



INTERVENTO DI RECUPERO E RIQUALIFICAZIONE DEL: "PARCO COLLE DELL'INFINITO" - ANNUALITA' 2017

1° LOTTO FUNZIONALE - Lavori all'interno del parco storico del 1937
- Recupero dell'Orto ex-Convento S.Stefano

2° LOTTO PRESTAZIONALE

Lavori di recupero strutturale ed architettonico del Parco Storico.

PROGETTO ESECUTIVO OPERE STRUTTURALI

RELAZIONE DI CALCOLO

"PARCO COLLE DELL'INFINITO"

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TAV

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C

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RELAZIONE DI CALCOLO

● **PARATIA DI CONTENIMENTO IN C.A.**

QUALITÀ DEI COMPONENTI

Prescrizione per inerti

Progetto:	Paratia Muro Colle Infinito
Ditta:	COMUNE di RECANATI
Comune:	RECANATI
Progettista:	ing. MARCO BRAVI
Direttore dei Lavori:	ing. STEFANO ROMANELLI
Impresa:	xxx

Normative di riferimento

- Legge nr. 1086 del 05/11/1971.

Norme per la disciplina delle opere in conglomerato cementizio, normale e precompresso ed a struttura metallica.

- Legge nr. 64 del 02/02/1974.

Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.

- D.M. LL.PP. del 11/03/1988.

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.

- D.M. LL.PP. del 14/02/1992.

Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche.

- D.M. 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.

- D.M. 16 Gennaio 1996

Norme Tecniche relative ai 'Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi'.

- D.M. 16 Gennaio 1996

Norme Tecniche per le costruzioni in zone sismiche.

- Circolare Ministero LL.PP. 15 Ottobre 1996 N. 252 AA.GG./S.T.C.

Istruzioni per l'applicazione delle Norme Tecniche di cui al D.M. 9 Gennaio 1996.

- Circolare Ministero LL.PP. 10 Aprile 1997 N. 65/AA.GG.

Istruzioni per l'applicazione delle Norme Tecniche per le costruzioni in zone sismiche di cui al D.M. 16 Gennaio 1996.

- Norme Tecniche per le Costruzioni 2008 (D.M. 14 Gennaio 2008)

- Circolare 617 del 02/02/2009

Istruzioni per l'applicazione delle Nuove Norme Tecniche per le Costruzioni di cui al D.M. 14 gennaio 2008.

Metodo di analisi

Calcolo della profondità di infissione

Nel caso generale l'equilibrio della paratia è assicurato dal bilanciamento fra la spinta attiva agente da monte sulla parte fuori terra, la resistenza passiva che si sviluppa da valle verso monte nella zona interrata e la controspinta che agisce da monte verso valle nella zona interrata al di sotto del centro di rotazione.

Nel caso di paratia tirantata nell'equilibrio della struttura intervengono gli sforzi dei tiranti (diretti verso monte); in questo caso, se la paratia non è sufficientemente infissa, la controspinta sarà assente.

Pertanto il primo passo da compiere nella progettazione è il calcolo della profondità di infissione necessaria ad assicurare l'equilibrio fra i carichi agenti (spinta attiva, resistenza passiva, controspinta, tiro dei tiranti ed eventuali carichi esterni).

Nel calcolo classico delle paratie si suppone che essa sia infinitamente rigida e che possa subire una rotazione intorno ad un punto (*Centro di rotazione*) posto al di sotto della linea di fondo scavo (per paratie non tirantate).

Occorre pertanto costruire i diagrammi di spinta attiva e di spinta (resistenza) passiva agenti sulla paratia. A partire da questi si costruiscono i diagrammi risultanti.

Nella costruzione dei diagrammi risultanti si adotterà la seguente notazione:

K_{am}	diagramma della spinta attiva agente da monte
K_{av}	diagramma della spinta attiva agente da valle sulla parte interrata
K_{pm}	diagramma della spinta passiva agente da monte
K_{pv}	diagramma della spinta passiva agente da valle sulla parte interrata.

Calcolati i diagrammi suddetti si costruiscono i diagrammi risultanti

$$D_m = K_{pm} - K_{av} \quad \text{e} \quad D_v = K_{pv} - K_{am}$$

Questi diagrammi rappresentano i valori limiti delle pressioni agenti sulla paratia. La soluzione è ricercata per tentativi facendo variare la profondità di infissione e la posizione del centro di rotazione fino a quando non si raggiunge l'equilibrio sia alla traslazione che alla rotazione.

Per mettere in conto un fattore di sicurezza nel calcolo delle profondità di infissione

si può agire con tre modalità :

1. applicazione di un coefficiente moltiplicativo alla profondità di infissione strettamente necessaria per l'equilibrio
2. riduzione della spinta passiva tramite un coefficiente di sicurezza
3. riduzione delle caratteristiche del terreno tramite coefficienti di sicurezza su $\tan(\)$ e sulla coesione

Calcolo della spinte

Metodo di Culmann (metodo del cuneo di tentativo)

Il metodo di Culmann adotta le stesse ipotesi di base del metodo di Coulomb: cuneo di spinta a monte della parete che si muove rigidamente lungo una superficie di rottura rettilinea o spezzata (nel caso di terreno stratificato).

La differenza sostanziale è che mentre Coulomb considera un terrapieno con superficie a pendenza costante e carico uniformemente distribuito (il che permette di ottenere una espressione in forma chiusa per il valore della spinta) il metodo di Culmann consente di analizzare situazioni con profilo di forma generica e carichi sia concentrati che distribuiti comunque disposti. Inoltre, rispetto al metodo di Coulomb, risulta più immediato e lineare tener conto della coesione del masso spingente. Il metodo di Culmann, nato come metodo essenzialmente grafico, si è evoluto per essere trattato mediante analisi numerica (noto in questa forma come metodo del cuneo di tentativo).

I passi del procedimento risolutivo sono i seguenti:

“ RELAZIONE DI CALCOLO ”

- si impone una superficie di rottura (angolo di inclinazione rispetto all'orizzontale) e si considera il cuneo di spinta delimitato dalla superficie di rottura stessa, dalla parete su cui si calcola la spinta e dal profilo del terreno;
- si valutano tutte le forze agenti sul cuneo di spinta e cioè peso proprio (W), carichi sul terrapieno, resistenza per attrito e per coesione lungo la superficie di rottura (R e C) e resistenza per coesione lungo la parete (A);
- dalle equazioni di equilibrio si ricava il valore della spinta S sulla parete.

Questo processo viene iterato fino a trovare l'angolo di rottura per cui la spinta risulta massima nel caso di spinta attiva e minima nel caso di spinta passiva.

Le pressioni sulla parete di spinta si ricavano derivando l'espressione della spinta S rispetto all'ordinata z . Noto il diagramma delle pressioni si ricava il punto di applicazione della spinta.

Spinta in presenza di sisma

Per tenere conto dell'incremento di spinta dovuta al sisma si fa riferimento al metodo di **Mononobe-Okabe** (cui fa riferimento la Normativa Italiana).

Il metodo di Mononobe-Okabe considera nell'equilibrio del cuneo spingente la forza di inerzia dovuta al sisma. Indicando con W il peso del cuneo e con C il coefficiente di intensità sismica la forza di inerzia valutata come

$$F_i = W \cdot C$$

Indicando con S la spinta calcolata in condizioni statiche e con S_s la spinta totale in condizioni sismiche l'incremento di spinta è ottenuto come $\Delta S = S_s - S$

L'incremento di spinta viene applicato a 1/3 dell'altezza della parete stessa (diagramma triangolare con vertice in alto).

Analisi ad elementi finiti

La paratia è considerata come una struttura a prevalente sviluppo lineare (si fa riferimento ad un metro di larghezza) con comportamento a trave. Come caratteristiche geometriche della sezione si assume il momento d'inerzia I e l'area A per metro lineare di larghezza della paratia. Il modulo elastico è quello del materiale utilizzato per la paratia.

La parte fuori terra della paratia è suddivisa in elementi di lunghezza pari a circa 5 centimetri e più o meno costante per tutti gli elementi. La suddivisione è suggerita anche dalla eventuale presenza di tiranti, carichi e vincoli. Infatti questi elementi devono capitare in corrispondenza di un nodo. Nel caso di tirante è inserito un ulteriore elemento atto a schematizzarlo. Detta L la lunghezza libera del tirante, A_t l'area di armatura nel tirante ed E_s il modulo elastico dell'acciaio è inserito un elemento di lunghezza pari ad L , area A_t , inclinazione pari a quella del tirante e modulo elastico E_s . La parte interrata della paratia è suddivisa in elementi di lunghezza, come visto sopra, pari a circa 5 centimetri.

I carichi agenti possono essere di tipo distribuito (spinta della terra, diagramma aggiuntivo di carico, spinta della falda, diagramma di spinta sismica) oppure concentrati. I carichi distribuiti sono riportati sempre come carichi concentrati nei nodi (sotto forma di reazioni di incastro perfetto cambiate di segno).

Schematizzazione del terreno

La modellazione del terreno si rifà al classico schema di Winkler. Esso è visto come un letto di molle indipendenti fra di loro reagenti solo a sforzo assiale di compressione. La rigidezza della singola molla è legata alla costante di sottofondo orizzontale del terreno (*costante di Winkler*). La costante di sottofondo, k , è definita come la pressione unitaria che occorre applicare per ottenere uno spostamento unitario. Dimensionalmente è espressa quindi come rapporto fra una pressione ed uno spostamento al cubo $[F/L^3]$. È evidente che i risultati sono tanto migliori quanto più è elevato il numero delle molle che schematizzano il terreno. Se (m è l'interasse fra le molle (in cm) e b è la larghezza della paratia in direzione longitudinale ($b=100$ cm) occorre ricavare l'area equivalente, A_m , della molla (a cui si assegna una lunghezza pari a 100 cm). Indicando con E_m il modulo elastico del materiale costituente la paratia (in Kg/cm^2), l'equivalenza, in termini di rigidezza, si esprime come

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$$A_m = 10000 \times \frac{k_m}{E_m}$$

Per le molle di estremità, in corrispondenza della linea di fondo scavo ed in corrispondenza dell'estremità inferiore della paratia, si assume una area equivalente dimezzata. Inoltre, tutte le molle hanno, ovviamente, rigidità flessionale e tagliante nulla e sono vincolate all'estremità alla traslazione. Quindi la matrice di rigidità di tutto il sistema paratia-terreno sarà data dall'assemblaggio delle matrici di rigidità degli elementi della paratia (elementi a rigidità flessionale, tagliante ed assiale), delle matrici di rigidità dei tiranti (solo rigidità assiale) e delle molle (rigidità assiale).

Modalità di analisi e comportamento elasto-plastico del terreno

A questo punto vediamo come è effettuata l'analisi. Un tipo di analisi molto semplice e veloce sarebbe l'analisi elastica (peraltro disponibile nel programma **PAC**). Ma si intuisce che considerare il terreno con un comportamento infinitamente elastico è una approssimazione alquanto grossolana. Occorre quindi introdurre qualche correttivo che meglio ci aiuti a modellare il terreno. Fra le varie soluzioni possibili una delle più praticabili e che fornisce risultati soddisfacenti è quella di considerare il terreno con comportamento elasto-plastico perfetto. Si assume cioè che la curva sforzi-deformazioni del terreno abbia andamento bilatero. Rimane da scegliere il criterio di plasticizzazione del terreno (molle). Si può fare riferimento ad un criterio di tipo cinematico: la resistenza della molla cresce con la deformazione fino a quando lo spostamento non raggiunge il valore X_{max} ; una volta superato tale spostamento limite non si ha più incremento di resistenza all'aumentare degli spostamenti. Un altro criterio può essere di tipo statico: si assume che la molla abbia una resistenza crescente fino al raggiungimento di una pressione p_{max} . Tale pressione p_{max} può essere imposta pari al valore della pressione passiva in corrispondenza della quota della molla. D'altronde un ulteriore criterio si può ottenere dalla combinazione dei due descritti precedentemente: plasticizzazione o per raggiungimento dello spostamento limite o per raggiungimento della pressione passiva. Dal punto di vista strettamente numerico è chiaro che l'introduzione di criteri di plasticizzazione porta ad analisi di tipo non lineare (non linearità meccaniche). Questo comporta un aggravio computazionale non indifferente. L'entità di tale aggravio dipende poi dalla particolare tecnica adottata per la soluzione. Nel caso di analisi elastica lineare il problema si risolve immediatamente con la soluzione del sistema fondamentale (K matrice di rigidità, u vettore degli spostamenti nodali, p vettore dei carichi nodali)

$$Ku=p$$

Un sistema non lineare, invece, deve essere risolto mediante un'analisi al passo per tener conto della plasticizzazione delle molle. Quindi si procede per passi di carico, a partire da un carico iniziale p_0 , fino a raggiungere il carico totale p . Ogni volta che si incrementa il carico si controllano eventuali plasticizzazioni delle molle. Se si hanno nuove plasticizzazioni la matrice globale andrà riassembleta escludendo il contributo delle molle plasticizzate. Il procedimento descritto se fosse applicato in questo modo sarebbe particolarmente gravoso (la fase di decomposizione della matrice di rigidità è particolarmente onerosa). Si ricorre pertanto a soluzioni più sofisticate che escludono il riassembleggio e la decomposizione della matrice, ma usano la matrice elastica iniziale (*metodo di Riks*).

Senza addentrarci troppo nei dettagli diremo che si tratta di un metodo di Newton-Raphson modificato e ottimizzato. L'analisi condotta secondo questa tecnica offre dei vantaggi immediati. Essa restituisce l'effettiva deformazione della paratia e le relative sollecitazioni; dà informazioni dettagliate circa la deformazione e la pressione sul terreno. Infatti la deformazione è direttamente leggibile, mentre la pressione sarà data dallo sforzo nella molla diviso per l'area di influenza della molla stessa. Sappiamo quindi quale è la zona di terreno effettivamente plasticizzato. Inoltre dalle deformazioni ci si può rendere conto di un possibile meccanismo di rottura del terreno.

Analisi per fasi di scavo

L'analisi della paratia per fasi di scavo consente di ottenere informazioni dettagliate sullo stato di sollecitazione e deformazione dell'opera durante la fase di realizzazione. In ogni fase lo stato di sollecitazione e di deformazione dipende dalla 'storia' dello scavo (soprattutto nel caso di paratie tirantate o vincolate).

Definite le varie altezze di scavo (in funzione della posizione di tiranti, vincoli, o altro) si procede per ogni fase al calcolo delle spinte inserendo gli elementi (tiranti, vincoli o carichi) attivi per quella fase, tenendo conto delle deformazioni dello stato precedente. Ad esempio, se sono presenti dei tiranti passivi si inserirà nell'analisi della fase la 'molla' che lo rappresenta. Indicando con u ed u_0 gli spostamenti nella

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fase attuale e nella fase precedente, con s ed s_0 gli sforzi nella fase attuale e nella fase precedente e con K la matrice di rigidezza della 'struttura' la relazione sforzi-deformazione è esprimibile nella forma

$$s = s_0 + K(u - u_0)$$

In sostanza analizzare la paratia per fasi di scavo oppure 'direttamente' porta a risultati abbastanza diversi sia per quanto riguarda lo stato di deformazione e sollecitazione dell'opera sia per quanto riguarda il tiro dei tiranti.

Verifica alla stabilità globale

La verifica alla stabilità globale del complesso paratia+terreno deve fornire un coefficiente di sicurezza non inferiore a 1,10.

È usata la tecnica della suddivisione a strisce della superficie di scorrimento da analizzare. La superficie di scorrimento è supposta circolare.

