04	0.11	0.0	67,34,0	0.05	3.93e-03	0.02	61,14,70	0.07	61	0.93	0.03	0.97
...													
4335	0.01	9.18e-03	0.0	70,67,0	0.05	0.02	0.02	61,15,15	0.07	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.13	0.0		0.09	0.02	0.04		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
216	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.27	1110.2	76	0.30	1396.4	76	0.18	-1559.6	-7.125e+04	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2879	0.0	0.14	0.0	0,34,0	0.04	3.08e-03	0.02	76,70,34	0.06	76	0.0	0.0	0.0
	2.33e-03	1.70e-03	0.0	65,6,0	0.04	3.29e-03	3.29e-03	76,65,65			1.00	0.08	0.92
2881	0.0	0.11	0.0	0,34,0	0.04	3.08e-03	0.02	76,70,34	0.06	76	0.0	0.0	0.0
...													
4259	3.43e-03	3.33e-03	0.0	64,65,0	0.03	3.88e-03	3.88e-03	76,68,68	0.06	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.14	0.0		0.04	8.29e-03	0.02		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
217	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.41	-5058.9	77	0.47	-4990.8	77	0.48	-2131.6	5.102e+05	76

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3125	0.0	0.12	0.0	0,34,0	0.10	1.37e-03	0.01	77,58,34	0.10	77	0.0	0.0	0.0
	2.63e-03	1.84e-03	0.0	60,58,0	0.10	3.55e-03	3.55e-03	77,61,61			1.00	0.08	0.92
3126	0.0	0.12	0.0	0,34,0	0.10	3.23e-03	0.02	77,68,34	0.10	77	0.0	0.0	0.0
...													
4022	3.53e-03	5.92e-03	0.0	68,69,0	0.10	3.03e-03	3.03e-03	77,62,62	0.10	77	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.12	0.0		0.10	7.43e-03	0.02		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
218	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.46	5885.3	76	0.51	5639.6	76	0.59	-4600.3	-8.468e+05	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2918	0.0	0.14	0.0	0,34,0	0.08	2.56e-03	0.02	76,70,34	0.09	76	0.0	0.0	0.0
	5.95e-03	3.99e-03	0.0	65,64,0	0.08	3.96e-03	3.96e-03	76,68,68			1.00	0.08	0.92
2920	0.0	0.11	0.0	0,34,0	0.08	2.56e-03	0.02	76,70,34	0.09	76	0.0	0.0	0.0
...													
4466	0.01	4.97e-03	0.0	65,64,0	0.09	1.75e-03	1.75e-03	76,63,63	0.10	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.14	0.0		0.09	9.49e-03	0.02		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
219	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.36	-3620.7	77	0.40	-3409.9	77	0.53	-4572.5	-5.750e+05	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3165	0.0	0.07	0.0	0,33,0	0.07	3.43e-03	0.01	77,23,22	0.09	77	0.0	0.0	0.0
	0.03	0.02	0.0	22,23,0	0.07	0.02	0.02	77,22,22			1.00	0.08	0.92
3166	0.03	0.11	0.0	76,77,0	0.07	8.40e-03	0.02	77,22,22	0.09	77	0.93	0.03	0.97
...													
4357	0.03	0.02	0.0	77,76,0	0.03	1.70e-03	1.70e-03	76,76,76	0.05	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.11	0.0		0.07	0.02	0.02		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
220	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.52	-9773.0	77	0.56	-1.062e+04	77	0.73	1458.0	-9.096e+05	65

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2941	0.04	0.12	0.0	78,75,0	0.07	7.43e-03	0.02	76,24,22	0.09	76	0.93	0.03	0.97
	0.02	0.01	0.0	22,22,0	0.07	0.01	0.01	76,22,22			1.00	0.08	0.92
2942	0.02	0.08	0.0	74,71,0	0.07	4.71e-03	0.02	76,21,22	0.09	76	0.93	0.03	0.97
...													
4369	0.02	0.01	0.0	23,22,0	0.12	3.46e-03	3.46e-03	77,23,23	0.11	77	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.12	0.0		0.12	0.03	0.04		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
221	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.35	-2928.8	83	0.39	-2790.4	83	0.47	-1308.1	3.263e+05	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3138	0.12	0.17	0.0	86,83,0	0.03	0.04	0.06	83,31,30	0.06	83	0.93	0.03	0.97
	0.07	0.04	0.0	86,83,0	0.03	4.42e-03	4.42e-03	83,31,31			1.00	0.08	0.92
3143	0.08	0.11	0.0	31,30,0	0.03	0.01	0.05	83,29,30	0.05	83	0.93	0.03	0.97
...													
4368	9.14e-03	4.33e-03	0.0	58,31,0	0.06	5.65e-03	5.65e-03	85,31,31	0.08	85	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.12	0.17	0.0		0.06	0.04	0.06		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
222	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.42	-9423.6	83	0.47	9045.9	86	0.25	-6563.8	-7.693e+05	83

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3040	0.0	0.09	0.0	0,34,0	0.09	1.21e-03	0.01	86,61,34	0.09	86	0.0	0.0	0.0
	6.85e-03	4.60e-03	0.0	61,60,0	0.09	4.17e-03	4.17e-03	86,61,61			1.00	0.08	0.92
3041	0.0	0.08	0.0	0,34,0	0.09	1.11e-03	9.58e-03	86,60,34	0.09	86	0.0	0.0	0.0
...													
4133	0.01	0.01	0.0	60,61,0	0.08	4.93e-03	4.93e-03	85,62,62	0.09	85	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.09	0.0		0.09	0.01	0.01		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
223	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.35	-2335.0	61	0.38	-2167.4	61	0.29	-950.8	1.328e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3305	3.88e-03	0.09	0.0	15,34,0	0.05	4.66e-03	0.01	61,13,14	0.07	61	0.93	0.03	0.97
	8.24e-03	5.76e-03	0.0	14,15,0	0.05	9.31e-03	9.31e-03	61,14,14			1.00	0.08	0.92
3307	4.66e-03	0.08	0.0	15,34,0	0.05	3.11e-03	0.01	61,13,14	0.07	61	0.93	0.03	0.97
...													
4165	0.03	4.10e-03	0.0	34,15,0	0.05	6.56e-03	6.56e-03	61,14,14	0.07	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.13	0.0		0.05	0.03	0.06		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
224	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.24	1511.5	60	0.27	974.9	60	0.17	-6231.8	1.233e+05	58

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3351	0.06	0.16	0.0	15,14,0	0.02	0.03	0.06	60,13,14	0.04	60	0.93	0.03	0.97
	0.02	6.99e-03	0.0	59,62,0	0.02	5.32e-03	5.32e-03	60,14,14			1.00	0.08	0.92
3352	0.06	0.16	0.0	15,14,0	0.02	0.03	0.06	60,13,14	0.05	60	0.93	0.03	0.97
...													
4045	0.02	6.99e-03	0.0	59,62,0	0.02	5.32e-03	5.32e-03	60,14,14	0.04	60	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.16	0.0		0.02	0.03	0.06		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
225	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.34	2039.8	78	0.39	2025.6	78	0.31	-167.3	-1.136e+05	75

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3238	0.0	0.12	0.0	0,34,0	0.06	1.28e-03	0.01	78,56,34	0.08	78	0.0	0.0	0.0
	1.88e-03	1.47e-03	0.0	75,78,0	0.06	2.00e-03	2.00e-03	78,57,57			1.00	0.08	0.92
3239	0.0	0.11	0.0	0,34,0	0.06	2.11e-03	0.01	78,71,34	0.08	78	0.0	0.0	0.0
...													
4265	4.63e-03	7.49e-03	0.0	76,77,0	0.06	4.48e-03	4.48e-03	78,34,34	0.08	78	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.14	0.0		0.06	7.80e-03	0.02		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
226	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.45	-6643.2	62	0.49	-6213.8	62	0.66	1214.0	5.696e+05	65

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3165	3.88e-03	0.07	0.0	15,33,0	0.09	4.87e-03	0.02	62,14,14	0.10	62	0.93	0.03	0.97
	0.02	0.02	0.0	14,15,0	0.09	0.02	0.02	62,13,13			1.00	0.08	0.92
3167	5.31e-03	0.07	0.0	15,33,0	0.09	4.87e-03	0.02	62,14,14	0.10	62	0.93	0.03	0.97
...													
4468	0.02	0.02	0.0	13,16,0	0.09	5.85e-03	5.85e-03	62,14,14	0.10	62	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.10	0.0		0.09	0.02	0.04		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
227	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.46	-1.006e+04	77	0.52	-9753.7	77	0.61	-5956.3	-1.884e+06	73