In particolare il programma esamina, per un dato centro 3 cerchi differenti: un cerchio passante per la linea di fondo scavo, un cerchio passante per il piede della paratia ed un cerchio passante per il punto medio della parte interrata. Si determina il minimo coefficiente di sicurezza su una maglia di centri di dimensioni 6x6 posta in prossimità della sommità della paratia. Il numero di strisce è pari a 50.

Il coefficiente di sicurezza fornito da Fellenius si esprime secondo la seguente formula:

$c_i b_i$

$$\sum_i \left(\frac{c_i}{\cos \alpha_i} + [W_i \cos \alpha_i - u_i l_i] \tan \phi_i \right)$$

$\cos \alpha_i$

$$\eta = \frac{\sum_i c_i b_i}{\sum_i W_i \sin \alpha_i}$$

$\sum_i W_i \sin \alpha_i$

dove n è il numero delle strisce considerate, b_i e α_i sono la larghezza e l'inclinazione della base della striscia i -esima rispetto all'orizzontale, W_i è il peso della striscia i -esima e c_i e ϕ_i sono le caratteristiche del terreno (coesione ed angolo di attrito) lungo la base della striscia.

Inoltre u_i ed l_i rappresentano la pressione neutra lungo la base della striscia e la lunghezza della base della striscia ($l_i = b_i / \cos \alpha_i$).

Quindi, assunto un cerchio di tentativo si suddivide in n strisce e dalla formula precedente si ricava η . Questo procedimento è eseguito per il numero di centri prefissato e è assunto come coefficiente di sicurezza della scarpata il minimo dei coefficienti così determinati.

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● **Geometria paratia**Tipo paratia: **Paratia di pali**

Altezza fuori terra	4,60	[m]
Profondità di infissione	7,90	[m]
Altezza totale della paratia	12,50	[m]
Lunghezza paratia	34,00	[m]
Numero di file di pali	1	
Interasse fra i pali della fila	1,00	[m]
Diametro dei pali	60,00	[cm]
Numero totale di pali	33	
Numero di pali per metro lineare	0.97	

● **Geometria cordoli***Simbologia adottata*

n°	numero d'ordine del cordolo
Y	posizione del cordolo sull'asse della paratia espresso in [m]

Cordoli in calcestruzzo

B	Base della sezione del cordolo espresso in [cm]
H	Altezza della sezione del cordolo espresso in [cm]

Cordoli in acciaio

A	Area della sezione in acciaio del cordolo espresso in [cmq]
W	Modulo di resistenza della sezione del cordolo espresso in [cm ³]

n°	Y	Tipo	B	H	A	W
1	0,00	Calcestruzzo	150,00	50,00	--	--

● **Geometria profilo terreno***Simbologia adottata e sistema di riferimento*

(Sistema di riferimento con origine in testa alla paratia, ascissa X positiva verso monte, ordinata Y positiva verso l'alto)

N	numero ordine del punto
X	ascissa del punto espressa in [m]
Y	ordinata del punto espressa in [m]
A	inclinazione del tratto espressa in [°]

Profilo di monte

N	X	Y	A
2	1,50	0,25	9,46
3	4,30	0,45	4,09
4	11,20	0,35	-0,83

Profilo di valle

N	X	Y	A
1	-10,00	-4,60	0,00
2	0,00	-4,60	0,00

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● Descrizione terreni

Simbologia adottata

n°	numero d'ordine dello strato a partire dalla sommità della paratia
Descrizione	Descrizione del terreno
γ	peso di volume del terreno espresso in [kg/mc]
γ_s	peso di volume saturo del terreno espresso [kg/mc]
ϕ	angolo d'attrito interno del terreno espresso in [°]
δ	angolo d'attrito terreno/paratia espresso in [°]
c	coesione del terreno espressa in [kg/cmq]

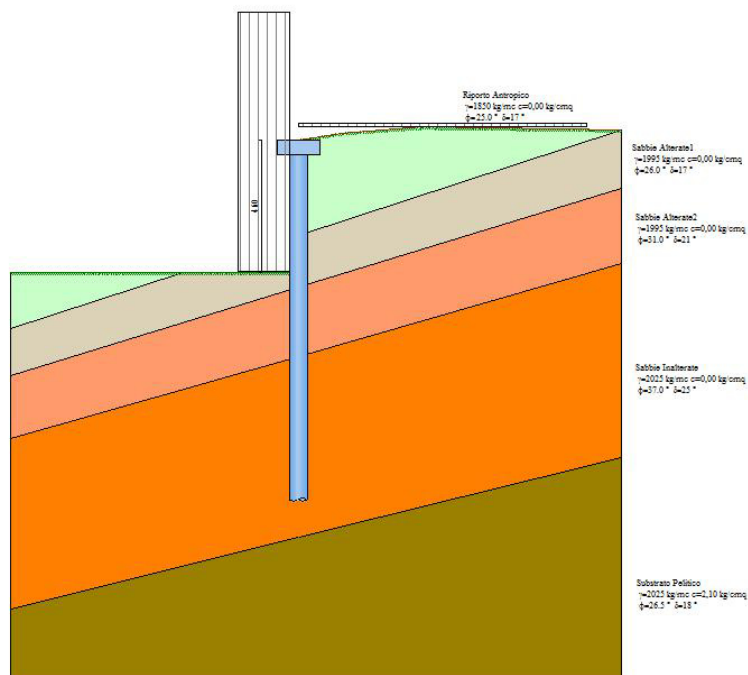
n°	Descrizione	γ	γ_s	ϕ	δ	c
1	Riporto Antropico	1850,00	1850,00	25,00	16,67	0,000
2	Sabbie Inalterate	2025,00	2025,00	37,00	24,67	0,000
3	Substrato Pelitico	2025,00	2025,00	26,50	17,67	2,100
4	Sabbie Alterate2	1995,00	1995,00	31,00	20,67	0,000
5	Sabbie Alterate1	1995,00	1995,00	26,00	17,33	0,000

● Descrizione stratigrafia

Simbologia adottata

n°	numero d'ordine dello strato a partire dalla sommità della paratia
sp	spessore dello strato in corrispondenza dell'asse della paratia espresso in [m]
kw	costante di Winkler orizzontale espressa in Kg/cm ² /cm
α	inclinazione dello strato espressa in GRADI(°)
Terreno	Terreno associato allo strato

n°	sp	α	kw	Terreno
1	3,30	18,00	0,42	Riporto Antropico
2	1,80	17,00	1,14	Sabbie Alterate1
3	2,40	16,00	2,26	Sabbie Alterate2
4	6,30	14,00	5,25	Sabbie Inalterate
5	5,00	0,00	11,06	Substrato Pelitico



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● *Caratteristiche materiali utilizzati*

Calcestruzzo

Peso specifico	2500	[kg/mc]
Classe di Resistenza	C25/30	
Resistenza caratteristica a compressione R_{ck}	306	[kg/cm ²]
Tensione di progetto a compressione σ_c	99	[kg/cm ²]
Tensione tangenziale ammissibile τ_{c0}	6,1	[kg/cm ²]
Tensione tangenziale ammissibile τ_{c1}	18,5	[kg/cm ²]

Acciaio

Tipo	B450C	
Tensione di snervamento f_{yk}	4589	[kg/cm ²]

Caratteristiche acciaio cordoli in c.a.

Tipo	B450C	
Tensione di snervamento f_{yk}	4589	[kg/cm ²]

● *Condizioni di carico*

Simbologia e convenzioni adottate

Le ascisse dei punti di applicazione del carico sono espresse in [m] rispetto alla testa della paratia

Le ordinate dei punti di applicazione del carico sono espresse in [m] rispetto alla testa della paratia

F_x	Forza orizzontale espressa in [kg], positiva da monte verso valle
F_y	Forza verticale espressa in [kg], positiva verso il basso
M	Momento espresso in [kgm], positivo ribaltante
Q_u, Q_t	Intensità dei carichi distribuiti sul profilo espresse in [kg/mq]
V_u, V_s	Intensità dei carichi distribuiti sulla paratia espresse in [kg/mq], positivi da monte verso valle
R	Risultante carico distribuito sulla paratia espressa in [kg]

Condizione n° 1

Carico distribuito sul profilo	$X_i = 0,00$	$X_t = 10,00$	$Q_i = 500$	$Q_t = 500$
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Condizione n° 2

Carico distribuito sul profilo	$X_i = -2,10$	$X_t = -0,30$	$Q_i = 9000$	$Q_t = 9000$
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● *Combinazioni di carico*

Nella tabella sono riportate le condizioni di carico di ogni combinazione con il relativo coefficiente di partecipazione.

Combinazione n° 1 [DA1 - A1M1]

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO)	x 1.00
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Combinazione n° 2 [DA1- A2M2]

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO)	x 1.00
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Combinazione n° 3 [DA1 - A1M1]

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO / sisma V+)	x 1.00
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Condizione 1 (FOLLA / sisma V+)	x 0.20
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Combinazione n° 4 [DA1- A2M2]

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO / sisma V+)	x 1.00
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Condizione 1 (FOLLA / sisma V+)	x 0.20
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Combinazione n° 5

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO)	x 1.00
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Condizione 1 (FOLLA)	x 0.60
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Combinazione n° 6

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO)	x 1.00
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Condizione 1 (FOLLA)	x 0.70
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Combinazione n° 7

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO)	x 1.00
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Condizione 1 (FOLLA)	x 1.00
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Combinazione n° 8

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO / sisma V+)	x 1.00
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Condizione 1 (FOLLA / sisma V+)	x 0.60
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Combinazione n° 9

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO / sisma V+)	x 1.00
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Condizione 1 (FOLLA / sisma V+)	x 0.70
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Combinazione n° 10

Spinta terreno

Condizione 2 (RIEMPIMENTO E MURO / sisma V+)	x 1.00
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Condizione 1 (FOLLA / sisma V+)	x 1.00
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“ RELAZIONE DI CALCOLO ”

● **Impostazioni di progetto**

Spinte e verifiche secondo :

Norme Tecniche sulle Costruzioni 14/01/2008

Coefficienti di partecipazione combinazioni staticheCoefficienti parziali per le azioni o per l'effetto delle azioni:

<i>Carichi</i>	<i>Effetto</i>		<i>A1</i>	<i>A2</i>
Permanenti	Favorevole	γ_{Gfav}	1,00	1,00
Permanenti	Sfavorevole	γ_{Gsfav}	1,30	1,00
Variabili	Favorevole	γ_{Qfav}	0,00	0,00
Variabili	Sfavorevole	γ_{Qsfav}	1,50	1,30

Coefficienti parziali per i parametri geotecnici del terreno:

<i>Parametri</i>		<i>M1</i>	<i>M2</i>
Tangente dell'angolo di attrito	γ_{tan}	1,00	1,25
Coesione efficace	$\gamma_{c'}$	1,00	1,25
Resistenza non drenata	γ_{cu}	1,00	1,40
Resistenza a compressione uniassiale	γ_{qu}	1,00	1,60
Peso dell'unità di volume	γ	1,00	1,00

Coefficienti di partecipazione combinazioni sismicheCoefficienti parziali per le azioni o per l'effetto delle azioni:

<i>Carichi</i>	<i>Effetto</i>		<i>A1</i>	<i>A2</i>
Permanenti	Favorevole	γ_{Gfav}	1,00	1,00
Permanenti	Sfavorevole	γ_{Gsfav}	1,00	1,00
Variabili	Favorevole	γ_{Qfav}	0,00	0,00
Variabili	Sfavorevole	γ_{Qsfav}	1,00	1,00

Coefficienti parziali per i parametri geotecnici del terreno:

<i>Parametri</i>		<i>M1</i>	<i>M2</i>
Tangente dell'angolo di attrito	γ_{tan}	1,00	1,25
Coesione efficace	$\gamma_{c'}$	1,00	1,25
Resistenza non drenata	γ_{cu}	1,00	1,40
Resistenza a compressione uniassiale	γ_{qu}	1,00	1,60
Peso dell'unità di volume	γ	1,00	1,00

TIRANTI DI ANCORAGGIOCoefficienti parziali γ_R per le verifiche dei tiranti

Resistenza	Tiranti
Laterale γ_{st}	1,20

Coefficienti di riduzione ξ per la determinazione della resistenza caratteristica dei tiranti.

Numero di verticali indagate	1	$\xi_3=1,80$	$\xi_4=1,80$
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Verifica materiali : Stato Limite Ultimo

“ RELAZIONE DI CALCOLO ”

Impostazioni di analisi

Analisi per Combinazioni di Carico.

Rottura del terreno: Pressione passiva

Influenza δ (angolo di attrito terreno-paratia): Nel calcolo del coefficiente di spinta attiva K_a e nell'inclinazione della spinta attiva (non viene considerato per la spinta passiva)

Stabilità globale: Metodo di Fellenius

Impostazioni analisi sismica

Combinazioni/Fase	SLU	SLE
Accelerazione al suolo $[m/s^2]$	2.073	0.756
Massimo fattore amplificazione spettro orizzontale F_0	2.506	2.511
Periodo inizio tratto spettro a velocità costante T_c^*	0.307	0.285
Coefficiente di amplificazione topografica (S_t)	1.200	1.200
Coefficiente di amplificazione per tipo di sottosuolo (S_s)	1.188	1.200
Coefficiente di riduzione per tipo di sottosuolo (α)	1.000	1.000
Spostamento massimo senza riduzione di resistenza U_s [m]	0.050	0.050
Coefficiente di riduzione per spostamento massimo (β)	0.480	0.480
Coefficiente di intensità sismica (percento)	14.463	5.330
Rapporto intensità sismica verticale/orizzontale (kv)	0.00	

Influenza sisma nella spinta attiva da monte

Forma diagramma incremento sismico : Triangolare con vertice in alto.

Analisi della spinta

Pressioni terreno

Simbologia adottata

Sono riportati i valori delle pressioni in corrispondenza delle sezioni di calcolo

Y ordinata rispetto alla testa della paratia espressa in [m] e positiva verso il basso.

Le pressioni sono tutte espresse in $[kg/mq]$

σ_{am}	sigma attiva da monte
σ_{av}	sigma attiva da valle
σ_{pm}	sigma passiva da monte
σ_{pv}	sigma passiva da valle
δ_a	inclinazione spinta attiva espressa in $^\circ$
δ_p	inclinazione spinta passiva espressa in $^\circ$

Combinazione n° 1

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
1	0,00	0	0	0	0	16,7	0,0
11	1,00	1003	0	7620	0	16,7	0,0
21	2,00	1965	0	14199	0	16,7	0,0
31	3,00	2886	0	20496	0	16,7	0,0
41	3,80	3494	0	27211	0	17,3	0,0
51	4,80	4465	1299	34020	1529	17,3	0,0

“ RELAZIONE DI CALCOLO ”

61	5,60	4112	4041	54736	15716	20,7	0,0
71	6,60	4873	4907	62121	19933	20,7	0,0
81	7,50	4388	4928	87134	27939	24,7	0,0
91	8,40	4720	3738	112337	40729	24,7	0,0
101	9,40	5323	3302	118729	47420	24,7	0,0
111	10,40	5929	3010	124814	56905	24,7	0,0
121	11,40	6536	2825	131972	66585	24,7	0,0
131	12,40	7154	4041	138042	76377	24,7	0,0

Combinazione n° 2

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
1	0,00	0	0	0	0	13,5	0,0
11	1,00	940	0	4834	0	13,5	0,0
21	2,00	1816	0	9105	0	13,5	0,0
31	3,00	2666	0	13335	0	13,5	0,0
41	3,80	3248	0	17396	0	14,0	0,0
51	4,80	4132	1621	21775	916	14,0	0,0
61	5,60	3898	3807	32738	10192	16,8	0,0
71	6,60	4622	4640	37620	12876	16,8	0,0
81	7,50	4252	4197	50559	17722	20,2	0,0
91	8,40	4606	3328	64045	25121	20,2	0,0
101	9,40	5193	2989	69165	29274	20,2	0,0
111	10,40	5789	2763	73806	34977	20,2	0,0
121	11,40	6384	2767	78520	40815	20,2	0,0
131	12,40	6982	3969	83644	46735	20,2	0,0

Combinazione n° 3

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
1	0,00	41	0	316	0	16,7	0,0
11	1,00	1066	0	6148	0	16,7	0,0
21	2,00	2057	0	11197	0	16,7	0,0
31	3,00	3018	0	16001	0	16,7	0,0
41	3,80	3686	0	21191	0	17,3	0,0
51	4,80	4687	999	26429	1176	17,3	0,0
61	5,60	3190	3109	42482	12090	20,7	0,0
71	6,60	3774	3775	47852	15333	20,7	0,0
81	7,50	3396	3791	67206	21491	24,7	0,0
91	8,40	3651	2875	86527	31330	24,7	0,0
101	9,40	4114	2540	91379	36477	24,7	0,0
111	10,40	4580	2315	95978	43773	24,7	0,0
121	11,40	5051	2173	101456	51219	24,7	0,0
131	12,40	5523	3109	106080	58751	24,7	0,0

Combinazione n° 4

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
1	0,00	50	0	259	0	13,5	0,0
11	1,00	1279	0	5096	0	13,5	0,0
21	2,00	2440	0	9334	0	13,5	0,0
31	3,00	3579	0	13549	0	13,5	0,0

“ RELAZIONE DI CALCOLO ”

41	3,80	4390	0	17609	0	14,0	0,0
51	4,80	5560	1621	21990	916	14,0	0,0
61	5,60	3931	3807	33027	10192	16,8	0,0
71	6,60	4653	4640	37905	12876	16,8	0,0
81	7,50	4283	4197	50679	17722	20,2	0,0
91	8,40	4627	3328	64157	25121	20,2	0,0
101	9,40	5222	2989	69195	29274	20,2	0,0
111	10,40	5818	2763	73820	34977	20,2	0,0
121	11,40	6413	2767	78491	40815	20,2	0,0
131	12,40	7007	3969	83606	46735	20,2	0,0

Combinazione n° 5

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
1	0,00	124	0	947	0	16,7	0,0
11	1,00	896	0	6716	0	16,7	0,0
21	2,00	1627	0	11747	0	16,7	0,0
31	3,00	2334	0	16471	0	16,7	0,0
41	3,80	2797	0	21710	0	17,3	0,0
51	4,80	3544	999	26949	1176	17,3	0,0
61	5,60	3243	3109	43235	12090	20,7	0,0
71	6,60	3827	3775	47986	15333	20,7	0,0
81	7,50	3409	3791	67593	21491	24,7	0,0
91	8,40	3690	2875	86769	31330	24,7	0,0
101	9,40	4158	2540	91483	36477	24,7	0,0
111	10,40	4624	2315	95916	43773	24,7	0,0
121	11,40	5091	2173	101337	51219	24,7	0,0
131	12,40	5558	3109	105863	58751	24,7	0,0

Combinazione n° 6

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
1	0,00	144	0	1105	0	16,7	0,0
11	1,00	917	0	6857	0	16,7	0,0
21	2,00	1646	0	11885	0	16,7	0,0
31	3,00	2354	0	16589	0	16,7	0,0
41	3,80	2815	0	21840	0	17,3	0,0
51	4,80	3562	999	27079	1176	17,3	0,0
61	5,60	3255	3109	43423	12090	20,7	0,0
71	6,60	3840	3775	48020	15333	20,7	0,0
81	7,50	3427	3791	67694	21491	24,7	0,0
91	8,40	3700	2875	86833	31330	24,7	0,0
101	9,40	4163	2540	91510	36477	24,7	0,0
111	10,40	4634	2315	95902	43773	24,7	0,0
121	11,40	5101	2173	101307	51219	24,7	0,0
131	12,40	5567	3109	105808	58751	24,7	0,0

Combinazione n° 7

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
1	0,00	206	0	1578	0	16,7	0,0
11	1,00	980	0	7280	0	16,7	0,0

“ RELAZIONE DI CALCOLO ”

21	2,00	1703	0	12297	0	16,7	0,0
31	3,00	2411	0	16943	0	16,7	0,0
41	3,80	2869	0	22229	0	17,3	0,0
51	4,80	3617	999	27469	1176	17,3	0,0
61	5,60	3295	3109	43988	12090	20,7	0,0
71	6,60	3880	3775	48129	15333	20,7	0,0
81	7,50	3437	3791	68009	21491	24,7	0,0
91	8,40	3730	2875	87032	31330	24,7	0,0
101	9,40	4193	2540	91596	36477	24,7	0,0
111	10,40	4659	2315	95860	43773	24,7	0,0
121	11,40	5126	2173	101221	51219	24,7	0,0
131	12,40	5601	3109	105637	58751	24,7	0,0

Combinazione n° 8

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
1	0,00	124	0	947	0	16,7	0,0
11	1,00	977	0	6716	0	16,7	0,0
21	2,00	1789	0	11747	0	16,7	0,0
31	3,00	2577	0	16471	0	16,7	0,0
41	3,80	3105	0	21710	0	17,3	0,0
51	4,80	3933	999	26949	1176	17,3	0,0
61	5,60	3243	3109	43235	12090	20,7	0,0
71	6,60	3827	3775	47986	15333	20,7	0,0
81	7,50	3409	3791	67593	21491	24,7	0,0
91	8,40	3690	2875	86769	31330	24,7	0,0
101	9,40	4158	2540	91483	36477	24,7	0,0
111	10,40	4624	2315	95916	43773	24,7	0,0
121	11,40	5091	2173	101337	51219	24,7	0,0
131	12,40	5558	3109	105863	58751	24,7	0,0

Combinazione n° 9

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
1	0,00	144	0	1105	0	16,7	0,0
11	1,00	999	0	6857	0	16,7	0,0
21	2,00	1809	0	11885	0	16,7	0,0
31	3,00	2599	0	16589	0	16,7	0,0
41	3,80	3126	0	21840	0	17,3	0,0
51	4,80	3955	999	27079	1176	17,3	0,0
61	5,60	3255	3109	43423	12090	20,7	0,0
71	6,60	3840	3775	48020	15333	20,7	0,0
81	7,50	3427	3791	67694	21491	24,7	0,0
91	8,40	3700	2875	86833	31330	24,7	0,0
101	9,40	4163	2540	91510	36477	24,7	0,0
111	10,40	4634	2315	95902	43773	24,7	0,0
121	11,40	5101	2173	101307	51219	24,7	0,0
131	12,40	5567	3109	105808	58751	24,7	0,0

Combinazione n° 10

n°	Y(m)	σ_{am}	σ_{av}	σ_{pm}	σ_{pv}	δ_a	δ_p
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“ RELAZIONE DI CALCOLO ”

1	0,00	206	0	1578	0	16,7	0,0
11	1,00	1064	0	7280	0	16,7	0,0
21	2,00	1872	0	12297	0	16,7	0,0
31	3,00	2663	0	16943	0	16,7	0,0
41	3,80	3189	0	22229	0	17,3	0,0
51	4,80	4020	999	27469	1176	17,3	0,0
61	5,60	3295	3109	43988	12090	20,7	0,0
71	6,60	3880	3775	48129	15333	20,7	0,0
81	7,50	3437	3791	68009	21491	24,7	0,0
91	8,40	3730	2875	87032	31330	24,7	0,0
101	9,40	4193	2540	91596	36477	24,7	0,0
111	10,40	4659	2315	95860	43773	24,7	0,0
121	11,40	5126	2173	101221	51219	24,7	0,0
131	12,40	5601	3109	105637	58751	24,7	0,0

Analisi della paratia

L'analisi è stata eseguita per combinazioni di carico

La paratia è analizzata con il metodo degli elementi finiti.

Essa è discretizzata in 92 elementi fuori terra e 158 elementi al di sotto della linea di fondo scavo.

Le molle che simulano il terreno hanno un comportamento elastoplastico: una volta raggiunta la pressione passiva non reagiscono ad ulteriori incremento di carico.

Altezza fuori terra della paratia	4,60	[m]
Profondità di infissione	7,90	[m]
Altezza totale della paratia	12,50	[m]

Forze agenti sulla paratia

Tutte le forze si intendono positive se dirette da monte verso valle. Esse sono riferite ad un metro di larghezza della paratia. Le Y hanno come origine la testa della paratia, e sono espresse in [m]

Simbologia adottata

n°	Indice della Combinazione/Fase
Tipo	Tipo della Combinazione/Fase
Pa	Spinta attiva, espressa in [kg]
Is	Incremento sismico della spinta, espressa in [kg]
Pw	Spinta della falda, espressa in [kg]
Pp	Resistenza passiva, espressa in [kg]
Pc	Controspinta, espressa in [kg]

n°	Tipo	Pa	Y _{Pa}	Is	Y _{Is}	Pw	Y _{Pw}	Pp	Y _{Pp}	Pc	Y _{Pc}
1	[A1-M1]	10497	3,17	--	--	--	--	-17485	5,93	6988	10,07
2	[A2-M2]	10202	3,23	--	--	--	--	-17300	6,11	7098	10,25
3	[A1-M1] S	8048	3,24	3166	3,07	--	--	-18770	5,98	7556	10,13
4	[A2-M2] S	10299	3,32	3729	3,07	--	--	-24169	6,27	10140	10,43
5	[SLEQ]	8619	3,12	--	--	--	--	-14472	5,93	5853	10,06
6	[SLEF]	8709	3,12	--	--	--	--	-14643	5,93	5934	10,06
7	[SLER]	8981	3,09	--	--	--	--	-15157	5,93	6176	10,06
8	[SLEQ] S	8536	3,15	1012	3,07	--	--	-16029	5,94	6481	10,08
9	[SLEF] S	8626	3,14	1022	3,07	--	--	-16217	5,94	6569	10,08
10	[SLER] S	8895	3,12	1052	3,07	--	--	-16785	5,95	6839	10,08

“ RELAZIONE DI CALCOLO ”

Simbologia adottata

n°	Indice della Combinazione/Fase
Tipo	Tipo della Combinazione/Fase
Rc	Risultante carichi esterni applicati, espressa in [kg]
Rt	Risultante delle reazioni dei tiranti (componente orizzontale), espressa in [kg]
Rv	Risultante delle reazioni dei vincoli, espressa in [kg]
Rp	Risultante delle reazioni dei puntoni, espressa in [kg]

n°	Tipo	Rc	Y _{Rc}	Rt	Y _{Rt}	Rv	Y _{Rv}	Rp	Y _{Rp}
1	[A1-M1]	0	0,00	--	--	--	--	--	--
2	[A2-M2]	0	0,00	--	--	--	--	--	--
3	[A1-M1] S	0	0,00	--	--	--	--	--	--
4	[A2-M2] S	0	0,00	--	--	--	--	--	--
5	[SLEQ]	0	0,00	--	--	--	--	--	--
6	[SLEF]	0	0,00	--	--	--	--	--	--
7	[SLER]	0	0,00	--	--	--	--	--	--
8	[SLEQ] S	0	0,00	--	--	--	--	--	--
9	[SLEF] S	0	0,00	--	--	--	--	--	--
10	[SLER] S	0	0,00	--	--	--	--	--	--

Simbologia adottata

n°	Indice della Combinazione/Fase
Tipo	Tipo della Combinazione/Fase
P _{NUL}	Punto di nullo del diagramma, espresso in [m]
P _{INV}	Punto di inversione del diagramma, espresso in [m]
C _{ROT}	Punto Centro di rotazione, espresso in [m]
MP	Percentuale molle plasticizzate, espressa in [%]
R/R _{MAX}	Rapporto tra lo sforzo reale nelle molle e lo sforzo che le molle sarebbero in grado di esplicare, espresso in [%]
Pp	Portanza di punta, espressa in [kg]

n°	Tipo	P _{NUL}	P _{INV}	C _{ROT}	MP	R/R _{MAX}	Pp
1	[A1-M1]	4,92	5,15	8,07	5.66	4,06	253531
2	[A2-M2]	5,04	5,15	8,25	17.61	7,16	118866
3	[A1-M1] S	4,95	5,15	8,12	11.32	5,71	253531
4	[A2-M2] S	5,08	5,20	8,45	23.90	10,25	118866
5	[SLEQ]	4,92	5,15	8,06	6.92	4,38	253531
6	[SLEF]	4,92	5,15	8,06	6.92	4,44	253531
7	[SLER]	4,92	5,15	8,06	7.55	4,60	253531
8	[SLEQ] S	4,93	5,15	8,07	8.18	4,86	253531
9	[SLEF] S	4,93	5,15	8,07	8.18	4,92	253531
10	[SLER] S	4,93	5,15	8,08	10.06	5,10	253531

Pressioni orizzontali agenti sulla paratia

Simbologia adottata

N°	numero d'ordine della sezione
Y	ordinata della sezione espressa in [m]
P	pressione sulla paratia espressa in [kg/mq] positiva da monte verso valle

Combinazione n° 1

N°	Y	P
1	0,00	0,00
11	0,50	480,24
21	1,00	960,48

“ RELAZIONE DI CALCOLO ”

31	1,50	1438,37
41	2,00	1882,72
51	2,50	2323,93
61	3,00	2764,47
71	3,50	3056,95
81	4,00	3520,90
91	4,50	3984,63
11	5,10	-10968,77
21	5,60	-10535,11
31	6,10	-7162,17
41	6,60	-4466,47
51	7,10	-2413,40
61	7,60	-2173,42
71	8,10	121,86
81	8,60	1504,36
91	9,10	2198,30
101	9,60	2404,86
111	10,10	2290,14
121	10,60	1981,28
131	11,10	1568,02
141	11,60	1107,53
151	12,10	631,16

Combinazione n° 2

N°	Y	P
1	0,00	0,00
11	0,50	456,88
21	1,00	913,76
31	1,50	1350,67
41	2,00	1766,11
51	2,50	2179,90
61	3,00	2593,11
71	3,50	2887,00
81	4,00	3326,84
91	4,50	3759,83
11	5,10	-3716,78
21	5,60	-6459,96
31	6,10	-7356,39
41	6,60	-5447,34
51	7,10	-3138,85
61	7,60	-3337,33
71	8,10	-612,75
81	8,60	1101,87
91	9,10	2037,64
101	9,60	2409,57
111	10,10	2400,43
121	10,60	2154,15
131	11,10	1775,52
141	11,60	1334,01

“ RELAZIONE DI CALCOLO ”

151	12,10	869,84
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Combinazione n° 3

N°	Y	P
1	0,00	0,00
11	0,45	481,59
21	0,95	972,32
31	1,45	1461,23
41	1,95	1924,11
51	2,45	2384,81
61	2,95	2845,01
71	3,45	3186,38
81	3,95	3662,49
91	4,45	4139,90
11	5,10	-12233,70
21	5,60	-9105,31
31	6,10	-8106,42
41	6,60	-5116,25
51	7,10	-2824,24
61	7,60	-2699,46
71	8,10	-93,12
81	8,60	1499,23
91	9,10	2321,46
101	9,60	2594,74
111	10,10	2503,30
121	10,60	2189,37
131	11,10	1754,31
141	11,60	1263,54
151	12,10	753,56

Combinazione n° 4

N°	Y	P
1	0,00	0,00
11	0,45	587,07
21	0,95	1184,48
31	1,45	1761,57
41	1,95	2317,55
51	2,45	2871,87
61	2,95	3425,61
71	3,45	3855,22
81	3,95	4433,10
91	4,45	5006,36
11	5,10	-3687,15
21	5,60	-6428,28
31	6,10	-7326,17
41	6,60	-8421,68
51	7,10	-5644,45
61	7,60	-6731,58
71	8,10	-2204,88

“ RELAZIONE DI CALCOLO ”