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3405	0.01	0.07	0.0	74,71,0	0.09	5.17e-03	0.01	76,23,21	0.10	76	0.93	0.03	0.97
	0.06	0.04	0.0	22,22,0	0.09	0.04	0.04	76,22,22			1.00	0.08	0.92
3406	0.07	0.13	0.0	78,75,0	0.06	2.19e-03	0.02	75,22,75	0.08	75	0.93	0.03	0.97
...													
4326	0.03	0.02	0.0	23,22,0	0.09	0.02	0.02	76,23,23	0.10	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.13	0.0		0.10	0.04	0.04		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
228	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.37	-6355.0	75	0.42	-6090.3	75	0.37	-1.046e+04	-1.109e+06	73

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3018	0.0	0.06	0.0	0,33,0	0.06	4.17e-03	9.05e-03	75,61,60	0.08	75	0.0	0.0	0.0
	0.02	0.01	0.0	57,56,0	0.06	3.16e-03	3.16e-03	75,60,60			1.00	0.08	0.92
3022	0.0	0.05	0.0	0,33,0	0.06	1.32e-03	8.01e-03	75,60,60	0.08	75	0.0	0.0	0.0
...													
4465	9.99e-03	6.27e-03	0.0	56,57,0	0.06	1.71e-03	1.71e-03	75,61,61	0.08	75	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.14	0.0		0.07	0.01	0.02		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
229	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.33	-1637.1	62	0.37	-1479.9	34	0.25	-971.3	8.245e+04	58

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3418	0.0	0.10	0.0	0,34,0	0.05	2.49e-03	0.01	34,77,34	0.07	34	0.0	0.0	0.0
	2.89e-03	9.44e-04	0.0	57,55,0	0.05	1.93e-03	1.93e-03	34,77,77			1.00	0.08	0.92
3421	0.0	0.08	0.0	0,34,0	0.05	1.46e-03	0.01	34,72,34	0.07	34	0.0	0.0	0.0
...													
4279	6.10e-03	8.62e-04	0.0	33,56,0	0.04	2.59e-03	2.59e-03	34,77,77	0.06	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.16	0.0		0.05	7.95e-03	0.02		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
230	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.35	5251.5	60	0.39	5012.9	60	0.31	-1.622e+04	1.034e+06	58

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3405	9.53e-03	0.06	0.0	58,55,0	0.05	2.35e-03	0.01	60,78,75	0.07	60	0.93	0.03	0.97
	5.48e-03	4.02e-03	0.0	75,78,0	0.05	4.28e-03	4.28e-03	60,78,78			1.00	0.08	0.92
3407	0.0	0.06	0.0	0,33,0	0.05	2.35e-03	0.01	60,78,75	0.07	60	0.0	0.0	0.0
...													
4326	4.39e-03	5.94e-03	0.0	72,73,0	0.05	2.01e-03	2.01e-03	60,78,78	0.07	60	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.02	0.20	0.0		0.05	0.01	0.03		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
231	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.29	-344.3	81	0.16	-318.7	61	0.23	-4614.3	0.0	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3511	0.02	0.12	0.0	55,34,0	5.95e-03	3.99e-03	0.02	61,58,34	0.02	61	0.93	0.03	0.97
	1.02e-03	9.26e-04	0.0	58,55,0	5.94e-03	3.45e-03	3.45e-03	61,58,58			1.00	0.08	0.92
3512	0.02	0.15	0.0	55,34,0	7.03e-03	3.99e-03	0.02	81,58,34	0.03	81	0.93	0.03	0.97
...													
4309	3.80e-03	2.19e-03	0.0	66,63,0	7.02e-03	3.45e-03	3.45e-03	81,58,58	0.03	81	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.02	0.15	0.0		7.03e-03	3.99e-03	0.02		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
232	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.30	362.5	80	0.16	329.6	80	0.14	-3439.5	0.0	60

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3363	0.0	0.09	0.0	0,33,0	6.09e-03	3.92e-03	0.02	80,59,55	0.02	80	0.0	0.0	0.0
	1.21e-03	8.37e-04	0.0	57,56,0	6.09e-03	3.02e-03	3.02e-03	80,59,59			1.00	0.08	0.92
3365	0.0	0.08	0.0	0,33,0	6.09e-03	2.41e-03	0.01	80,59,59	0.02	80	0.0	0.0	0.0
...													
4229	0.02	0.01	0.0	73,72,0	7.79e-03	9.81e-04	9.81e-04	80,55,55	0.03	80	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.02	0.10	0.0		7.79e-03	7.37e-03	0.02		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
233	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.32	-2800.5	61	0.36	-2671.2	61	0.36	-1022.3	2.493e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3282	0.02	0.09	0.0	83,34,0	0.04	4.40e-03	0.01	61,15,14	0.06	61	0.93	0.03	0.97
	0.01	8.58e-03	0.0	14,15,0	0.04	0.01	0.01	61,15,15			1.00	0.08	0.92
3285	0.01	0.07	0.0	83,34,0	0.04	4.21e-03	0.01	61,14,14	0.06	61	0.93	0.03	0.97
...													
4368	0.01	0.01	0.0	86,83,0	0.04	4.93e-03	4.93e-03	61,15,15	0.06	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.09	0.0		0.04	0.03	0.05		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
234	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.24	-1983.1	61	0.27	-1889.4	61	0.35	-5004.6	3.348e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3544	0.06	0.13	0.0	15,14,0	0.01	0.02	0.05	61,15,14	0.04	61	0.93	0.03	0.97
	0.02	0.01	0.0	60,61,0	0.01	2.96e-03	2.96e-03	61,66,66			1.00	0.08	0.92
3545	0.06	0.13	0.0	15,14,0	0.03	0.02	0.05	61,14,14	0.06	61	0.93	0.03	0.97
...													
4103	0.02	0.01	0.0	60,61,0	0.01	2.96e-03	2.96e-03	61,66,66	0.04	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.13	0.0		0.03	0.03	0.05		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
235	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.42	-881.3	58	0.22	-797.7	58	0.19	-340.6	-4.523e+04	55

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3325	0.04	0.09	0.0	85,84,0	0.02	9.07e-03	0.02	58,14,14	0.05	58	0.93	0.03	0.97
	3.82e-03	2.53e-03	0.0	14,15,0	0.02	4.94e-03	4.94e-03	58,14,14			1.00	0.08	0.92
3327	0.02	0.09	0.0	83,86,0	0.02	3.76e-03	0.02	58,14,14	0.05	58	0.93	0.03	0.97
...													
4341	0.06	7.12e-03	0.0	34,61,0	0.02	0.01	0.01	58,16,16	0.05	58	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.12	0.0		0.02	0.02	0.04		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
236	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.34	-4915.1	61	0.37	-4686.6	61	0.51	-5003.0	9.450e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3490	0.02	0.07	0.0	73,72,0	0.05	5.31e-03	0.01	58,85,84	0.07	58	0.93	0.03	0.97
	0.04	0.03	0.0	15,14,0	0.05	0.04	0.04	58,15,15			1.00	0.08	0.92
3492	0.01	0.06	0.0	73,72,0	0.05	5.31e-03	0.01	58,85,84	0.07	58	0.93	0.03	0.97
...													
4309	0.04	0.01	0.0	34,15,0	0.03	0.02	0.02	61,15,15	0.05	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.12	0.0		0.05	0.04	0.04		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
237	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.22	-1627.3	61	0.25	-1543.2	61	0.31	-4396.4	2.508e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3590	0.06	0.12	0.0	15,14,0	0.01	0.02	0.05	61,14,14	0.04	61	0.93	0.03	0.97
	0.02	9.76e-03	0.0	60,61,0	0.01	2.99e-03	2.99e-03	61,69,69			1.00	0.08	0.92
3591	0.06	0.12	0.0	15,14,0	0.03	0.02	0.05	61,14,14	0.05	61	0.93	0.03	0.97
...													
4333	0.02	9.76e-03	0.0	60,61,0	0.01	2.99e-03	2.99e-03	61,69,69	0.04	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.12	0.0		0.03	0.03	0.05		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
238	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.24	1935.5	55	0.26	1821.7	55	0.33	-2602.9	2.516e+05	65