81	8,60	759,08
91	9,10	2489,37
101	9,60	3305,88
111	10,10	3489,77
121	10,60	3269,17
131	11,10	2815,50
141	11,60	2246,66
151	12,10	1634,19

Combinazione n° 5

N°	Y	P
1	0,00	0,00
11	0,45	452,29
21	0,95	821,70
31	1,45	1187,76
41	1,95	1524,43
51	2,45	1863,67
61	2,95	2202,50
71	3,45	2421,68
81	3,95	2776,76
91	4,45	3133,42
11	5,10	-9148,50
21	5,60	-8778,84
31	6,10	-5961,30
41	6,60	-3711,31
51	7,10	-1999,20
61	7,60	-1784,35
71	8,10	125,22
81	8,60	1273,08
91	9,10	1846,88
101	9,60	2014,74
111	10,10	1915,30
121	10,60	1654,55
131	11,10	1307,21
141	11,60	920,80
151	12,10	521,30

Combinazione n° 6

N°	Y	P
1	0,00	0,00
11	0,45	472,25
21	0,95	841,67
31	1,45	1207,37
41	1,95	1542,78
51	2,45	1882,00
61	2,95	2220,80
71	3,45	2439,03
81	3,95	2794,10
91	4,45	3150,82

“ RELAZIONE DI CALCOLO ”

11	5,10	-9270,11
21	5,60	-8894,72
31	6,10	-6039,31
41	6,60	-3759,25
51	7,10	-2024,41
61	7,60	-1805,23
71	8,10	129,23
81	8,60	1291,83
91	9,10	1872,76
101	9,60	2042,41
111	10,10	1941,27
121	10,60	1676,75
131	11,10	1324,53
141	11,60	932,75
151	12,10	527,72

Combinazione n° 7

N°	Y	P
1	0,00	0,00
11	0,45	532,16
21	0,95	901,57
31	1,45	1266,27
41	1,95	1597,81
51	2,45	1936,95
61	2,95	2275,72
71	3,45	2491,02
81	3,95	2846,18
91	4,45	3202,78
11	5,10	-9640,96
21	5,60	-9006,25
31	6,10	-6278,61
41	6,60	-3907,05
51	7,10	-2102,87
61	7,60	-1872,22
71	8,10	138,74
81	8,60	1346,88
91	9,10	1950,13
101	9,60	2125,75
111	10,10	2019,88
121	10,60	1744,20
131	11,10	1377,40
141	11,60	969,52
151	12,10	547,88

Combinazione n° 8

N°	Y	P
1	0,00	0,00
11	0,45	487,20
21	0,95	895,41

“ RELAZIONE DI CALCOLO ”

31	1,45	1300,26
41	1,95	1675,72
51	2,45	2053,75
61	2,95	2431,37
71	3,45	2688,41
81	3,95	3082,14
91	4,45	3477,45
11	5,10	-10214,00
21	5,60	-9055,09
31	6,10	-6681,92
41	6,60	-4173,49
51	7,10	-2261,47
61	7,60	-2053,28
71	8,10	89,00
81	8,60	1381,75
91	9,10	2033,09
101	9,60	2230,01
111	10,10	2127,09
121	10,60	1842,75
131	11,10	1460,69
141	11,60	1034,33
151	12,10	593,03

Combinazione n° 9

N°	Y	P
1	0,00	0,00
11	0,45	507,50
21	0,95	916,09
31	1,45	1320,96
41	1,95	1695,53
51	2,45	2073,91
61	2,95	2451,89
71	3,45	2708,34
81	3,95	3102,43
91	4,45	3498,18
11	5,10	-10352,63
21	5,60	-9043,84
31	6,10	-6772,80
41	6,60	-4230,36
51	7,10	-2292,40
61	7,60	-2081,65
71	8,10	89,78
81	8,60	1400,17
91	9,10	2060,43
101	9,60	2260,11
111	10,10	2155,86
121	10,60	1867,72
131	11,10	1480,52
141	11,60	1048,42

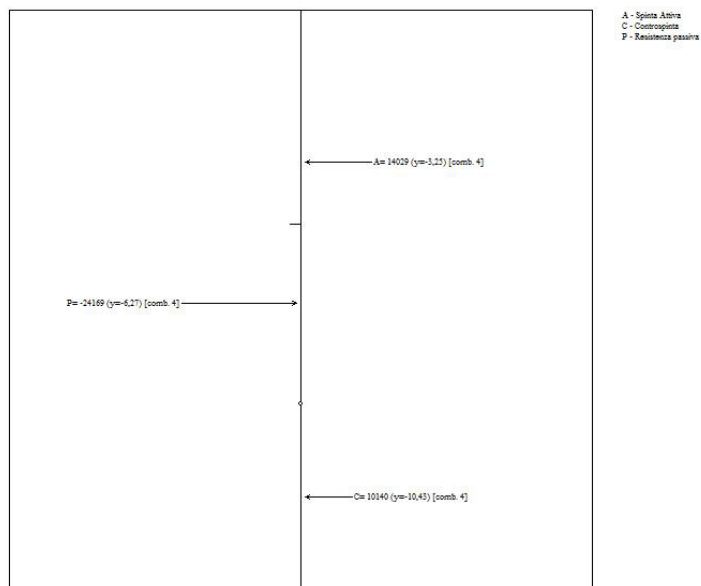
“ RELAZIONE DI CALCOLO ”

151 12,10 601,16

Combinazione n° 10

N°	Y	P
1	0,00	0,00
11	0,45	568,42
21	0,95	978,13
31	1,45	1383,12
41	1,95	1754,96
51	2,45	2134,39
61	2,95	2513,46
71	3,45	2768,07
81	3,95	3163,39
91	4,45	3560,14
11	5,10	-10798,47
21	5,60	-9006,25
31	6,10	-7070,73
41	6,60	-4419,71
51	7,10	-2398,20
61	7,60	-2186,03
71	8,10	81,38
81	8,60	1450,88
91	9,10	2142,16
101	9,60	2352,73
111	10,10	2245,95
121	10,60	1947,04
131	11,10	1544,56
141	11,60	1095,08
151	12,10	629,70

Forze agenti sulla paratia



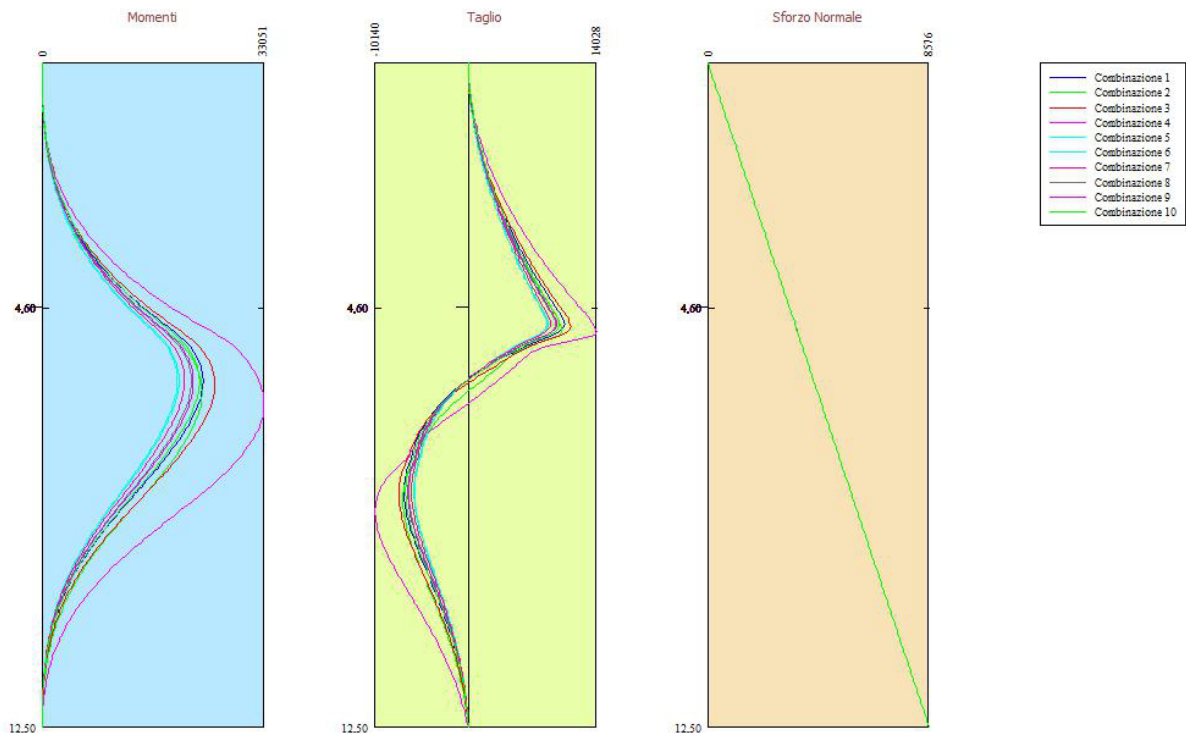
“ RELAZIONE DI CALCOLO ”

Valori massimi e minimi sollecitazioni per metro di paratia

Simbologia adottata

n°	Indice della combinazione/fase
Tipo	Tipo della combinazione/fase
Y	ordinata della sezione rispetto alla testa espressa in [m]
M	momento flettente massimo e minimo espresso in [kgm]
N	sforzo normale massimo e minimo espresso in [kg] (positivo di compressione)
T	taglio massimo e minimo espresso in [kg]

n°	Tipo	M	Y _M	T	Y _T	N	Y _N	
1	[A1-M1]	23949	5,95	10497	4,90	8576	12,50	MAX
--	--	0	12,50	-6988	8,05	0	0,00	MIN
2	[A2-M2]	23800	6,20	10202	5,00	8576	12,50	MAX
--	--	0	12,50	-7098	8,25	0	0,00	MIN
3	[A1-M1] S	25735	6,05	11214	4,95	8576	12,50	MAX
--	--	0	12,50	-7556	8,10	0	0,00	MIN
4	[A2-M2] S	33051	6,40	14028	5,05	8576	12,50	MAX
--	--	0	12,50	-10140	8,40	0	0,00	MIN
5	[SLEQ]	20078	5,95	8618	4,90	8576	12,50	MAX
--	--	0	12,50	-5853	8,05	0	0,00	MIN
6	[SLEF]	20355	5,95	8709	4,90	8576	12,50	MAX
--	--	0	0,00	-5934	8,05	0	0,00	MIN
7	[SLER]	21188	5,95	8981	4,90	8576	12,50	MAX
--	--	0	12,50	-6176	8,05	0	0,00	MIN
8	[SLEQ] S	22194	6,00	9548	4,90	8576	12,50	MAX
--	--	0	0,00	-6481	8,05	0	0,00	MIN
9	[SLEF] S	22493	6,00	9648	4,90	8576	12,50	MAX
--	--	0	12,50	-6569	8,05	0	0,00	MIN
10	[SLER] S	23409	6,00	9947	4,90	8576	12,50	MAX
--	--	0	0,00	-6839	8,05	0	0,00	MIN



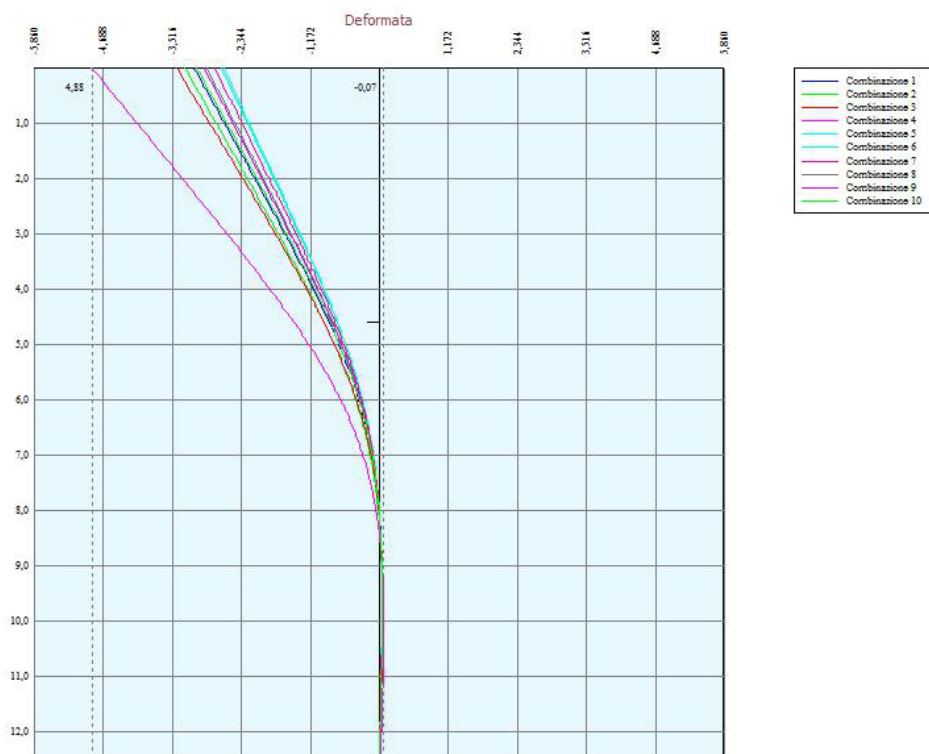
“ RELAZIONE DI CALCOLO ”

Spostamenti massimi e minimi della paratia

Simbologia adottata

n°	Indice della combinazione/fase
Tipo	Tipo della combinazione/fase
Y	ordinata della sezione rispetto alla testa della paratia espressa in [m]
U	spostamento orizzontale massimo e minimo espresso in [cm] positivo verso valle
V	spostamento verticale massimo e minimo espresso in [cm] positivo verso il basso

n°	Tipo	U	Y _U	V	Y _V	
1	[A1-M1]	3,1452	0,00	0,0061	0,00	MAX
--	--	-0,0458	9,65	0,0000	0,00	MIN
2	[A2-M2]	3,2980	0,00	0,0061	0,00	MAX
--	--	-0,0465	9,85	0,0000	0,00	MIN
3	[A1-M1] S	3,4361	0,00	0,0061	0,00	MAX
--	--	-0,0495	9,70	0,0000	0,00	MIN
4	[A2-M2] S	4,8832	0,00	0,0061	0,00	MAX
--	--	-0,0665	10,05	0,0000	0,00	MIN
5	[SLEQ]	2,6422	0,00	0,0061	0,00	MAX
--	--	-0,0384	9,65	0,0000	0,00	MIN
6	[SLEF]	2,6798	0,00	0,0061	0,00	MAX
--	--	-0,0389	9,65	0,0000	0,00	MIN
7	[SLER]	2,7937	0,00	0,0061	0,00	MAX
--	--	-0,0405	9,60	0,0000	0,00	MIN
8	[SLEQ] S	2,9312	0,00	0,0061	0,00	MAX
--	--	-0,0425	9,65	0,0000	0,00	MIN
9	[SLEF] S	2,9727	0,00	0,0061	0,00	MAX
--	--	-0,0431	9,65	0,0000	0,00	MIN
10	[SLER] S	3,1023	0,00	0,0061	0,00	MAX
--	--	-0,0448	9,65	0,0000	0,00	MIN



“ RELAZIONE DI CALCOLO ”

Stabilità globale

Metodo di Fellenius

Numero di cerchi analizzati 100

Simbologia adottata

n°	Indice della combinazione/fase
Tipo	Tipo della combinazione/fase
(X _C ; Y _C)	Coordinate centro cerchio superficie di scorrimento, espresse in [m]
R	Raggio cerchio superficie di scorrimento, espresso in [m]
(X _V ; Y _V)	Coordinate intersezione del cerchio con il pendio a valle, espresse in [m]
(X _M ; Y _M)	Coordinate intersezione del cerchio con il pendio a monte, espresse in [m]
FS	Coefficiente di sicurezza

n°	Tipo	(X _C , Y _C)	R	(X _V , Y _V)	(X _M , Y _M)	FS
2	[A2-M2]	(-3,75; 3,75)	11,61	(-11,82; -4,59)	(7,37; 0,41)	2,88
4	[A2-M2] S	(-5,00; 11,25)	19,15	(-15,76; -4,59)	(10,76; 0,36)	1,98