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3470	0.06	0.08	0.0	77,76,0	0.02	7.78e-03	0.01	55,16,72	0.05	55	0.93	0.03	0.97
	0.01	7.63e-03	0.0	13,14,0	0.02	0.01	0.01	55,15,15			1.00	0.08	0.92
3472	0.04	0.07	0.0	77,76,0	0.02	4.14e-03	0.01	55,14,13	0.05	55	0.93	0.03	0.97
...													
4213	0.01	6.72e-03	0.0	56,57,0	0.02	0.02	0.02	58,55,55	0.05	58	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.12	0.0		0.02	0.03	0.05		0.05				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
320	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.32	435.6	78	0.24	1693.8	78	2.50e-06	3294.4	1.5	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
670	0.13	0.16	0.0	86,83,0	3.42e-03	5.58e-03	0.03	78,34,79	0.03	78	0.87	0.06	0.94
	0.02	0.02	0.0	73,86,0	3.42e-03	0.02	0.02	78,34,34			1.00	0.04	0.96
692	0.05	0.08	0.0	82,79,0	3.42e-03	5.57e-03	0.02	78,62,79	0.03	78	0.87	0.06	0.94
...													
4915	0.03	0.02	0.0	34,34,0	0.02	0.02	0.02	78,34,34	0.08	78	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.13	0.16	0.0		0.03	0.11	0.20		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
321	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.97	-6107.6	77	0.59	-6307.6	77	0.73	-42.9	1.064e+06	76

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1713	0.0	0.11	0.0	0,34,0	0.05	2.27e-03	0.02	77,70,34	0.10	77	0.0	0.0	0.0
	2.35e-03	0.01	0.0	57,34,0	0.05	3.32e-03	3.32e-03	77,70,70			1.00	0.08	0.92
1714	0.0	0.09	0.0	0,34,0	0.05	1.25e-03	0.01	77,69,34	0.10	77	0.0	0.0	0.0
...													
4864	2.97e-03	1.42e-03	0.0	57,56,0	0.05	1.81e-03	1.81e-03	77,59,59	0.10	77	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.13	0.0		0.07	3.42e-03	0.02		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
322	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.93	1944.2	76	0.51	2356.4	76	0.44	2143.2	-1.922e+05	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1429	0.03	0.10	0.0	78,75,0	0.04	8.09e-03	0.02	76,70,83	0.09	76	0.85	0.06	0.94
	5.93e-03	0.01	0.0	81,72,0	0.04	6.93e-03	6.93e-03	76,67,67			1.00	0.08	0.92
1699	0.09	0.15	0.0	77,76,0	0.04	4.39e-03	0.03	76,67,76	0.09	76	0.85	0.06	0.94
...													
5711	5.33e-03	3.99e-03	0.0	65,64,0	0.04	6.17e-03	6.17e-03	76,70,70	0.09	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.09	0.15	0.0		0.05	8.09e-03	0.03		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
323	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.89	609.1	86	0.36	415.0	86	0.35	1899.6	0.0	81

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1417	0.06	0.14	0.0	81,80,0	0.04	5.64e-03	0.03	86,62,84	0.08	86	0.85	0.06	0.94
	0.03	0.02	0.0	83,86,0	0.04	4.42e-03	4.42e-03	86,70,70			1.00	0.08	0.92
1545	0.06	0.14	0.0	81,80,0	0.04	3.32e-03	0.03	86,68,84	0.08	86	0.85	0.06	0.94
...													
5720	4.52e-03	3.35e-03	0.0	83,86,0	0.02	4.42e-03	4.42e-03	86,70,70	0.06	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.14	0.0		0.04	5.64e-03	0.03		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
324	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.70	-4484.4	83	0.45	-4095.2	83	0.58	2626.0	9.548e+05	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1730	0.27	0.26	0.0	86,83,0	0.05	0.03	0.05	86,31,83	0.10	86	0.85	0.06	0.94
	0.04	9.03e-03	0.0	86,83,0	0.05	2.95e-03	2.95e-03	86,31,31			1.00	0.08	0.92
1891	0.08	0.12	0.0	59,62,0	0.05	7.76e-03	0.03	83,62,62	0.10	83	0.85	0.06	0.94
...													
4851	0.04	9.03e-03	0.0	86,83,0	0.05	3.25e-03	3.25e-03	86,31,31	0.10	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.27	0.26	0.0		0.07	0.03	0.05		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
325	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.81	8569.6	86	0.57	1.015e+04	86	0.64	4858.6	-1.956e+06	83

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1363	0.06	0.13	0.0	86,83,0	0.07	3.46e-03	0.02	86,68,83	0.12	86	0.85	0.06	0.94
	6.57e-03	3.95e-03	0.0	65,70,0	0.07	2.31e-03	2.31e-03	86,62,62			1.00	0.08	0.92
1515	0.14	0.15	0.0	83,86,0	0.05	2.30e-03	0.03	86,70,86	0.10	86	0.85	0.06	0.94
...													
5767	6.57e-03	4.46e-03	0.0	65,70,0	0.07	4.11e-03	4.11e-03	86,70,70	0.12	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.14	0.15	0.0		0.08	5.64e-03	0.03		0.12				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
326	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.99	-7633.3	61	0.56	-6030.8	61	0.83	-2947.2	-1.183e+06	67

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1339	0.13	0.19	0.0	67,70,0	0.06	5.99e-03	0.04	61,15,70	0.11	61	0.85	0.06	0.94
	5.21e-03	0.02	0.0	15,70,0	0.06	0.01	0.01	61,86,86			1.00	0.08	0.92
1505	0.0	0.08	0.0	0,33,0	0.05	0.01	0.02	62,14,14	0.10	62	0.0	0.0	0.0
...													
5787	9.90e-03	7.81e-03	0.0	15,14,0	0.05	0.02	0.02	61,15,15	0.10	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.13	0.19	0.0		0.06	0.02	0.04		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
327	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.81	-6132.7	58	0.47	-5934.3	58	0.38	-3.016e+04	2.213e+06	58

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2025	0.04	0.08	0.0	58,55,0	0.03	1.12e-03	0.01	62,78,55	0.08	62	0.85	0.06	0.94
	1.77e-03	2.70e-03	0.0	63,22,0	0.03	9.98e-04	9.98e-04	62,86,86			1.00	0.08	0.92
2069	0.01	0.22	0.0	60,34,0	0.02	2.80e-03	0.04	61,76,34	0.07	61	0.85	0.06	0.94
...													
4584	2.82e-03	3.11e-03	0.0	75,22,0	0.03	1.98e-03	1.98e-03	62,77,77	0.08	62	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.22	0.0		0.04	3.91e-03	0.04		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
328	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.82	-2058.8	62	0.45	-1917.9	62	0.63	-784.9	1.948e+05	62

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2039	0.02	0.09	0.0	60,34,0	0.03	3.97e-03	0.02	62,77,57	0.08	62	0.85	0.06	0.94
	8.88e-03	2.96e-03	0.0	60,61,0	0.03	3.06e-03	3.06e-03	62,77,77			1.00	0.08	0.92
2052	0.0	0.09	0.0	0,33,0	0.03	1.60e-03	0.02	62,78,33	0.08	62	0.0	0.0	0.0
...													
4571	2.89e-03	1.93e-03	0.0	57,56,0	0.03	1.74e-03	1.74e-03	62,77,77	0.08	62	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.15	0.0		0.04	3.97e-03	0.03		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
329	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.78	-1.313e+04	77	0.52	-1.237e+04	77	0.59	268.1	3.069e+06	74

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2025	0.03	0.06	0.0	74,71,0	0.06	4.87e-03	0.01	77,23,55	0.11	77	0.85	0.06	0.94
	0.02	0.01	0.0	23,22,0	0.06	0.01	0.01	77,21,21			1.00	0.08	0.92
2026	0.14	0.16	0.0	76,77,0	0.06	4.82e-03	0.03	77,23,77	0.11	77	0.85	0.06	0.94
...													
4584	0.04	0.03	0.0	22,22,0	0.07	0.03	0.03	77,22,22	0.11	77	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.14	0.16	0.0		0.07	0.03	0.03		0.12				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
330	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.77	7477.3	76	0.53	7301.2	76	0.56	-1600.6	-1.799e+06	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1473	0.04	0.13	0.0	76,77,0	0.06	2.69e-03	0.02	76,68,77	0.11	76	0.85	0.06	0.94
	5.91e-03	4.06e-03	0.0	33,70,0	0.06	2.10e-03	2.10e-03	76,60,60			1.00	0.08	0.92
1738	0.10	0.12	0.0	77,76,0	0.05	2.61e-03	0.02	76,65,76	0.10	76	0.85	0.06	0.94
...													
5672	5.74e-03	4.13e-03	0.0	67,70,0	0.06	3.65e-03	3.65e-03	76,70,70	0.11	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.10	0.13	0.0		0.07	3.98e-03	0.02		0.12				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
331	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.89	1.278e+04	86	0.62	1.470e+04	86	0.27	-3374.0	-1.633e+06	83

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1312	0.07	0.14	0.0	80,81,0	0.09	0.01	0.02	86,32,81	0.13	86	0.85	0.06	0.94
	8.44e-03	4.87e-03	0.0	32,32,0	0.09	5.24e-03	5.24e-03	86,32,32			1.00	0.08	0.92
1313	0.02	0.07	0.0	80,81,0	0.09	0.02	0.03	86,32,30	0.13	86	0.85	0.06	0.94
...													
5815	0.01	8.87e-03	0.0	31,29,0	0.08	0.01	0.01	86,29,29	0.13	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.13	0.19	0.0		0.09	0.02	0.03		0.13				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
332	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.83	-1.188e+04	77	0.56	-1.309e+04	77	0.30	2600.2	-1.411e+06	65

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1499	0.09	0.14	0.0	78,75,0	0.07	0.01	0.02	76,23,75	0.12	76	0.85	0.06	0.94
	8.75e-03	5.50e-03	0.0	23,22,0	0.07	5.19e-03	5.19e-03	76,23,23			1.00	0.08	0.92
1775	0.14	0.14	0.0	65,64,0	0.07	7.10e-03	0.03	77,22,64	0.12	77	0.85	0.06	0.94
...													
5649	0.01	0.01	0.0	22,22,0	0.07	0.01	0.01	76,22,22	0.11	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.14	0.14	0.0		0.08	0.02	0.03		0.12				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
333	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.84	1650.9	64	0.48	1594.3	64	0.54	4129.7	-1.093e+05	64

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1492	0.08	0.20	0.0	64,65,0	0.03	0.02	0.04	64,6,6	0.07	64	0.85	0.06	0.94
	1.08e-03	1.29e-03	0.0	77,65,0	0.03	5.01e-03	5.01e-03	64,6,6			1.00	0.08	0.92
1493	0.08	0.20	0.0	64,65,0	0.04	0.02	0.04	67,6,6	0.09	67	0.85	0.06	0.94
...													
5657	3.39e-03	2.64e-03	0.0	7,6,0	0.03	5.01e-03	5.01e-03	64,6,6	0.07	64	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.20	0.0		0.04	0.02	0.04		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
334	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.33	-2791.3	34	0.12	222.3	58	0.09	-194.3	-1.106e+05	60

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2441	5.12e-03	0.01	0.0	60,61,0	7.15e-03	6.60e-03	0.01	61,80,80	0.03	61	0.52	0.06	0.94
	7.76e-03	6.65e-03	0.0	73,72,0	7.14e-03	5.91e-03	5.91e-03	61,80,80			1.00	0.08	0.92
2451	3.34e-03	7.81e-03	0.0	73,72,0	7.50e-03	6.60e-03	0.01	58,80,80	0.03	58	0.52	0.06	0.94
...													
6938	0.02	0.01	0.0	34,34,0	0.04	0.02	0.02	34,34,34	0.07	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.09	0.08	0.0		0.05	0.03	0.04		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
350	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.72	-2337.1	61	0.41	-1475.1	61	0.36	-5558.7	-2.725e+05	60

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1965	0.02	0.20	0.0	60,34,0	0.02	0.02	0.05	61,13,14	0.06	61	0.85	0.06	0.94
	2.45e-03	2.69e-03	0.0	15,14,0	0.02	6.02e-03	6.02e-03	61,14,14			1.00	0.08	0.92
1966	0.02	0.20	0.0	60,34,0	0.02	0.02	0.05	61,13,14	0.07	61	0.85	0.06	0.94
...													
4638	4.22e-03	4.05e-03	0.0	15,14,0	0.02	6.02e-03	6.02e-03	61,14,14	0.06	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.20	0.0		0.03	0.02	0.05		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
366	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.33	452.8	86	0.23	-1602.0	81	1.84e-06	2445.9	1.3	72

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
659	0.10	0.14	0.0	72,73,0	3.70e-03	5.44e-03	0.03	86,57,73	0.03	86	0.87	0.06	0.94
	0.02	0.02	0.0	81,80,0	3.70e-03	5.72e-03	5.72e-03	86,67,67			1.00	0.04	0.96
677	0.03	0.07	0.0	72,73,0	3.70e-03	5.44e-03	0.02	86,57,57	0.03	86	0.87	0.06	0.94
...													
4924	0.02	0.02	0.0	81,80,0	0.03	8.29e-03	8.29e-03	86,64,64	0.09	86	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.11	0.14	0.0		0.03	0.02	0.04		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
367	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.65	-787.3	73	0.31	-644.6	73	0.72	3891.5	0.0	81

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1978	0.07	0.11	0.0	81,55,0	0.02	2.45e-03	0.02	73,60,55	0.06	73	0.85	0.06	0.94
	6.67e-03	1.90e-03	0.0	34,78,0	0.02	3.82e-03	3.82e-03	73,58,58			1.00	0.08	0.92
2151	0.07	0.10	0.0	81,80,0	0.02	2.45e-03	0.02	73,60,80	0.06	73	0.85	0.06	0.94
...													
4626	2.96e-03	1.90e-03	0.0	75,78,0	0.01	3.82e-03	3.82e-03	73,58,58	0.05	73	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.11	0.0		0.02	3.82e-03	0.02		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
368	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.85	-3166.9	62	0.46	-2852.5	62	0.76	8967.1	1.372e+05	73

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
687	0.12	0.14	0.0	79,82,0	0.03	0.03	0.07	62,86,86	0.08	62	0.87	0.06	0.94
	0.02	0.02	0.0	86,86,0	0.03	0.01	0.01	62,86,86			1.00	0.04	0.96
702	0.13	0.11	0.0	73,72,0	0.03	0.01	0.04	62,75,72	0.08	62	0.87	0.06	0.94
...													
4908	0.02	0.02	0.0	86,86,0	0.02	0.01	0.01	61,86,86	0.07	61	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.13	0.14	0.0		0.03	0.03	0.07		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
369	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.94	-8183.4	75	0.54	-7833.0	75	0.85	-5185.2	1.725e+06	72

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1596	0.0	0.04	0.0	0,33,0	0.04	1.98e-03	7.23e-03	75,61,33	0.09	75	0.0	0.0	0.0
	4.21e-03	3.29e-03	0.0	58,55,0	0.04	1.31e-03	1.31e-03	75,59,59			1.00	0.08	0.92
2039	0.02	0.08	0.0	72,73,0	0.04	5.57e-03	0.02	75,60,61	0.09	75	0.85	0.06	0.94
...													
4971	7.49e-03	6.85e-03	0.0	58,55,0	0.05	1.72e-03	1.72e-03	75,55,55	0.10	75	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.14	0.18	0.0		0.05	0.01	0.03		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
370	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	NV

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
NV	0.98	-759.7	70	0.02	-32.4	84	100.00	-401.0	-4.03e-03	1

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
659	0.15	0.16	0.0	86,83,0	0.03	0.03	0.07	70,86,81	0.09	70	0.87	0.06	0.94
	3.90e-03	7.27e-03	0.0	70,34,0	0.03	0.01	0.01	70,86,86			1.00	0.04	0.96
660	0.15	0.16	0.0	86,83,0	0.03	0.01	0.04	70,83,83	0.09	70	0.87	0.06	0.94
...													
4924	3.90e-03	2.47e-03	0.0	70,67,0	0.02	0.01	0.01	70,86,86	0.07	70	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.15	0.16	0.0		0.03	0.03	0.07		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
371	Xlam - Ascensore (XLAM -4- vert)	5	16.0	NO	NV

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
NV	1.12	-592.8	61	0.07	66.4	70	100.00	-1190.2	0.0	1