Combinazione n° 4

Numero di strisce 50

Simbologia adottata

Le ascisse X sono considerate positive verso monte	
Le ordinate Y sono considerate positive verso l'alto	
Origine in testa alla paratia (spigolo contro terra)	
Le strisce sono numerate da monte verso valle	
N°	numero d'ordine della striscia
W	peso della striscia espresso in [kg]
α	angolo fra la base della striscia e l'orizzontale espresso in gradi (positivo antiorario)
φ	angolo d'attrito del terreno lungo la base della striscia
c	coesione del terreno lungo la base della striscia espressa in [kg/cm ²]
b	larghezza della striscia espressa in [m]
L	sviluppo della base della striscia espressa in [m] (L=b/cos α)
u	pressione neutra lungo la base della striscia espressa in [kg/cm ²]
Ctn, Ctt	contributo alla striscia normale e tangenziale del tirante espresse in [kg]

Caratteristiche delle strisce

N°	W	α(°)	W sin α	L	φ	c	u	(Ctn; Ctt)
1	157,56	-33,24	-86,37	0,63	21,32	0,000	0,000	(0; 0)
2	480,50	-31,38	-250,22	0,62	21,32	0,000	0,000	(0; 0)
3	780,90	-29,56	-385,22	0,60	21,32	0,000	0,000	(0; 0)
4	1059,99	-27,77	-493,82	0,59	21,32	0,000	0,000	(0; 0)
5	1318,85	-26,00	-578,23	0,58	21,32	0,000	0,000	(0; 0)
6	1558,39	-24,27	-640,50	0,58	21,32	0,000	0,000	(0; 0)
7	1779,44	-22,55	-682,53	0,57	21,32	0,000	0,000	(0; 0)
8	1982,69	-20,86	-706,09	0,56	21,32	0,000	0,000	(0; 0)
9	2168,94	-19,19	-712,91	0,56	21,32	0,000	0,000	(0; 0)
10	2354,03	-17,53	-709,16	0,55	21,32	0,000	0,000	(0; 0)
11	2532,32	-15,89	-693,40	0,55	21,32	0,000	0,000	(0; 0)
12	2693,63	-14,26	-663,67	0,54	21,32	0,000	0,000	(0; 0)
13	2838,35	-12,65	-621,46	0,54	21,32	0,000	0,000	(0; 0)
14	2966,80	-11,04	-568,19	0,54	21,32	0,000	0,000	(0; 0)
15	3079,28	-9,44	-505,25	0,53	23,49	0,000	0,000	(0; 0)
16	3176,01	-7,85	-433,99	0,53	25,67	0,000	0,000	(0; 0)
17	3257,21	-6,27	-355,73	0,53	25,67	0,000	0,000	(0; 0)
18	3323,02	-4,69	-271,75	0,53	25,67	0,000	0,000	(0; 0)

“ RELAZIONE DI CALCOLO ”

19	3373,58	-3,12	-183,33	0,53	25,67	0,000	0,000	(0; 0)
20	3408,97	-1,54	-91,73	0,53	25,67	0,000	0,000	(0; 0)
21	3429,23	0,03	1,80	0,53	25,67	0,000	0,000	(0; 0)
22	3434,38	1,60	96,03	0,53	25,67	0,000	0,000	(0; 0)
23	3421,94	3,18	189,56	0,53	25,67	0,000	0,000	(0; 0)
24	3384,75	4,75	280,36	0,53	25,67	0,000	0,000	(0; 0)
25	3331,35	6,33	367,33	0,53	25,67	0,000	0,000	(0; 0)
26	3262,55	7,91	449,25	0,53	25,67	0,000	0,000	(0; 0)
27	7896,31	9,50	1303,94	0,53	25,67	0,000	0,000	(0; 0)
28	7805,44	11,10	1503,07	0,54	25,67	0,000	0,000	(0; 0)
29	7689,36	12,71	1691,68	0,54	25,67	0,000	0,000	(0; 0)
30	4857,02	14,33	1201,81	0,54	25,67	0,000	0,000	(0; 0)
31	7527,15	15,97	2071,50	0,56	25,67	0,000	0,000	(0; 0)
32	7455,52	17,66	2261,25	0,56	25,67	0,000	0,000	(0; 0)
33	7363,99	19,35	2440,38	0,57	25,67	0,000	0,000	(0; 0)
34	7219,17	21,07	2595,21	0,58	25,67	0,000	0,000	(0; 0)
35	7038,51	22,80	2728,02	0,58	25,67	0,000	0,000	(0; 0)
36	6837,13	24,56	2842,06	0,59	25,67	0,000	0,000	(0; 0)
37	6614,18	26,35	2935,22	0,60	25,67	0,000	0,000	(0; 0)
38	6368,67	28,16	3005,20	0,61	25,67	0,000	0,000	(0; 0)
39	6076,21	30,00	3037,92	0,62	25,67	0,000	0,000	(0; 0)
40	5736,01	31,88	3029,01	0,63	25,67	0,000	0,000	(0; 0)
41	5369,29	33,79	2986,22	0,65	25,67	0,000	0,000	(0; 0)
42	4974,26	35,75	2906,29	0,66	25,67	0,000	0,000	(0; 0)
43	4548,83	37,76	2785,55	0,68	25,67	0,000	0,000	(0; 0)
44	4090,48	39,83	2619,83	0,70	25,67	0,000	0,000	(0; 0)
45	3596,22	41,96	2404,33	0,72	25,67	0,000	0,000	(0; 0)
46	3062,37	44,16	2133,48	0,75	23,49	0,000	0,000	(0; 0)
47	2484,38	46,45	1800,64	0,78	21,32	0,000	0,000	(0; 0)
48	1856,51	48,84	1397,76	0,82	21,32	0,000	0,000	(0; 0)
49	1149,33	51,35	897,65	0,86	21,32	0,000	0,000	(0; 0)
50	375,33	53,43	301,43	0,90	20,89	0,000	0,000	(0; 0)

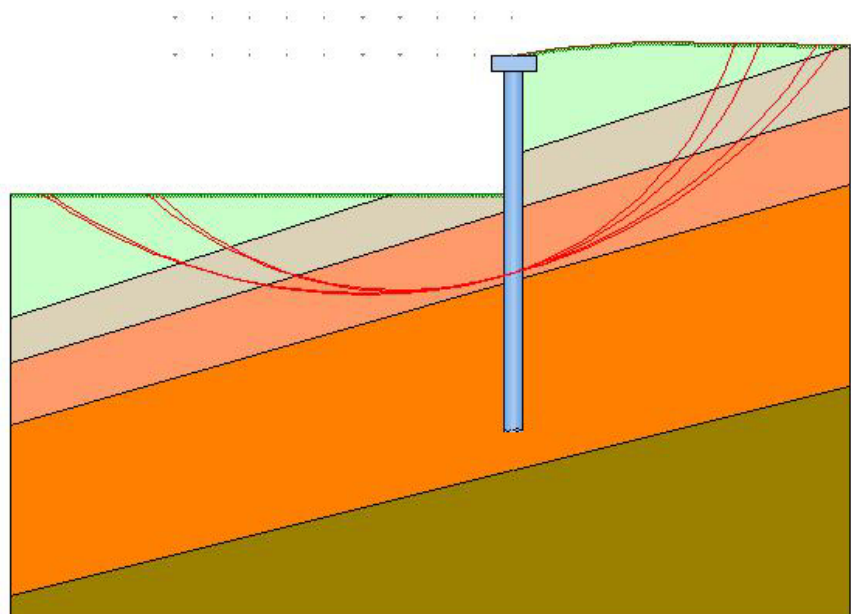
Resistenza a taglio paratia= 50644,39 [kg]

$\Sigma W_i = 192546,32$ [kg]

$\Sigma W_i \sin \alpha_i = 44630,20$ [kg]

$\Sigma W_i \cos \alpha_i \tan \varphi_i = 82396,24$ [kg]

$\Sigma c_i b_i / \cos \alpha_i = 0,00$ [kg]



“ RELAZIONE DI CALCOLO ”

Descrizione armatura pali e caratteristiche sezione

Diametro del palo	60,00	[cm]
Area della sezione trasversale	2827,43	[cmq]
Copriferro	3,00	[cm]

L'armatura del palo è costituita da 2 tratti:

Tratto n°	da [m]	a [m]	A _r	Staffe
1	0,00	4,22	13 18(33,08 cmq)	10/30,0 cm
2	4,22	12,50	13 24(58,81 cmq)	10/25,0 cm

Verifica armatura paratia (Sezioni critiche)

Simbologia adottata

n°	Indice della combinazione/fase
Tipo	Tipo della Combinazione/Fase
Y	ordinata della sezione rispetto alla testa della paratia espressa in [m]
M	momento flettente espresso in [kgm]
N	sforzo normale espresso in [kg] (positivo di compressione)
Mu	momento ultimo di riferimento espresso in [kgm]
Nu	sforzo normale ultimo di riferimento espresso in [kg]
FS	fattore di sicurezza (rapporto fra la sollecitazione ultima e la sollecitazione di esercizio)
T	taglio espresso in [kg]
Tr	taglio resistente espresso in [kg]
FS _T	fattore di sicurezza a taglio

n°	Tipo	Y	M	N	Mu	Nu	FS
1	[A1-M1]	5,95	24674	4206	48073	8194	1.95
2	[A2-M2]	6,20	24521	4383	48114	8599	1.96
3	[A1-M1] S	6,05	26515	4276	48028	7746	1.81
4	[A2-M2] S	6,40	34052	4524	47890	6362	1.41

n°	Tipo	Y	T	Tr	FS
1	[A1-M1]	4,90	10815	29084	2.69
2	[A2-M2]	5,00	10511	29084	2.77
3	[A1-M1] S	4,95	11554	29084	2.52
4	[A2-M2] S	5,05	14453	29084	2.01

Simbologia adottata

n°	Indice della combinazione/fase
Tipo	Tipo della Combinazione/Fase
Y	ordinata della sezione rispetto alla testa della paratia espressa in [m]
c	tensione nel calcestruzzo, espressa in [kg/cm ²]
f	tensione nell'armatura longitudinale del palo, espressa in [kg/cm ²]
c	tensione tangenziale nel calcestruzzo, espresso in [kg/cm ²]
st	tensione nell'armatura trasversale, espresso in [kg/cm ²]

n°	Tipo	c	Y(c)	f	Y(f)	c	Y(c)	st	Y(st)
5	[SLEQ]	100,68	5,95	2312,68	5,95	4,08	4,90	2599,02	4,90
6	[SLEF]	102,06	5,95	2345,68	5,95	4,13	4,90	2626,34	4,90
7	[SLER]	106,22	5,95	2444,89	5,95	4,25	4,90	2708,29	4,90
8	[SLEQ] S	111,24	6,00	2564,55	5,95	4,52	4,90	2879,13	4,90
9	[SLEF] S	112,73	6,00	2600,18	5,95	4,57	4,90	2909,17	4,90
10	[SLER] S	117,30	6,00	2709,07	5,95	4,71	4,90	2999,26	4,90

“ RELAZIONE DI CALCOLO ”

Verifica armatura paratia (Inviluppo)

Simbologia adottata

n°	Indice della Combinazione/Fase
Tipo	Tipo della Combinazione/Fase
Y	ordinata della sezione con fattore di sicurezza minimo, espressa in [m]
M	momento flettente, espresso in [kgm]
N	sforzo normale, espresso in [kg] (positivo di compressione)
Mu	momento ultimo di riferimento, espresso in [kgm]
Nu	sforzo normale ultimo di riferimento, espresso in [kg]
FS	fattore di sicurezza (rapporto fra la sollecitazione ultima e la sollecitazione di esercizio)
T	taglio, espresso in [kg]
Tr	Taglio resistente, espresso in [kg]
FS _T	fattore di sicurezza a taglio

n°	Tipo	Y	M	N	Mu	Nu	FS	T	Tr	FS _T
1	[A1-M1]	0,00	0	0	0	0	1000.00	0	0	100000.00
4	[A2-M2] S	0,05	0	35	1308	455551	12889.45	4	27271	6722.42
4	[A2-M2] S	0,10	0	71	3094	452962	6408.10	11	27271	2435.15
4	[A2-M2] S	0,15	1	106	5505	449469	4239.13	21	27271	1272.85
4	[A2-M2] S	0,20	3	141	8509	445116	3148.55	35	27271	785.10
4	[A2-M2] S	0,25	5	177	12073	439952	2489.62	51	27271	533.40
4	[A2-M2] S	0,30	8	212	16154	434039	2046.80	71	27271	386.30
4	[A2-M2] S	0,35	12	247	20708	427440	1727.72	93	27271	292.79
4	[A2-M2] S	0,40	17	283	24674	403642	1427.59	119	27271	229.62
4	[A2-M2] S	0,45	24	318	28379	377083	1185.47	147	27271	184.93
4	[A2-M2] S	0,50	32	353	31747	349460	988.77	179	27271	152.14
4	[A2-M2] S	0,55	42	389	34697	321627	827.29	214	27271	127.37
4	[A2-M2] S	0,60	54	424	37210	294459	694.29	252	27271	108.20
4	[A2-M2] S	0,65	67	459	39296	268590	584.58	293	27271	93.06
4	[A2-M2] S	0,70	83	495	40980	244368	493.87	337	27271	80.89
4	[A2-M2] S	0,75	101	530	42297	221985	418.73	384	27271	70.96
4	[A2-M2] S	0,80	121	565	43120	200716	354.94	435	27271	62.76
4	[A2-M2] S	0,85	145	601	43556	181049	301.33	488	27271	55.90
4	[A2-M2] S	0,90	170	636	43411	162119	254.84	544	27271	50.10
4	[A2-M2] S	0,95	199	672	43063	145280	216.35	604	27271	45.17
4	[A2-M2] S	1,00	231	707	42488	130127	184.09	666	27271	40.93
4	[A2-M2] S	1,05	266	742	41831	116824	157.40	732	27271	37.26
4	[A2-M2] S	1,10	304	778	41026	104908	134.92	801	27271	34.06
4	[A2-M2] S	1,15	346	813	40344	94811	116.63	872	27271	31.26
4	[A2-M2] S	1,20	391	848	39579	85777	101.12	947	27271	28.79
4	[A2-M2] S	1,25	441	884	38829	77850	88.11	1025	27271	26.61
4	[A2-M2] S	1,30	494	919	38184	71033	77.30	1106	27271	24.66
4	[A2-M2] S	1,35	551	954	37624	65121	68.24	1189	27271	22.93
4	[A2-M2] S	1,40	613	990	37080	59865	60.49	1276	27271	21.38
4	[A2-M2] S	1,45	679	1025	36413	54967	53.63	1365	27271	19.98
4	[A2-M2] S	1,50	750	1060	35830	50685	47.80	1457	27271	18.71
4	[A2-M2] S	1,55	825	1096	35316	46914	42.82	1552	27271	17.57
4	[A2-M2] S	1,60	905	1131	34861	43574	38.53	1650	27271	16.53
4	[A2-M2] S	1,65	990	1166	34456	40598	34.81	1751	27271	15.57
4	[A2-M2] S	1,70	1080	1202	34093	37934	31.57	1855	27271	14.70

“ RELAZIONE DI CALCOLO ”