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
669	0.12	0.18	0.0	72,73,0	0.04	0.02	0.06	61,78,73	0.11	61	0.87	0.06	0.94
	0.02	2.07e-03	0.0	67,70,0	0.04	0.02	0.02	61,78,78			1.00	0.04	0.96
670	0.14	0.18	0.0	86,73,0	0.04	0.02	0.06	61,78,83	0.11	61	0.87	0.06	0.94
...													
4916	0.02	3.13e-03	0.0	67,62,0	0.04	0.02	0.02	61,78,78	0.11	61	1.00	0.04	0.96
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.14	0.18	0.0		0.04	0.02	0.06		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
372	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.84	-6253.5	61	0.49	-6105.5	61	0.73	-5539.5	1.939e+06	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2113	0.04	0.08	0.0	73,72,0	0.03	3.65e-03	0.01	61,14,80	0.08	61	0.85	0.06	0.94
	0.01	9.80e-03	0.0	15,14,0	0.03	0.01	0.01	61,13,13			1.00	0.08	0.92
2138	0.04	0.14	0.0	55,34,0	0.03	0.03	0.05	61,82,74	0.08	61	0.85	0.06	0.94
...													
4499	0.03	0.03	0.0	16,13,0	0.03	0.03	0.03	61,15,15	0.08	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.11	0.14	0.0		0.04	0.03	0.05		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
373	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.83	-3665.8	61	0.48	-3565.6	61	0.66	295.6	6.269e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1891	0.08	0.12	0.0	79,82,0	0.03	0.01	0.03	61,82,82	0.08	61	0.85	0.06	0.94
	6.75e-03	4.80e-03	0.0	86,13,0	0.03	4.61e-03	4.61e-03	61,14,14			1.00	0.08	0.92
2156	0.02	0.06	0.0	83,86,0	0.03	0.02	0.03	61,14,14	0.08	61	0.85	0.06	0.94
...													
4707	9.57e-03	7.16e-03	0.0	15,15,0	0.03	9.09e-03	9.09e-03	61,15,15	0.08	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.12	0.0		0.04	0.02	0.03		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
388	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.70	-2565.6	70	0.48	-2483.2	70	0.30	5346.2	2.152e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1312	0.07	0.14	0.0	80,81,0	0.06	7.19e-03	0.03	70,7,81	0.11	70	0.85	0.06	0.94
	3.25e-03	4.89e-03	0.0	69,6,0	0.06	4.79e-03	4.79e-03	70,7,7			1.00	0.08	0.92
1344	0.10	0.18	0.0	70,67,0	0.06	0.02	0.03	70,5,6	0.11	70	0.85	0.06	0.94
...													
5815	3.55e-03	2.56e-03	0.0	8,7,0	0.06	5.12e-03	5.12e-03	70,7,7	0.11	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.10	0.18	0.0		0.06	0.02	0.04		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
399	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.86	-2920.4	61	0.49	-2781.6	61	0.84	-522.6	3.496e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1914	0.02	0.09	0.0	59,34,0	0.04	6.51e-03	0.02	61,15,14	0.09	61	0.85	0.06	0.94
	3.61e-03	4.84e-03	0.0	15,14,0	0.04	3.96e-03	3.96e-03	61,14,14			1.00	0.08	0.92
1948	0.0	0.08	0.0	0,34,0	0.04	0.01	0.03	61,15,14	0.09	61	0.0	0.0	0.0
...													
4684	6.75e-03	4.97e-03	0.0	14,13,0	0.04	8.45e-03	8.45e-03	61,14,14	0.08	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.14	0.0		0.04	0.02	0.04		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
413	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.67	-2487.5	61	0.39	-2449.9	61	0.77	-7324.9	7.725e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2228	0.04	0.12	0.0	60,34,0	0.02	0.02	0.04	61,15,14	0.06	61	0.85	0.06	0.94
	7.93e-04	6.73e-04	0.0	60,61,0	0.02	4.09e-04	4.09e-04	61,69,69			1.00	0.08	0.92
2229	0.04	0.12	0.0	60,34,0	0.02	0.02	0.04	61,15,14	0.07	61	0.85	0.06	0.94
...													
4399	7.93e-04	6.73e-04	0.0	60,61,0	0.02	4.09e-04	4.09e-04	61,69,69	0.06	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.12	0.0		0.03	0.02	0.04		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
414	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.74	-3070.9	61	0.44	-3032.4	61	0.80	-8653.6	9.942e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2173	0.03	0.14	0.0	60,34,0	0.02	0.02	0.04	61,15,14	0.07	61	0.85	0.06	0.94
	4.51e-04	8.69e-04	0.0	35,34,0	0.02	3.56e-04	3.56e-04	61,78,78			1.00	0.08	0.92
2174	0.03	0.14	0.0	60,34,0	0.03	0.02	0.04	61,15,14	0.08	61	0.85	0.06	0.94
...													
4445	4.51e-04	8.69e-04	0.0	35,34,0	0.02	3.56e-04	3.56e-04	61,78,78	0.07	61	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.14	0.0		0.04	0.02	0.04		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
415	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.98	-5316.9	77	0.61	-5165.1	77	0.92	-6312.9	-1.703e+06	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1762	0.0	0.06	0.0	0,33,0	0.06	3.76e-03	9.97e-03	77,23,22	0.11	77	0.0	0.0	0.0
	9.40e-03	7.45e-03	0.0	23,22,0	0.06	5.71e-03	5.71e-03	77,23,23			1.00	0.08	0.92
1763	0.10	0.13	0.0	76,77,0	0.06	5.28e-03	0.02	77,22,77	0.11	77	0.85	0.06	0.94
...													
4824	0.02	0.02	0.0	22,24,0	0.06	0.02	0.02	77,22,22	0.11	77	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.13	0.15	0.0		0.07	0.02	0.03		0.12				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
416	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.69	1637.9	86	0.47	1.116e+04	86	0.0	-4188.6	-3.01e-02	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1617	0.0	0.07	0.0	0,34,0	0.05	1.26e-03	0.01	86,60,34	0.10	86	0.0	0.0	0.0
	2.77e-03	8.00e-03	0.0	61,34,0	0.05	7.56e-04	7.56e-04	86,59,59			1.00	0.08	0.92
1914	6.38e-03	0.07	0.0	59,34,0	0.05	4.88e-03	0.01	83,59,62	0.10	83	0.85	0.06	0.94
...													
4949	3.88e-03	2.11e-03	0.0	58,55,0	0.05	1.73e-03	1.73e-03	86,62,62	0.10	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.11	0.14	0.0		0.06	0.01	0.03		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
417	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.94	-1.835e+04	62	0.60	-1.815e+04	62	0.46	-5.541e+04	1.100e+07	62

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1600	0.0	0.30	0.0	0,34,0	0.04	2.80e-03	0.05	62,86,34	0.09	62	0.0	0.0	0.0
	1.12e-03	2.16e-03	0.0	60,34,0	0.04	9.24e-04	9.24e-04	62,86,86			1.00	0.08	0.92
1601	0.0	0.30	0.0	0,34,0	0.05	2.80e-03	0.05	62,86,34	0.10	62	0.0	0.0	0.0
...													
4966	1.12e-03	2.71e-03	0.0	60,34,0	0.04	9.24e-04	9.24e-04	62,86,86	0.09	62	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.30	0.0		0.06	8.17e-03	0.05		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
418	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.45	-1.579e+04	62	0.51	-1.545e+04	62	0.39	-3.188e+04	5.376e+06	62

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3023	0.0	0.26	0.0	0,34,0	0.04	8.10e-03	0.04	56,80,34	0.07	56	0.0	0.0	0.0
	0.03	4.29e-03	0.0	60,60,0	0.04	2.16e-03	2.16e-03	56,80,80			1.00	0.08	0.92
3024	0.0	0.26	0.0	0,34,0	0.06	8.10e-03	0.04	59,80,34	0.08	59	0.0	0.0	0.0
...													
4329	0.02	8.02e-03	0.0	86,83,0	0.10	7.80e-03	7.80e-03	62,83,83	0.10	62	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.26	0.0		0.10	0.01	0.04		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
419	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.26	-8609.3	34	0.30	-8610.0	34	0.19	-9907.2	1.041e+06	36