4	[A2-M2] S	1,75	1175	1237	33766	35536	28.73	1961	27271	13.91
4	[A2-M2] S	1,80	1276	1272	33471	33371	26.23	2070	27271	13.17
4	[A2-M2] S	1,85	1383	1308	33204	31407	24.02	2183	27271	12.49
4	[A2-M2] S	1,90	1495	1343	32960	29619	22.05	2298	27271	11.87
4	[A2-M2] S	1,95	1612	1378	32738	27987	20.30	2416	27271	11.29
4	[A2-M2] S	2,00	1736	1414	32534	26492	18.74	2537	27271	10.75
4	[A2-M2] S	2,05	1866	1449	32347	25118	17.33	2660	27271	10.25
4	[A2-M2] S	2,10	2002	1484	32175	23853	16.07	2787	27271	9.79
4	[A2-M2] S	2,15	2145	1520	32016	22685	14.93	2916	27271	9.35
4	[A2-M2] S	2,20	2294	1555	31869	21604	13.89	3048	27271	8.95
4	[A2-M2] S	2,25	2450	1590	31732	20601	12.95	3184	27271	8.57
4	[A2-M2] S	2,30	2612	1626	31605	19669	12.10	3321	27271	8.21
4	[A2-M2] S	2,35	2782	1661	31487	18801	11.32	3462	27271	7.88
4	[A2-M2] S	2,40	2959	1696	31376	17991	10.60	3606	27271	7.56
4	[A2-M2] S	2,45	3143	1732	31273	17234	9.95	3752	27271	7.27
4	[A2-M2] S	2,50	3334	1767	31177	16525	9.35	3902	27271	6.99
4	[A2-M2] S	2,55	3533	1802	31086	15860	8.80	4054	27271	6.73
4	[A2-M2] S	2,60	3739	1838	31001	15236	8.29	4209	27271	6.48
4	[A2-M2] S	2,65	3954	1873	30921	14649	7.82	4367	27271	6.24
4	[A2-M2] S	2,70	4176	1909	30846	14096	7.39	4528	27271	6.02
4	[A2-M2] S	2,75	4407	1944	30775	13575	6.98	4691	27271	5.81
4	[A2-M2] S	2,80	4645	1979	30708	13083	6.61	4858	27271	5.61
4	[A2-M2] S	2,85	4893	2015	30645	12618	6.26	5027	27271	5.42
4	[A2-M2] S	2,90	5148	2050	30585	12178	5.94	5200	27271	5.24
4	[A2-M2] S	2,95	5413	2085	30528	11761	5.64	5375	27271	5.07
4	[A2-M2] S	3,00	5686	2121	30474	11366	5.36	5552	27271	4.91
4	[A2-M2] S	3,05	5968	2156	30423	10990	5.10	5733	27271	4.76
4	[A2-M2] S	3,10	6259	2191	30374	10634	4.85	5917	27271	4.61
4	[A2-M2] S	3,15	6560	2227	30328	10294	4.62	6103	27271	4.47
4	[A2-M2] S	3,20	6870	2262	30284	9972	4.41	6292	27271	4.33
4	[A2-M2] S	3,25	7189	2297	30242	9664	4.21	6484	27271	4.21
4	[A2-M2] S	3,30	7518	2333	30202	9371	4.02	6679	27271	4.08
4	[A2-M2] S	3,35	7857	2368	30164	9091	3.84	6870	27271	3.97
4	[A2-M2] S	3,40	8205	2403	30128	8825	3.67	7064	27271	3.86
4	[A2-M2] S	3,45	8563	2439	30093	8570	3.51	7262	27271	3.76
4	[A2-M2] S	3,50	8931	2474	30060	8327	3.37	7462	27271	3.65
4	[A2-M2] S	3,55	9310	2509	30028	8094	3.23	7665	27271	3.56
4	[A2-M2] S	3,60	9698	2545	29998	7871	3.09	7871	27271	3.46
4	[A2-M2] S	3,65	10097	2580	29969	7658	2.97	8080	27271	3.38
4	[A2-M2] S	3,70	10506	2615	29941	7454	2.85	8291	27271	3.29
4	[A2-M2] S	3,75	10926	2651	29914	7258	2.74	8506	27271	3.21
4	[A2-M2] S	3,80	11357	2686	29889	7069	2.63	8724	27271	3.13
4	[A2-M2] S	3,85	11798	2721	29864	6888	2.53	8945	27271	3.05
4	[A2-M2] S	3,90	12251	2757	29841	6715	2.44	9169	27271	2.97
4	[A2-M2] S	3,95	12715	2792	29818	6547	2.35	9396	27271	2.90
4	[A2-M2] S	4,00	13191	2827	29796	6387	2.26	9626	27271	2.83
4	[A2-M2] S	4,05	13678	2863	29775	6232	2.18	9859	27271	2.77
4	[A2-M2] S	4,10	14177	2898	29754	6083	2.10	10095	27271	2.70
4	[A2-M2] S	4,15	14688	2933	29735	5939	2.02	10333	27271	2.64

“ RELAZIONE DI CALCOLO ”

4	[A2-M2] S	4,20	15210	2969	29716	5800	1.95	10575	27271	2.58
4	[A2-M2] S	4,25	15745	3004	48173	9191	3.06	10820	29084	2.69
4	[A2-M2] S	4,30	16292	3039	48152	8983	2.96	11068	29084	2.63
4	[A2-M2] S	4,35	16852	3075	48132	8782	2.86	11318	29084	2.57
4	[A2-M2] S	4,40	17424	3110	48112	8588	2.76	11572	29084	2.51
4	[A2-M2] S	4,45	18009	3146	48094	8400	2.67	11828	29084	2.46
4	[A2-M2] S	4,50	18607	3181	48075	8218	2.58	12088	29084	2.41
4	[A2-M2] S	4,55	19218	3216	48058	8043	2.50	12350	29084	2.35
4	[A2-M2] S	4,60	19842	3252	48041	7872	2.42	12615	29084	2.31
4	[A2-M2] S	4,65	20480	3287	48024	7708	2.34	12877	29084	2.26
4	[A2-M2] S	4,70	21130	3322	48008	7548	2.27	13132	29084	2.21
4	[A2-M2] S	4,75	21792	3358	47993	7394	2.20	13377	29084	2.17
4	[A2-M2] S	4,80	22467	3393	47978	7245	2.14	13613	29084	2.14
4	[A2-M2] S	4,85	23153	3428	47964	7102	2.07	13834	29084	2.10
4	[A2-M2] S	4,90	23850	3464	47950	6963	2.01	14038	29084	2.07
4	[A2-M2] S	4,95	24557	3499	47937	6830	1.95	14215	29084	2.05
4	[A2-M2] S	5,00	25271	3534	47924	6702	1.90	14357	29084	2.03
4	[A2-M2] S	5,05	25991	3570	47911	6580	1.84	14453	29084	2.01
4	[A2-M2] S	5,10	26714	3605	47900	6464	1.79	14263	29084	2.04
4	[A2-M2] S	5,15	27427	3640	47889	6356	1.75	13200	29084	2.20
4	[A2-M2] S	5,20	28087	3676	47880	6266	1.70	11945	29084	2.43
4	[A2-M2] S	5,25	28684	3711	47873	6194	1.67	10723	29084	2.71
4	[A2-M2] S	5,30	29220	3746	47867	6137	1.64	9535	29084	3.05
4	[A2-M2] S	5,35	29697	3782	47863	6095	1.61	8380	29084	3.47
4	[A2-M2] S	5,40	30116	3817	47860	6066	1.59	7504	29084	3.88
4	[A2-M2] S	5,45	30491	3852	47858	6047	1.57	6906	29084	4.21
4	[A2-M2] S	5,50	30837	3888	47857	6034	1.55	6586	29084	4.42
4	[A2-M2] S	5,55	31166	3923	47856	6024	1.54	6260	29084	4.65
4	[A2-M2] S	5,60	31479	3958	47855	6018	1.52	5929	29084	4.91
4	[A2-M2] S	5,65	31775	3994	47855	6015	1.51	5592	29084	5.20
4	[A2-M2] S	5,70	32055	4029	47855	6015	1.49	5249	29084	5.54
4	[A2-M2] S	5,75	32317	4064	47855	6019	1.48	4899	29084	5.94
4	[A2-M2] S	5,80	32562	4100	47856	6025	1.47	4543	29084	6.40
4	[A2-M2] S	5,85	32790	4135	47857	6035	1.46	4181	29084	6.96
4	[A2-M2] S	5,90	32999	4170	47858	6048	1.45	3812	29084	7.63
4	[A2-M2] S	5,95	33189	4206	47860	6065	1.44	3436	29084	8.47
4	[A2-M2] S	6,00	33361	4241	47862	6085	1.43	3053	29084	9.53
4	[A2-M2] S	6,05	33514	4276	47864	6108	1.43	2672	29084	10.88
4	[A2-M2] S	6,10	33647	4312	47867	6134	1.42	2295	29084	12.67
4	[A2-M2] S	6,15	33762	4347	47870	6164	1.42	1920	29084	15.15
4	[A2-M2] S	6,20	33858	4383	47873	6197	1.41	-1891	29084	15.38
4	[A2-M2] S	6,25	33935	4418	47877	6233	1.41	-2215	29084	13.13
4	[A2-M2] S	6,30	33994	4453	47881	6272	1.41	-2524	29084	11.52
4	[A2-M2] S	6,35	34033	4489	47885	6315	1.41	-2819	29084	10.32
4	[A2-M2] S	6,40	34052	4524	47890	6362	1.41	-3101	29084	9.38
4	[A2-M2] S	6,45	34052	4559	47895	6413	1.41	-3369	29084	8.63
4	[A2-M2] S	6,50	34030	4595	47900	6467	1.41	-3624	29084	8.03
4	[A2-M2] S	6,55	33988	4630	47906	6526	1.41	-3866	29084	7.52
4	[A2-M2] S	6,60	33925	4665	47912	6589	1.41	-4097	29084	7.10

“ RELAZIONE DI CALCOLO ”

4	[A2-M2] S	6,65	33840	4701	47919	6656	1.42	-4315	29084	6.74
4	[A2-M2] S	6,70	33732	4736	47926	6729	1.42	-4534	29084	6.41
4	[A2-M2] S	6,75	33603	4771	47934	6806	1.43	-4758	29084	6.11
4	[A2-M2] S	6,80	33453	4807	47942	6888	1.43	-4971	29084	5.85
4	[A2-M2] S	6,85	33284	4842	47951	6976	1.44	-5171	29084	5.62
4	[A2-M2] S	6,90	33095	4877	47960	7068	1.45	-5359	29084	5.43
4	[A2-M2] S	6,95	32888	4913	47970	7165	1.46	-5537	29084	5.25
4	[A2-M2] S	7,00	32665	4948	47980	7268	1.47	-5703	29084	5.10
4	[A2-M2] S	7,05	32425	4983	47991	7376	1.48	-5859	29084	4.96
4	[A2-M2] S	7,10	32169	5019	48002	7489	1.49	-6004	29084	4.84
4	[A2-M2] S	7,15	31899	5054	48014	7607	1.51	-6140	29084	4.74
4	[A2-M2] S	7,20	31616	5089	48027	7731	1.52	-6266	29084	4.64
4	[A2-M2] S	7,25	31319	5125	48040	7861	1.53	-6382	29084	4.56
4	[A2-M2] S	7,30	31010	5160	48053	7996	1.55	-6490	29084	4.48
4	[A2-M2] S	7,35	30690	5195	48067	8137	1.57	-6619	29084	4.39
4	[A2-M2] S	7,40	30359	5231	48082	8284	1.58	-6820	29084	4.26
4	[A2-M2] S	7,45	30018	5266	48097	8438	1.60	-7007	29084	4.15
4	[A2-M2] S	7,50	29668	5301	48113	8598	1.62	-7296	29084	3.99
4	[A2-M2] S	7,55	29303	5337	48130	8766	1.64	-7671	29084	3.79
4	[A2-M2] S	7,60	28919	5372	48148	8944	1.66	-8018	29084	3.63
4	[A2-M2] S	7,65	28519	5407	48167	9133	1.69	-8337	29084	3.49
4	[A2-M2] S	7,70	28102	5443	48187	9333	1.71	-8630	29084	3.37
4	[A2-M2] S	7,75	27670	5478	48208	9544	1.74	-8898	29084	3.27
4	[A2-M2] S	7,80	27225	5513	48230	9767	1.77	-9140	29084	3.18
4	[A2-M2] S	7,85	26768	5549	48254	10003	1.80	-9360	29084	3.11
4	[A2-M2] S	7,90	26300	5584	48279	10251	1.84	-9556	29084	3.04
4	[A2-M2] S	7,95	25823	5620	48305	10512	1.87	-9730	29084	2.99
4	[A2-M2] S	8,00	25336	5655	48333	10788	1.91	-9883	29084	2.94
4	[A2-M2] S	8,05	24842	5690	48362	11078	1.95	-10016	29084	2.90
4	[A2-M2] S	8,10	24341	5726	48392	11383	1.99	-10130	29084	2.87
4	[A2-M2] S	8,15	23835	5761	48424	11704	2.03	-10225	29084	2.84
4	[A2-M2] S	8,20	23323	5796	48458	12043	2.08	-10302	29084	2.82
4	[A2-M2] S	8,25	22808	5832	48494	12399	2.13	-10362	29084	2.81
4	[A2-M2] S	8,30	22290	5867	48531	12774	2.18	-10406	29084	2.79
4	[A2-M2] S	8,35	21770	5902	48571	13169	2.23	-10434	29084	2.79
4	[A2-M2] S	8,40	21248	5938	48612	13584	2.29	-10448	29084	2.78
4	[A2-M2] S	8,45	20726	5973	48656	14022	2.35	-10447	29084	2.78
4	[A2-M2] S	8,50	20203	6008	48702	14484	2.41	-10433	29084	2.79
4	[A2-M2] S	8,55	19682	6044	48751	14970	2.48	-10406	29084	2.79
4	[A2-M2] S	8,60	19161	6079	48802	15483	2.55	-10367	29084	2.81
4	[A2-M2] S	8,65	18643	6114	48857	16023	2.62	-10316	29084	2.82
4	[A2-M2] S	8,70	18127	6150	48914	16594	2.70	-10255	29084	2.84
4	[A2-M2] S	8,75	17615	6185	48974	17196	2.78	-10183	29084	2.86
4	[A2-M2] S	8,80	17105	6220	49038	17832	2.87	-10101	29084	2.88
4	[A2-M2] S	8,85	16600	6256	49105	18505	2.96	-10011	29084	2.91
4	[A2-M2] S	8,90	16100	6291	49176	19216	3.05	-9912	29084	2.93
4	[A2-M2] S	8,95	15604	6326	49251	19968	3.16	-9805	29084	2.97
4	[A2-M2] S	9,00	15114	6362	49331	20764	3.26	-9690	29084	3.00
4	[A2-M2] S	9,05	14630	6397	49415	21608	3.38	-9568	29084	3.04

“ RELAZIONE DI CALCOLO ”

4	[A2-M2] S	9,10	14151	6432	49505	22503	3.50	-9440	29084	3.08
4	[A2-M2] S	9,15	13679	6468	49600	23452	3.63	-9306	29084	3.13
4	[A2-M2] S	9,20	13214	6503	49701	24460	3.76	-9166	29084	3.17
4	[A2-M2] S	9,25	12756	6538	49808	25531	3.90	-9021	29084	3.22
4	[A2-M2] S	9,30	12305	6574	49922	26671	4.06	-8871	29084	3.28
4	[A2-M2] S	9,35	11861	6609	50044	27885	4.22	-8717	29084	3.34
4	[A2-M2] S	9,40	11425	6644	50173	29179	4.39	-8558	29084	3.40
4	[A2-M2] S	9,45	10997	6680	50311	30560	4.57	-8397	29084	3.46
4	[A2-M2] S	9,50	10577	6715	50459	32034	4.77	-8232	29084	3.53
4	[A2-M2] S	9,55	10166	6750	50617	33611	4.98	-8064	29084	3.61
4	[A2-M2] S	9,60	9763	6786	50786	35300	5.20	-7894	29084	3.68
4	[A2-M2] S	9,65	9368	6821	50967	37111	5.44	-7721	29084	3.77
4	[A2-M2] S	9,70	8982	6857	51162	39055	5.70	-7547	29084	3.85
4	[A2-M2] S	9,75	8605	6892	51371	41146	5.97	-7371	29084	3.95
4	[A2-M2] S	9,80	8236	6927	51596	43397	6.26	-7194	29084	4.04
4	[A2-M2] S	9,85	7876	6963	51839	45825	6.58	-7015	29084	4.15
4	[A2-M2] S	9,90	7526	6998	52102	48448	6.92	-6836	29084	4.25
4	[A2-M2] S	9,95	7184	7033	52386	51288	7.29	-6657	29084	4.37
4	[A2-M2] S	10,00	6851	7069	52694	54368	7.69	-6477	29084	4.49
4	[A2-M2] S	10,05	6527	7104	53029	57715	8.12	-6297	29084	4.62
4	[A2-M2] S	10,10	6212	7139	53394	61361	8.59	-6117	29084	4.75
4	[A2-M2] S	10,15	5906	7175	53792	65342	9.11	-5938	29084	4.90
4	[A2-M2] S	10,20	5610	7210	54229	69700	9.67	-5759	29084	5.05
4	[A2-M2] S	10,25	5322	7245	54707	74483	10.28	-5581	29084	5.21
4	[A2-M2] S	10,30	5043	7281	55009	79424	10.91	-5403	29084	5.38
4	[A2-M2] S	10,35	4772	7316	55330	84819	11.59	-5227	29084	5.56
4	[A2-M2] S	10,40	4511	7351	55682	90741	12.34	-5052	29084	5.76
4	[A2-M2] S	10,45	4258	7387	56069	97258	13.17	-4879	29084	5.96
4	[A2-M2] S	10,50	4014	7422	56497	104453	14.07	-4707	29084	6.18
4	[A2-M2] S	10,55	3779	7457	56958	112396	15.07	-4537	29084	6.41
4	[A2-M2] S	10,60	3552	7493	57200	120649	16.10	-4369	29084	6.66
4	[A2-M2] S	10,65	3334	7528	57466	129762	17.24	-4202	29084	6.92
4	[A2-M2] S	10,70	3124	7563	57761	139855	18.49	-4038	29084	7.20
4	[A2-M2] S	10,75	2922	7599	58035	150928	19.86	-3875	29084	7.50
4	[A2-M2] S	10,80	2728	7634	58001	162304	21.26	-3715	29084	7.83
4	[A2-M2] S	10,85	2542	7669	57963	174855	22.80	-3557	29084	8.18
4	[A2-M2] S	10,90	2364	7705	57860	188541	24.47	-3402	29084	8.55
4	[A2-M2] S	10,95	2194	7740	57358	202317	26.14	-3249	29084	8.95
4	[A2-M2] S	11,00	2032	7775	56809	217389	27.96	-3099	29084	9.39
4	[A2-M2] S	11,05	1877	7811	55932	232752	29.80	-2951	29084	9.86
4	[A2-M2] S	11,10	1729	7846	54782	248534	31.68	-2806	29084	10.36
4	[A2-M2] S	11,15	1589	7881	53518	265428	33.68	-2664	29084	10.92
4	[A2-M2] S	11,20	1456	7917	52081	283194	35.77	-2524	29084	11.52
4	[A2-M2] S	11,25	1330	7952	50514	302087	37.99	-2388	29084	12.18
4	[A2-M2] S	11,30	1210	7987	48720	321512	40.25	-2254	29084	12.90
4	[A2-M2] S	11,35	1098	8023	46776	341882	42.61	-2123	29084	13.70
4	[A2-M2] S	11,40	992	8058	44632	362721	45.01	-1995	29084	14.58
4	[A2-M2] S	11,45	892	8094	42315	384033	47.45	-1870	29084	15.55
4	[A2-M2] S	11,50	798	8129	39837	405658	49.90	-1748	29084	16.64

“ RELAZIONE DI CALCOLO ”

4	[A2-M2] S	11,55	711	8164	37174	426938	52.29	-1629	29084	17.85
4	[A2-M2] S	11,60	629	8200	34416	448361	54.68	-1514	29084	19.21
4	[A2-M2] S	11,65	554	8235	31469	468014	56.83	-1401	29084	20.76
4	[A2-M2] S	11,70	484	8270	28511	487519	58.95	-1292	29084	22.52
4	[A2-M2] S	11,75	419	8306	25512	505608	60.88	-1185	29084	24.54
4	[A2-M2] S	11,80	360	8341	22560	522946	62.70	-1082	29084	26.88
4	[A2-M2] S	11,85	306	8376	19285	528341	63.08	-982	29084	29.62
4	[A2-M2] S	11,90	257	8412	16272	533305	63.40	-885	29084	32.87
4	[A2-M2] S	11,95	212	8447	13524	537831	63.67	-791	29084	36.76
4	[A2-M2] S	12,00	173	8482	11043	541918	63.89	-701	29084	41.52
4	[A2-M2] S	12,05	138	8518	8828	545567	64.05	-613	29084	47.43
4	[A2-M2] S	12,10	107	8553	6876	548783	64.16	-529	29084	54.98
4	[A2-M2] S	12,15	81	8588	5184	551570	64.22	-448	29084	64.92
4	[A2-M2] S	12,20	58	8624	3746	553939	64.23	-370	29084	78.56
4	[A2-M2] S	12,25	40	8659	2556	555900	64.20	-296	29084	98.39
4	[A2-M2] S	12,30	25	8694	1605	557466	64.12	-224	29084	129.71
4	[A2-M2] S	12,35	14	8730	884	558653	63.99	-156	29084	186.39
4	[A2-M2] S	12,40	6	8765	384	559477	63.83	-91	29084	319.39
4	[A2-M2] S	12,45	1	8800	93	559957	63.63	-29	29084	993.12

Simbologia adottata

n°	Indice della combinazione/fase
Tipo	Tipo della Combinazione/Fase
Y	ordinata della sezione, espressa in [m]
σ_c	tensione massima nel calcestruzzo, espressa in [kg/cm ²]
σ_f	tensione massima nei ferri longitudinali, espressa in [kg/cm ²]
σ_{st}	tensione massima nei ferri trasversali, espressa in [kg/cm ²]

Y	σ_c n° - Tipo	σ_f n° - Tipo	τ_c n° - Tipo	σ_{st} n° - Tipo
0,00	0,00 1 - [A1-M1]	0,00 1 - [A1-M1]	0,00 10 - [SLER] S	0,00 10 - [SLER] S
0,05	0,01 10 - [SLER] S	0,17 10 - [SLER] S	0,01 10 - [SLER] S	3,97 10 - [SLER] S
0,10	0,03 10 - [SLER] S	0,37 10 - [SLER] S	0,01 10 - [SLER] S	8,69 10 - [SLER] S
0,15	0,04 10 - [SLER] S	0,61 10 - [SLER] S	0,02 10 - [SLER] S	14,17 10 - [SLER] S
0,20	0,06 10 - [SLER] S	0,89 10 - [SLER] S	0,03 10 - [SLER] S	20,40 10 - [SLER] S
0,25	0,09 10 - [SLER] S	1,21 10 - [SLER] S	0,04 10 - [SLER] S	27,38 10 - [SLER] S
0,30	0,11 10 - [SLER] S	1,58 10 - [SLER] S	0,05 10 - [SLER] S	35,11 10 - [SLER] S
0,35	0,14 10 - [SLER] S	2,00 10 - [SLER] S	0,06 10 - [SLER] S	43,58 10 - [SLER] S
0,40	0,18 10 - [SLER] S	2,49 10 - [SLER] S	0,07 10 - [SLER] S	54,26 10 - [SLER] S
0,45	0,23 10 - [SLER] S	3,06 10 - [SLER] S	0,09 10 - [SLER] S	67,97 10 - [SLER] S
0,50	0,28 10 - [SLER] S	3,74 10 - [SLER] S	0,11 10 - [SLER] S	83,57 10 - [SLER] S
0,55	0,34 10 - [SLER] S	4,56 10 - [SLER] S	0,13 10 - [SLER] S	100,34 10 - [SLER] S
0,60	0,42 10 - [SLER] S	5,52 10 - [SLER] S	0,15 10 - [SLER] S	117,42 10 - [SLER] S
0,65	0,51 10 - [SLER] S	6,63 10 - [SLER] S	0,18 10 - [SLER] S	134,15 10 - [SLER] S
0,70	0,61 10 - [SLER] S	7,91 10 - [SLER] S	0,20 10 - [SLER] S	150,29 10 - [SLER] S
0,75	0,73 10 - [SLER] S	9,35 10 - [SLER] S	0,22 10 - [SLER] S	165,97 10 - [SLER] S
0,80	0,87 10 - [SLER] S	10,97 10 - [SLER] S	0,24 10 - [SLER] S	181,50 10 - [SLER] S
0,85	1,02 10 - [SLER] S	12,97 10 - [SLER] S	0,26 10 - [SLER] S	197,18 10 - [SLER] S
0,90	1,18 10 - [SLER] S	16,46 10 - [SLER] S	0,28 10 - [SLER] S	213,26 10 - [SLER] S
0,95	1,37 10 - [SLER] S	20,44 10 - [SLER] S	0,30 10 - [SLER] S	229,91 10 - [SLER] S
1,00	1,57 10 - [SLER] S	24,93 10 - [SLER] S	0,32 10 - [SLER] S	247,25 10 - [SLER] S

“ RELAZIONE DI CALCOLO ”

1,05	1,78 10 - [SLER] S	29,94 10 - [SLER] S	0,35 10 - [SLER] S	265,34 10 - [SLER] S
1,10	2,02 10 - [SLER] S	35,50 10 - [SLER] S	0,37 10 - [SLER] S	284,21 10 - [SLER] S
1,15	2,27 10 - [SLER] S	41,62 10 - [SLER] S	0,40 10 - [SLER] S	303,89 10 - [SLER] S
1,20	2,54 10 - [SLER] S	48,32 10 - [SLER] S	0,42 10 - [SLER] S	324,39 10 - [SLER] S
1,25	2,84 10 - [SLER] S	55,63 10 - [SLER] S	0,45 10 - [SLER] S	345,70 10 - [SLER] S
1,30	3,15 10 - [SLER] S	63,54 10 - [SLER] S	0,48 10 - [SLER] S	367,85 10 - [SLER] S
1,35	3,49 10 - [SLER] S	72,10 10 - [SLER] S	0,51 10 - [SLER] S	390,81 10 - [SLER] S
1,40	3,84 10 - [SLER] S	81,32 10 - [SLER] S	0,54 10 - [SLER] S	414,58 10 - [SLER] S
1,45	4,22 10 - [SLER] S	91,21 10 - [SLER] S	0,57 10 - [SLER] S	439,12 10 - [SLER] S
1,50	4,63 10 - [SLER] S	101,79 10 - [SLER] S	0,61 10 - [SLER] S	464,38 10 - [SLER] S
1,55	5,05 10 - [SLER] S	113,09 10 - [SLER] S	0,64 10 - [SLER] S	490,36 10 - [SLER] S
1,60	5,51 10 - [SLER] S	125,12 10 - [SLER] S	0,68 10 - [SLER] S	517,02 10 - [SLER] S
1,65	5,98 10 - [SLER] S	137,90 10 - [SLER] S	0,71 10 - [SLER] S	544,39 10 - [SLER] S
1,70	6,49 10 - [SLER] S	151,44 10 - [SLER] S	0,75 10 - [SLER] S	572,49 10 - [SLER] S
1,75	7,02 10 - [SLER] S	165,76 10 - [SLER] S	0,79 10 - [SLER] S	601,33 10 - [SLER] S
1,80	7,57 10 - [SLER] S	180,89 10 - [SLER] S	0,83 10 - [SLER] S	630,91 10 - [SLER] S
1,85	8,16 10 - [SLER] S	196,84 10 - [SLER] S	0,87 10 - [SLER] S	661,22 10 - [SLER] S
1,90	8,77 10 - [SLER] S	213,63 10 - [SLER] S	0,91 10 - [SLER] S	692,26 10 - [SLER] S
1,95	9,41 10 - [SLER] S	231,28 10 - [SLER] S	0,95 10 - [SLER] S	724,02 10 - [SLER] S
2,00	10,08 10 - [SLER] S	249,81 10 - [SLER] S	0,99 10 - [SLER] S	756,51 10 - [SLER] S
2,05	10,78 10 - [SLER] S	269,23 10 - [SLER] S	1,03 10 - [SLER] S	789,72 10 - [SLER] S
2,10	11,51 10 - [SLER] S	289,57 10 - [SLER] S	1,08 10 - [SLER] S	823,65 10 - [SLER] S
2,15	12,28 10 - [SLER] S	310,85 10 - [SLER] S	1,12 10 - [SLER] S	858,30 10 - [SLER] S
2,20	13,07 10 - [SLER] S	333,07 10 - [SLER] S	1,17 10 - [SLER] S	893,67 10 - [SLER] S
2,25	13,90 10 - [SLER] S	356,27 10 - [SLER] S	1,22 10 - [SLER] S	929,76 10 - [SLER] S
2,30	14,76 10 - [SLER] S	380,46 10 - [SLER] S	1,27 10 - [SLER] S	966,56 10 - [SLER] S
2,35	15,66 10 - [SLER] S	405,67 10 - [SLER] S	1,31 10 - [SLER] S	1004,08 10 - [SLER] S
2,40	16,59 10 - [SLER] S	431,90 10 - [SLER] S	1,36 10 - [SLER] S	1042,31 10 - [SLER] S
2,45	17,55 10 - [SLER] S	459,17 10 - [SLER] S	1,42 10 - [SLER] S	1081,26 10 - [SLER] S
2,50	18,56 10 - [SLER] S	487,52 10 - [SLER] S	1,47 10 - [SLER] S	1120,91 10 - [SLER] S
2,55	19,60 10 - [SLER] S	516,95 10 - [SLER] S	1,52 10 - [SLER] S	1161,28 10 - [SLER] S
2,60	20,67 10 - [SLER] S	547,48 10 - [SLER] S	1,57 10 - [SLER] S	1202,36 10 - [SLER] S
2,65	21,79 10 - [SLER] S	579,14 10 - [SLER] S	1,63 10 - [SLER] S	1244,14 10 - [SLER] S
2,70	22,94 10 - [SLER] S	611,94 10 - [SLER] S	1,68 10 - [SLER] S	1286,64 10 - [SLER] S
2,75	24,13 10 - [SLER] S	645,91 10 - [SLER] S	1,74 10 - [SLER] S	1329,85 10 - [SLER] S
2,80	25,36 10 - [SLER] S	681,05 10 - [SLER] S	1,80 10 - [SLER] S	1373,76 10 - [SLER] S
2,85	26,63 10 - [SLER] S	717,39 10 - [SLER] S	1,86 10 - [SLER] S	1418,38 10 - [SLER] S
2,90	27,95 10 - [SLER] S	754,95 10 - [SLER] S	1,92 10 - [SLER] S	1463,71 10 - [SLER] S
2,95	29,30 10 - [SLER] S	793,75 10 - [SLER] S	1,98 10 - [SLER] S	1509,75 10 - [SLER] S
3,00	30,70 10 - [SLER] S	833,80 10 - [SLER] S	2,04 10 - [SLER] S	1556,49 10 - [SLER] S
3,05	32,14 10 - [SLER] S	875,13 10 - [SLER] S	2,10 10 - [SLER] S	1603,94 10 - [SLER] S
3,10	33,63 10 - [SLER] S	917,75 10 - [SLER] S	2,16 10 - [SLER] S	1652,09 10 - [SLER] S
3,15	35,15 10 - [SLER] S	961,68 10 - [SLER] S	2,23 10 - [SLER] S	1700,94 10 - [SLER] S
3,20	36,73 10 - [SLER] S	1006,95 10 - [SLER] S	2,29 10 - [SLER] S	1750,45 10 - [SLER] S
3,25	38,35 10 - [SLER] S	1053,56 10 - [SLER] S	2,36 10 - [SLER] S	1800,62 10 - [SLER] S
3,30	40,01 10 - [SLER] S	1101,54 10 - [SLER] S	2,42 10 - [SLER] S	1851,42 10 - [SLER] S
3,35	41,72 10 - [SLER] S	1150,87 10 - [SLER] S	2,49 10 - [SLER] S	1900,84 10 - [SLER] S
3,40	43,48 10 - [SLER] S	1201,55 10 - [SLER] S	2,55 10 - [SLER] S	1950,94 10 - [SLER] S
3,45	45,28 10 - [SLER] S	1253,60 10 - [SLER] S	2,62 10 - [SLER] S	2001,72 10 - [SLER] S