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1575	6.84e-03	0.06	0.0	59,34,0	0.03	8.42e-03	0.02	34,76,74	0.06	34	0.93	0.03	0.97
	0.02	0.01	0.0	59,62,0	0.03	1.57e-03	1.57e-03	34,56,56			1.00	0.08	0.92
1579	8.58e-03	0.06	0.0	71,34,0	0.03	8.42e-03	0.02	34,76,74	0.06	34	0.93	0.03	0.97
...													
3879	0.04	0.02	0.0	86,83,0	0.06	0.01	0.01	34,83,83	0.08	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.07	0.0		0.08	0.01	0.02		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
420	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.92	-3996.4	70	0.52	-3783.7	70	0.90	-6618.1	1.433e+06	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1356	0.03	0.21	0.0	60,34,0	0.04	0.01	0.04	70,5,6	0.08	70	0.85	0.06	0.94
	1.70e-03	1.66e-03	0.0	7,83,0	0.04	1.52e-03	1.52e-03	70,6,6			1.00	0.08	0.92
1357	0.03	0.21	0.0	60,34,0	0.04	0.01	0.04	70,5,6	0.09	70	0.85	0.06	0.94
...													
5775	2.45e-03	2.85e-03	0.0	7,6,0	0.04	3.81e-03	3.81e-03	70,6,6	0.08	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.14	0.22	0.0		0.07	0.02	0.04		0.12				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
421	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.28	-2402.4	70	0.31	-2247.0	65	0.63	-2683.7	4.761e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2815	0.02	0.17	0.0	7,34,0	0.03	0.01	0.03	67,6,6	0.06	67	0.93	0.03	0.97
	0.03	7.25e-03	0.0	67,70,0	0.03	5.40e-03	5.40e-03	67,6,6			1.00	0.08	0.92
2816	0.02	0.17	0.0	7,34,0	0.04	0.01	0.03	56,6,6	0.07	56	0.93	0.03	0.97
...													
4321	0.03	7.25e-03	0.0	67,70,0	0.03	3.77e-04	3.77e-04	67,84,84	0.06	67	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.09	0.17	0.0		0.07	0.03	0.03		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
422	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.14	-1149.0	34	0.17	-1147.9	34	0.21	-365.6	8.644e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2370	0.02	0.08	0.0	67,34,0	0.02	4.21e-03	0.01	34,34,34	0.05	34	0.93	0.03	0.97
	5.72e-03	0.02	0.0	67,34,0	0.02	6.48e-03	6.48e-03	34,7,7			1.00	0.08	0.92
2371	0.02	0.08	0.0	67,34,0	0.02	4.21e-03	0.01	34,34,34	0.05	34	0.93	0.03	0.97
...													
3682	0.07	8.94e-04	0.0	34,60,0	0.05	5.50e-03	5.50e-03	34,8,8	0.07	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.08	0.0		0.05	0.03	0.03		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
423	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.88	-3051.7	70	0.51	-2988.4	70	0.96	-9112.5	1.033e+06	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1410	0.05	0.21	0.0	67,34,0	0.03	0.01	0.04	70,6,6	0.08	70	0.85	0.06	0.94
	1.15e-03	1.21e-03	0.0	72,73,0	0.03	2.81e-03	2.81e-03	70,86,86			1.00	0.08	0.92
1411	0.05	0.21	0.0	67,34,0	0.04	0.01	0.04	70,6,6	0.09	70	0.85	0.06	0.94
...													
5728	1.15e-03	1.76e-03	0.0	72,6,0	0.03	2.81e-03	2.81e-03	70,86,86	0.08	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.09	0.21	0.0		0.05	0.01	0.04		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
424	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.26	1766.3	67	0.28	1671.5	67	0.38	-4522.1	2.674e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2862	0.02	0.16	0.0	7,34,0	0.03	0.02	0.04	67,6,6	0.06	67	0.93	0.03	0.97
	0.03	7.00e-03	0.0	67,70,0	0.03	3.68e-03	3.68e-03	67,6,6			1.00	0.08	0.92
2863	0.02	0.16	0.0	7,34,0	0.04	0.02	0.04	64,6,6	0.06	64	0.93	0.03	0.97
...													
4277	0.03	7.00e-03	0.0	67,70,0	0.03	1.10e-03	1.10e-03	67,83,83	0.06	67	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.16	0.0		0.04	0.02	0.04		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
425	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.10	683.1	56	0.10	590.5	56	0.13	-1514.0	-6.765e+04	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2328	5.56e-03	0.06	0.0	56,34,0	6.92e-03	2.93e-03	7.84e-03	34,83,73	0.03	34	0.93	0.03	0.97
	0.01	0.01	0.0	83,34,0	6.92e-03	8.65e-03	8.65e-03	34,83,83			1.00	0.08	0.92
2329	5.56e-03	0.06	0.0	56,34,0	6.92e-03	2.93e-03	7.84e-03	34,83,73	0.03	34	0.93	0.03	0.97
...													
3722	0.04	8.09e-03	0.0	34,67,0	0.01	9.43e-03	9.43e-03	34,86,86	0.04	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.06	0.0		0.01	0.02	0.02		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
426	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.93	-2870.5	70	0.50	-2619.4	65	0.90	-7649.7	7.676e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1428	0.05	0.15	0.0	64,34,0	0.04	4.62e-03	0.03	70,76,65	0.09	70	0.85	0.06	0.94
	4.72e-03	4.95e-03	0.0	7,77,0	0.04	2.74e-03	2.74e-03	70,77,77			1.00	0.08	0.92
1429	0.07	0.15	0.0	70,34,0	0.04	6.95e-03	0.03	70,76,83	0.09	70	0.85	0.06	0.94
...													
5712	0.01	0.01	0.0	7,6,0	0.04	9.92e-03	9.92e-03	70,7,7	0.09	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.15	0.0		0.04	0.01	0.03		0.09				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
427	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.27	-1618.0	65	0.29	-1526.9	65	0.37	-4349.4	2.223e+05	62

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2878	2.30e-03	0.15	0.0	64,34,0	0.02	2.96e-03	0.02	65,6,34	0.05	65	0.93	0.03	0.97
	0.03	0.01	0.0	34,6,0	0.02	0.01	0.01	65,7,7			1.00	0.08	0.92
2879	0.01	0.15	0.0	82,34,0	0.05	2.96e-03	0.02	34,6,34	0.07	34	0.93	0.03	0.97
...													
4261	0.03	1.35e-03	0.0	34,7,0	0.02	4.01e-03	4.01e-03	64,6,6	0.05	64	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.15	0.0		0.05	0.01	0.02		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
428	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.19	-1076.6	34	0.22	-1075.1	34	0.43	-1304.8	1.445e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2316	5.36e-03	0.06	0.0	59,34,0	0.03	2.10e-03	8.09e-03	34,75,34	0.06	34	0.93	0.03	0.97
	2.05e-03	0.02	0.0	7,34,0	0.03	4.80e-03	4.80e-03	34,7,7			1.00	0.08	0.92
2317	5.44e-03	0.06	0.0	67,34,0	0.03	2.10e-03	8.09e-03	34,75,34	0.06	34	0.93	0.03	0.97
...													
3734	0.06	0.0	0.0	34,0,0	0.05	6.07e-03	6.07e-03	34,6,6	0.07	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.06	0.0		0.05	0.01	0.01		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
429	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.20	-1603.8	34	0.23	-1601.2	34	0.31	-857.1	1.400e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2273	0.03	0.05	0.0	64,65,0	0.03	0.02	0.03	34,6,6	0.05	34	0.93	0.03	0.97
	7.67e-03	0.01	0.0	59,34,0	0.03	4.73e-03	4.73e-03	34,34,34			1.00	0.08	0.92
2274	0.04	0.05	0.0	7,65,0	0.03	0.02	0.03	34,6,6	0.05	34	0.93	0.03	0.97
...													
3774	0.03	3.00e-03	0.0	34,59,0	0.05	3.83e-03	3.83e-03	34,77,77	0.07	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.05	0.0		0.05	0.02	0.03		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
430	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.97	-4206.4	70	0.54	-3956.3	70	0.96	-8611.8	-1.254e+06	64

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1472	0.08	0.20	0.0	64,65,0	0.04	4.12e-03	0.04	70,77,65	0.09	70	0.85	0.06	0.94
	6.33e-03	3.68e-03	0.0	6,6,0	0.04	6.31e-03	6.31e-03	70,6,6			1.00	0.08	0.92
1473	0.08	0.20	0.0	64,65,0	0.05	5.77e-03	0.04	70,6,65	0.10	70	0.85	0.06	0.94
...													
5673	0.01	0.01	0.0	7,6,0	0.04	0.01	0.01	70,7,7	0.09	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.20	0.0		0.06	0.02	0.04		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
431	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.32	-2715.3	70	0.35	-2581.8	70	0.45	-4799.0	-4.160e+05	64

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2917	0.04	0.15	0.0	64,34,0	0.04	5.14e-03	0.02	64,7,65	0.06	64	0.93	0.03	0.97
	0.03	0.02	0.0	64,6,0	0.04	0.01	0.01	64,7,7			1.00	0.08	0.92
2918	0.04	0.15	0.0	64,34,0	0.06	5.85e-03	0.02	62,6,65	0.08	62	0.93	0.03	0.97
...													
4225	0.03	5.25e-03	0.0	64,65,0	0.04	8.14e-03	8.14e-03	64,8,8	0.06	64	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.15	0.0		0.06	0.02	0.04		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
432	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.96	694.2	78	0.52	2734.0	78	0.0	-1397.3	-2.55e-02	77

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1842	0.0	0.12	0.0	0,34,0	0.04	1.02e-03	0.02	78,33,34	0.09	78	0.0	0.0	0.0
	4.44e-03	9.10e-03	0.0	77,34,0	0.04	1.75e-03	1.75e-03	78,60,60			1.00	0.08	0.92
1985	0.10	0.14	0.0	75,78,0	0.03	2.33e-03	0.03	78,58,78	0.08	78	0.85	0.06	0.94
...													
4751	4.44e-03	2.50e-03	0.0	77,76,0	0.04	1.52e-03	1.52e-03	78,57,57	0.09	78	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.10	0.14	0.0		0.05	5.89e-03	0.03		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
433	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.95	2619.7	86	0.53	2460.3	86	0.85	-2010.5	-5.917e+05	83

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1505	0.08	0.15	0.0	86,83,0	0.05	6.68e-03	0.03	86,29,83	0.10	86	0.85	0.06	0.94
	1.41e-03	9.70e-03	0.0	15,34,0	0.05	6.91e-03	6.91e-03	86,30,30			1.00	0.08	0.92
1506	0.08	0.15	0.0	86,83,0	0.03	6.68e-03	0.03	83,29,83	0.08	83	0.85	0.06	0.94
...													
5645	4.42e-03	9.70e-03	0.0	30,34,0	0.06	8.82e-03	8.82e-03	86,29,29	0.11	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.12	0.17	0.0		0.06	0.02	0.03		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
435	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.11	-417.4	34	0.13	-417.4	34	0.20	-2097.4	4.724e+04	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2345	0.02	0.06	0.0	7,34,0	6.78e-03	0.02	0.04	34,6,6	0.03	34	0.93	0.03	0.97
	2.39e-03	3.22e-03	0.0	83,5,0	6.78e-03	4.13e-03	4.13e-03	34,5,5			1.00	0.08	0.92
2346	0.06	0.08	0.0	7,6,0	7.08e-03	0.02	0.04	34,6,6	0.03	34	0.93	0.03	0.97
...													
3706	0.05	0.0	0.0	34,0,0	0.02	2.16e-03	2.16e-03	34,83,83	0.04	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.08	0.10	0.0		0.02	0.03	0.04		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
436	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.73	-1506.3	70	0.43	-1484.4	70	0.50	-1.136e+04	3.459e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1458	0.0	0.27	0.0	0,34,0	0.02	0.02	0.06	70,6,6	0.07	70	0.0	0.0	0.0
	7.59e-04	6.62e-04	0.0	69,68,0	0.02	5.29e-04	5.29e-04	70,70,70			1.00	0.08	0.92
1459	0.0	0.27	0.0	0,34,0	0.02	0.02	0.06	70,7,6	0.07	70	0.0	0.0	0.0
...													
5687	7.59e-04	1.47e-03	0.0	69,34,0	0.02	5.29e-04	5.29e-04	70,70,70	0.07	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.01	0.27	0.0		0.03	0.02	0.06		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
437	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.75	-1540.5	70	0.44	-1518.6	70	0.52	-1.073e+04	3.456e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1443	0.0	0.26	0.0	0,34,0	0.03	0.02	0.06	70,6,6	0.07	70	0.0	0.0	0.0
	7.03e-04	6.43e-04	0.0	69,68,0	0.03	5.32e-04	5.32e-04	70,70,70			1.00	0.08	0.92
1444	2.51e-03	0.26	0.0	70,34,0	0.03	0.02	0.06	70,6,6	0.07	70	0.85	0.06	0.94
...													
5699	7.03e-04	1.32e-03	0.0	69,34,0	0.03	5.32e-04	5.32e-04	70,70,70	0.07	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.01	0.26	0.0		0.03	0.02	0.06		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
438	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.74	-1524.3	70	0.43	-1502.3	70	0.52	-1.097e+04	3.503e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1395	0.0	0.27	0.0	0,34,0	0.02	0.02	0.06	70,6,6	0.07	70	0.0	0.0	0.0
	1.39e-03	1.01e-03	0.0	65,64,0	0.02	5.33e-04	5.33e-04	70,70,70			1.00	0.08	0.92
1396	1.81e-03	0.27	0.0	70,34,0	0.02	0.02	0.06	70,6,6	0.07	70	0.85	0.06	0.94
...													
5742	1.39e-03	1.60e-03	0.0	65,34,0	0.02	5.33e-04	5.33e-04	70,70,70	0.07	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.01	0.27	0.0		0.03	0.02	0.06		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
439	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.75	-1538.9	70	0.44	-1516.9	70	0.53	-1.039e+04	3.471e+05	70

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1380	0.0	0.26	0.0	0,34,0	0.03	0.02	0.06	70,6,6	0.07	70	0.0	0.0	0.0
	1.29e-03	9.74e-04	0.0	69,68,0	0.03	5.24e-04	5.24e-04	70,65,65			1.00	0.08	0.92
1381	6.72e-03	0.26	0.0	70,34,0	0.03	0.02	0.06	70,6,6	0.07	70	0.85	0.06	0.94
...													
5754	1.29e-03	1.36e-03	0.0	69,34,0	0.03	5.24e-04	5.24e-04	70,65,65	0.07	70	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.01	0.26	0.0		0.03	0.02	0.06		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
440	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.24	-1132.7	61	0.04	72.9	55	0.18	-315.9	-1.087e+05	61

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2061	9.30e-03	7.18e-03	0.0	61,60,0	2.54e-03	2.97e-03	4.99e-03	61,61,33	0.02	61	0.52	0.06	0.94
	0.02	0.02	0.0	60,61,0	2.54e-03	1.49e-03	1.49e-03	61,80,80			1.00	0.08	0.92
2441	9.95e-03	0.02	0.0	80,61,0	1.62e-03	6.24e-03	0.01	60,34,34	0.01	60	0.52	0.06	0.94
...													
6073	0.01	1.83e-03	0.0	34,35,0	4.16e-04	1.71e-03	1.71e-03	33,36,36	6.53e-03	33	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.02	0.02	0.0		0.01	0.03	0.04		0.03				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
441	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.09	-723.3	75	0.05	123.8	86	0.02	-1011.6	-2.730e+04	55

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2129	0.01	0.02	0.0	60,34,0	1.44e-03	6.12e-03	0.01	33,34,34	0.01	33	0.63	0.05	0.95
	0.02	0.01	0.0	34,55,0	1.44e-03	0.01	0.01	33,34,34			1.00	0.08	0.92
2499	6.39e-03	0.02	0.0	34,34,0	4.36e-03	0.01	0.03	34,34,34	0.02	34	0.63	0.05	0.95
...													
6122	8.55e-03	1.86e-03	0.0	86,83,0	8.14e-04	2.24e-03	2.24e-03	86,34,34	9.13e-03	86	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.03	0.0		4.36e-03	0.05	0.07		0.02				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
442	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.22	1866.5	86	0.06	74.8	33	0.13	-621.7	1.754e+05	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1720	4.71e-03	0.01	0.0	69,33,0	1.45e-03	4.70e-03	0.01	83,30,34	0.01	83	0.64	0.05	0.95
	0.03	5.95e-03	0.0	83,86,0	1.45e-03	0.02	0.02	83,34,34			1.00	0.08	0.92
2199	6.29e-03	6.27e-03	0.0	86,83,0	4.68e-03	2.52e-03	4.67e-03	86,33,55	0.02	86	0.64	0.05	0.95
...													
6195	0.03	7.33e-03	0.0	83,83,0	5.90e-03	0.02	0.02	34,34,34	0.02	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.09	0.04	0.0		0.04	0.02	0.04		0.06				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
443	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	NV

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
NV	0.39	-113.4	34	0.23	-113.4	34	100.00	-112.2	0.0	1

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1736	0.0	0.02	0.0	0,34,0	0.02	4.42e-03	0.01	34,34,34	0.04	34	0.0	0.0	0.0
	0.01	1.05e-03	0.0	33,12,0	0.02	0.02	0.02	34,71,71			1.00	0.08	0.92
2675	0.0	0.02	0.0	0,34,0	0.02	4.42e-03	0.01	34,34,34	0.04	34	0.0	0.0	0.0
...													
6760	0.01	1.05e-03	0.0	33,12,0	0.02	0.02	0.02	34,71,71	0.04	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.01	0.02	0.0		0.02	0.02	0.02		0.04				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
446	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.30	-8854.0	62	0.35	-8388.1	34	0.08	-1.226e+04	4.039e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1482	0.0	0.03	0.0	0,33,0	0.03	9.12e-03	0.01	59,78,78	0.05	59	0.0	0.0	0.0
	0.02	0.02	0.0	78,75,0	0.03	1.18e-03	1.18e-03	59,78,78			1.00	0.08	0.92
1486	0.01	0.03	0.0	71,74,0	0.03	9.12e-03	0.01	59,78,78	0.05	59	0.93	0.03	0.97
...													
3967	0.06	0.02	0.0	60,57,0	0.06	0.21	0.21	34,34,34	0.08	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.06	0.06	0.0		0.07	0.21	0.21		0.08				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
447	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.49	-1.437e+04	62	0.58	-1.456e+04	62	0.11	-2.801e+04	1.127e+06	62

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3125	0.0	0.12	0.0	0,34,0	0.09	2.71e-03	0.02	61,75,34	0.10	61	0.0	0.0	0.0
	0.05	9.00e-03	0.0	59,56,0	0.09	0.14	0.14	61,34,34			1.00	0.08	0.92
3127	0.0	0.12	0.0	0,34,0	0.09	1.60e-03	0.02	61,72,34	0.10	61	0.0	0.0	0.0
...													
4265	0.05	0.02	0.0	59,61,0	0.05	0.14	0.14	71,34,34	0.07	71	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.13	0.0		0.10	0.24	0.24		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
448	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.70	-1.580e+04	62	0.50	-1.572e+04	62	0.10	-4.984e+04	2.419e+06	62

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1713	0.0	0.12	0.0	0,34,0	0.05	3.54e-03	0.02	62,73,34	0.10	62	0.0	0.0	0.0
	0.03	9.95e-03	0.0	60,61,0	0.05	0.03	0.03	62,76,76			1.00	0.08	0.92
1762	0.0	0.09	0.0	0,33,0	0.05	1.92e-03	0.01	62,78,33	0.10	62	0.0	0.0	0.0
...													
4864	0.03	9.95e-03	0.0	60,61,0	0.05	0.07	0.07	62,77,77	0.10	62	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.07	0.17	0.0		0.06	0.23	0.23		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
452	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.49	-5373.2	34	0.57	-5375.0	34	0.23	-3258.0	2.102e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2071	3.32e-03	0.10	0.0	56,34,0	0.07	0.01	0.02	34,80,81	0.08	34	0.93	0.03	0.97
	6.42e-03	0.01	0.0	60,34,0	0.07	3.40e-03	3.40e-03	34,86,86			1.00	0.08	0.92
2072	0.02	0.10	0.0	68,34,0	0.07	0.01	0.02	34,80,81	0.08	34	0.93	0.03	0.97
...													
3858	0.04	2.40e-03	0.0	34,59,0	0.09	4.21e-03	4.21e-03	34,84,84	0.10	34	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.10	0.0		0.13	0.01	0.02		0.12				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
453	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.52	-6063.0	62	0.61	-6111.6	62	0.17	-1.874e+04	-4.730e+05	59

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
2945	0.0	0.11	0.0	0,33,0	0.12	4.05e-03	0.01	62,83,33	0.11	62	0.0	0.0	0.0
	5.69e-03	3.35e-03	0.0	80,83,0	0.12	3.71e-03	3.71e-03	62,85,85			1.00	0.08	0.92
2947	0.0	0.11	0.0	0,33,0	0.12	3.09e-03	0.01	62,86,33	0.11	62	0.0	0.0	0.0
...													
4198	0.02	1.48e-03	0.0	80,81,0	0.12	2.12e-03	2.12e-03	62,86,86	0.11	62	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.04	0.22	0.0		0.12	0.01	0.03		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
454	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.71	-6285.3	62	0.51	-6410.1	62	0.19	-3.514e+04	-1.293e+06	59

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1505	0.0	0.11	0.0	0,33,0	0.05	0.02	0.03	62,86,83	0.10	62	0.0	0.0	0.0
	0.01	7.98e-03	0.0	34,86,0	0.05	1.97e-03	1.97e-03	62,86,86			1.00	0.08	0.92
1578	0.0	0.12	0.0	0,33,0	0.05	8.17e-04	0.02	62,84,33	0.10	62	0.0	0.0	0.0
...													
5645	7.98e-03	7.98e-03	0.0	83,86,0	0.06	4.38e-03	4.38e-03	62,83,83	0.11	62	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.02	0.20	0.0		0.06	0.02	0.04		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
455	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.23	-3794.8	83	0.26	-3720.7	83	0.12	-6768.5	2.326e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1969	0.02	0.04	0.0	83,86,0	6.63e-03	9.67e-03	0.02	86,63,66	0.03	86	0.93	0.03	0.97
	7.31e-03	8.03e-03	0.0	83,86,0	6.62e-03	2.14e-03	2.14e-03	86,34,34			1.00	0.08	0.92
1970	0.02	0.04	0.0	69,68,0	6.63e-03	9.67e-03	0.02	86,63,66	0.03	86	0.93	0.03	0.97
...													
3901	4.73e-03	7.80e-03	0.0	83,86,0	2.72e-03	2.96e-03	2.96e-03	81,70,70	0.02	81	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.05	0.0		0.04	9.67e-03	0.02		0.07				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
456	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.40	-6564.5	83	0.46	-6498.3	83	0.66	-894.1	7.843e+05	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
3040	0.0	0.09	0.0	0,34,0	0.09	1.11e-03	0.01	83,70,34	0.09	83	0.0	0.0	0.0
	4.70e-03	2.94e-03	0.0	58,55,0	0.09	2.97e-03	2.97e-03	83,58,58			1.00	0.08	0.92
3041	0.0	0.08	0.0	0,34,0	0.09	1.08e-03	9.53e-03	83,68,34	0.09	83	0.0	0.0	0.0
...													
4110	4.02e-03	0.01	0.0	69,34,0	0.09	1.81e-03	1.81e-03	83,63,63	0.09	83	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.05	0.11	0.0		0.09	8.22e-03	0.02		0.10				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
457	XLAM sp.140 (XLAM -1- vert)	5	14.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.65	-8143.8	83	0.46	-8044.9	83	0.49	2240.2	1.712e+06	86

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1617	0.0	0.07	0.0	0,34,0	0.05	3.19e-03	0.02	83,34,34	0.10	83	0.0	0.0	0.0
	3.11e-03	7.38e-03	0.0	62,80,0	0.05	1.33e-03	1.33e-03	83,70,70			1.00	0.08	0.92
1622	0.0	0.06	0.0	0,33,0	0.05	1.59e-03	9.14e-03	83,68,34	0.10	83	0.0	0.0	0.0
...													
4949	4.07e-03	1.76e-03	0.0	62,59,0	0.05	1.52e-03	1.52e-03	83,62,62	0.10	83	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.09	0.13	0.0		0.06	4.23e-03	0.02		0.11				

Setto	Mat.	N. strati	Spessore	Incoll.	Stato
			cm		
458	XLAM sp. 100 (XLAM -3- vert)	5	10.0	NO	ok

V. connes.	V. piede	Azione V	Rif. cmb	V. testa	Azione V	Rif. cmb	V. h-d	Azione N	Azione M	Rif. cmb
		daN			daN			daN	daN m	
ok	0.24	-3013.9	77	0.26	-2729.3	77	0.17	-6310.5	2.308e+05	34

Nodo	V. 127	V. 128	V. 545	Rif. cmb	V. 129	V. 130	V. 131	Rif. cmb	V. D.26	Rif. cmb	Fac. B-A	Qsup. A	Qsup. B
1783	0.03	0.04	0.0	77,76,0	8.09e-03	9.54e-03	0.02	76,67,64	0.03	76	0.93	0.03	0.97
	4.09e-03	3.06e-03	0.0	34,64,0	8.09e-03	1.41e-03	1.41e-03	76,67,67			1.00	0.08	0.92
1784	0.03	0.04	0.0	63,76,0	8.09e-03	9.54e-03	0.02	76,67,64	0.03	76	0.93	0.03	0.97
...													
3982	0.02	9.90e-03	0.0	78,75,0	0.01	1.81e-03	1.81e-03	76,66,66	0.03	76	1.00	0.08	0.92
Nodo	**V. 127**	**V. 128**	**V. 545**		**V. 129**	**V. 130**	**V. 131**		**V. D.26**				
	0.03	0.05	0.0		0.05	9.54e-03	0.02		0.07				