“ RELAZIONE DI CALCOLO ”

3,50	47,13 10 - [SLER] S	1307,03 10 - [SLER] S	2,69 10 - [SLER] S	2053,21 10 - [SLER] S
3,55	49,03 10 - [SLER] S	1361,85 10 - [SLER] S	2,76 10 - [SLER] S	2105,43 10 - [SLER] S
3,60	50,97 10 - [SLER] S	1418,11 10 - [SLER] S	2,83 10 - [SLER] S	2158,38 10 - [SLER] S
3,65	52,97 10 - [SLER] S	1475,80 10 - [SLER] S	2,90 10 - [SLER] S	2212,07 10 - [SLER] S
3,70	55,01 10 - [SLER] S	1534,95 10 - [SLER] S	2,97 10 - [SLER] S	2266,50 10 - [SLER] S
3,75	57,10 10 - [SLER] S	1595,59 10 - [SLER] S	3,04 10 - [SLER] S	2321,67 10 - [SLER] S
3,80	59,25 10 - [SLER] S	1657,72 10 - [SLER] S	3,11 10 - [SLER] S	2377,57 10 - [SLER] S
3,85	61,44 10 - [SLER] S	1721,38 10 - [SLER] S	3,19 10 - [SLER] S	2434,21 10 - [SLER] S
3,90	63,69 10 - [SLER] S	1786,58 10 - [SLER] S	3,26 10 - [SLER] S	2491,59 10 - [SLER] S
3,95	65,99 10 - [SLER] S	1853,34 10 - [SLER] S	3,34 10 - [SLER] S	2549,70 10 - [SLER] S
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4,20	78,30 10 - [SLER] S	2211,23 10 - [SLER] S	3,73 10 - [SLER] S	2851,31 10 - [SLER] S
4,25	60,05 10 - [SLER] S	1368,78 10 - [SLER] S	3,73 10 - [SLER] S	2372,75 10 - [SLER] S
4,30	62,04 10 - [SLER] S	1415,47 10 - [SLER] S	3,81 10 - [SLER] S	2424,29 10 - [SLER] S
4,35	64,07 10 - [SLER] S	1463,18 10 - [SLER] S	3,89 10 - [SLER] S	2476,42 10 - [SLER] S
4,40	66,15 10 - [SLER] S	1511,94 10 - [SLER] S	3,97 10 - [SLER] S	2529,16 10 - [SLER] S
4,45	68,26 10 - [SLER] S	1561,74 10 - [SLER] S	4,06 10 - [SLER] S	2582,49 10 - [SLER] S
4,50	70,43 10 - [SLER] S	1612,60 10 - [SLER] S	4,14 10 - [SLER] S	2636,42 10 - [SLER] S
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4,65	77,18 10 - [SLER] S	1771,64 10 - [SLER] S	4,40 10 - [SLER] S	2799,88 10 - [SLER] S
4,70	79,53 10 - [SLER] S	1826,76 10 - [SLER] S	4,48 10 - [SLER] S	2850,42 10 - [SLER] S
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4,95	91,74 10 - [SLER] S	2114,43 10 - [SLER] S	4,70 10 - [SLER] S	2990,55 10 - [SLER] S
5,00	94,21 10 - [SLER] S	2172,82 10 - [SLER] S	4,64 10 - [SLER] S	2953,37 10 - [SLER] S
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5,20	103,29 10 - [SLER] S	2386,51 10 - [SLER] S	3,56 10 - [SLER] S	2269,41 10 - [SLER] S
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“ RELAZIONE DI CALCOLO ”

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6,45	113,60 10 - [SLER] S	2613,58 10 - [SLER] S	1,48 10 - [SLER] S	943,86 10 - [SLER] S
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6,55	111,99 10 - [SLER] S	2573,54 10 - [SLER] S	1,71 10 - [SLER] S	1087,93 10 - [SLER] S
6,60	111,09 10 - [SLER] S	2551,40 10 - [SLER] S	1,81 10 - [SLER] S	1154,58 10 - [SLER] S
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6,70	109,14 10 - [SLER] S	2503,25 10 - [SLER] S	2,01 10 - [SLER] S	1277,59 10 - [SLER] S
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6,80	106,99 10 - [SLER] S	2450,37 10 - [SLER] S	2,18 10 - [SLER] S	1387,53 10 - [SLER] S
6,85	105,85 10 - [SLER] S	2422,33 10 - [SLER] S	2,26 10 - [SLER] S	1437,82 10 - [SLER] S
6,90	104,66 10 - [SLER] S	2393,28 10 - [SLER] S	2,33 10 - [SLER] S	1485,11 10 - [SLER] S
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8,15	66,58 10 - [SLER] S	1465,63 10 - [SLER] S	3,24 10 - [SLER] S	2059,67 10 - [SLER] S
8,20	64,88 10 - [SLER] S	1424,38 10 - [SLER] S	3,23 10 - [SLER] S	2053,56 10 - [SLER] S
8,25	63,19 10 - [SLER] S	1383,26 10 - [SLER] S	3,21 10 - [SLER] S	2045,10 10 - [SLER] S
8,30	61,50 10 - [SLER] S	1342,32 10 - [SLER] S	3,20 10 - [SLER] S	2034,42 10 - [SLER] S
8,35	59,82 10 - [SLER] S	1301,59 10 - [SLER] S	3,18 10 - [SLER] S	2021,65 10 - [SLER] S

“ RELAZIONE DI CALCOLO ”

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9,20	34,01 10 - [SLER] S	674,91 10 - [SLER] S	2,49 10 - [SLER] S	1587,85 10 - [SLER] S
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9,65	23,28 10 - [SLER] S	415,25 10 - [SLER] S	2,02 10 - [SLER] S	1284,44 10 - [SLER] S
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9,75	21,21 10 - [SLER] S	365,41 10 - [SLER] S	1,91 10 - [SLER] S	1217,27 10 - [SLER] S
9,80	20,22 10 - [SLER] S	341,59 10 - [SLER] S	1,86 10 - [SLER] S	1184,06 10 - [SLER] S
9,85	19,26 10 - [SLER] S	318,50 10 - [SLER] S	1,81 10 - [SLER] S	1151,17 10 - [SLER] S
9,90	18,32 10 - [SLER] S	296,14 10 - [SLER] S	1,76 10 - [SLER] S	1118,65 10 - [SLER] S
9,95	17,41 10 - [SLER] S	274,52 10 - [SLER] S	1,71 10 - [SLER] S	1086,54 10 - [SLER] S
10,00	16,54 10 - [SLER] S	253,63 10 - [SLER] S	1,66 10 - [SLER] S	1054,88 10 - [SLER] S
10,05	15,68 10 - [SLER] S	233,48 10 - [SLER] S	1,61 10 - [SLER] S	1023,72 10 - [SLER] S
10,10	14,86 10 - [SLER] S	214,08 10 - [SLER] S	1,56 10 - [SLER] S	993,10 10 - [SLER] S
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10,20	13,30 10 - [SLER] S	177,51 10 - [SLER] S	1,47 10 - [SLER] S	933,53 10 - [SLER] S
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10,35	11,15 10 - [SLER] S	139,23 10 - [SLER] S	1,33 10 - [SLER] S	848,37 10 - [SLER] S
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10,65	7,61 10 - [SLER] S	98,31 10 - [SLER] S	1,07 10 - [SLER] S	683,27 10 - [SLER] S
10,70	7,12 10 - [SLER] S	92,60 10 - [SLER] S	1,03 10 - [SLER] S	653,42 10 - [SLER] S
10,75	6,66 10 - [SLER] S	87,24 10 - [SLER] S	0,98 10 - [SLER] S	621,97 10 - [SLER] S
10,80	6,24 10 - [SLER] S	82,25 10 - [SLER] S	0,92 10 - [SLER] S	588,72 10 - [SLER] S

“ RELAZIONE DI CALCOLO ”

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10,95	5,18 10 - [SLER] S	69,61 10 - [SLER] S	0,75 10 - [SLER] S	480,58 10 - [SLER] S
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11,15	4,22 10 - [SLER] S	57,85 10 - [SLER] S	0,55 10 - [SLER] S	347,59 10 - [SLER] S
11,20	4,03 10 - [SLER] S	55,55 10 - [SLER] S	0,51 10 - [SLER] S	325,68 10 - [SLER] S
11,25	3,86 10 - [SLER] S	53,41 10 - [SLER] S	0,48 10 - [SLER] S	304,44 10 - [SLER] S
11,30	3,69 10 - [SLER] S	51,41 10 - [SLER] S	0,45 10 - [SLER] S	283,87 10 - [SLER] S
11,35	3,54 10 - [SLER] S	49,56 10 - [SLER] S	0,41 10 - [SLER] S	263,97 10 - [SLER] S
11,40	3,40 10 - [SLER] S	47,85 10 - [SLER] S	0,38 10 - [SLER] S	244,75 10 - [SLER] S
11,45	3,27 10 - [SLER] S	46,27 10 - [SLER] S	0,36 10 - [SLER] S	226,22 10 - [SLER] S
11,50	3,16 10 - [SLER] S	44,83 10 - [SLER] S	0,33 10 - [SLER] S	208,37 10 - [SLER] S
11,55	3,05 10 - [SLER] S	43,51 10 - [SLER] S	0,30 10 - [SLER] S	191,21 10 - [SLER] S
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11,75	2,71 10 - [SLER] S	39,38 10 - [SLER] S	0,20 10 - [SLER] S	129,52 10 - [SLER] S
11,80	2,64 10 - [SLER] S	38,62 10 - [SLER] S	0,18 10 - [SLER] S	115,84 10 - [SLER] S
11,85	2,59 10 - [SLER] S	37,95 10 - [SLER] S	0,16 10 - [SLER] S	102,86 10 - [SLER] S
11,90	2,54 10 - [SLER] S	37,37 10 - [SLER] S	0,14 10 - [SLER] S	90,58 10 - [SLER] S
11,95	2,50 10 - [SLER] S	36,87 10 - [SLER] S	0,12 10 - [SLER] S	79,00 10 - [SLER] S
12,00	2,46 10 - [SLER] S	36,46 10 - [SLER] S	0,11 10 - [SLER] S	68,13 10 - [SLER] S
12,05	2,43 10 - [SLER] S	36,13 10 - [SLER] S	0,09 10 - [SLER] S	57,96 10 - [SLER] S
12,10	2,41 10 - [SLER] S	35,86 10 - [SLER] S	0,08 10 - [SLER] S	48,49 10 - [SLER] S
12,15	2,39 10 - [SLER] S	35,66 10 - [SLER] S	0,06 10 - [SLER] S	39,72 10 - [SLER] S
12,20	2,38 10 - [SLER] S	35,53 10 - [SLER] S	0,05 10 - [SLER] S	31,66 10 - [SLER] S
12,25	2,37 10 - [SLER] S	35,45 10 - [SLER] S	0,04 10 - [SLER] S	24,30 10 - [SLER] S
12,30	2,37 10 - [SLER] S	35,42 10 - [SLER] S	0,03 10 - [SLER] S	17,65 10 - [SLER] S
12,35	2,36 10 - [SLER] S	35,44 10 - [SLER] S	0,02 10 - [SLER] S	11,70 10 - [SLER] S
12,40	2,37 10 - [SLER] S	35,50 10 - [SLER] S	0,01 10 - [SLER] S	6,46 10 - [SLER] S
12,45	2,37 10 - [SLER] S	35,60 10 - [SLER] S	0,00 10 - [SLER] S	1,92 10 - [SLER] S

“ RELAZIONE DI CALCOLO ”

Verifica a SLU * Diagrammi M-N delle sezioni

Di seguito sono riportati per ogni tratto di armatura i diagrammi di interazione M_u-N_u della sezione; sono stati calcolati 16 punti per ogni sezione analizzata.

Per la costruzione dei diagrammi limiti si sono assunti i seguenti valori:

Tensione caratteristica cubica del cls	$R_{bk} = 306 \text{ [kg/cm}^2\text{]}$
Tensione caratteristica cilindrica del cls ($0.83 \times R_{bk}$)	$R_{ck} = 254 \text{ (Kg/cm}^2\text{)}$
Fattore di riduzione per carico di lunga permanenza	$\psi = 0.85$
Tensione caratteristica di snervamento dell'acciaio	$f_{yk} = 4589 \text{ [kg/cm}^2\text{]}$
Coefficiente di sicurezza cls	$\gamma_c = 1.50$
Coefficiente di sicurezza acciaio	$\gamma_s = 1.15$
Resistenza di calcolo del cls (R_{ck}/γ_c)	$R^*_c = 144 \text{ (Kg/cm}^2\text{)}$
Resistenza di calcolo dell'acciaio (f_{yk}/γ_s)	$R^*_s = 3990 \text{ (Kg/cm}^2\text{)}$
Modulo elastico dell'acciaio	$E_s = 2100000 \text{ (Kg/cm}^2\text{)}$
Deformazione ultima del calcestruzzo	$\epsilon_{cu} = 0.0035 (0.35\%)$
Deformazione del calcestruzzo al limite elastoplastico	$\epsilon_{ck} = 0.0020 (0.20\%)$
Deformazione ultima dell'acciaio	$\epsilon_{yu} = 0.0100 (1.00\%)$
Deformazione dell'acciaio al limite elastico (R^*_s/E_s)	$\epsilon_{yk} = 0.0015 (0.19\%)$

Legame costitutivo del calcestruzzo

Per il legame costitutivo del calcestruzzo si assume il diagramma parabola-rettangolo espresso dalle seguenti relazioni:

Tratto parabolico: $0 \leq \epsilon_c \leq \epsilon_{ck}$

$$R^*_c (2\epsilon_c \epsilon_{ck} - \epsilon_c^2)$$

$$\sigma_c = \frac{R^*_c (2\epsilon_c \epsilon_{ck} - \epsilon_c^2)}{\epsilon_{ck}^2}$$

$$\epsilon_{ck}^2$$

Tratto rettangolare: $\epsilon_{ck} < \epsilon_c \leq \epsilon_{cu}$

$$\sigma_c = R^*_c$$

Legame costitutivo dell'acciaio

Per l'acciaio si assume un comportamento elastico-perfettamente plastico espresso dalle seguenti relazioni:

$$\sigma_s = E_s \epsilon_s \quad \text{per } 0 \leq \epsilon_s \leq \epsilon_{sy}$$

$$\sigma_s = R^*_s \quad \text{per } \epsilon_{sy} < \epsilon_s \leq \epsilon_{su}$$

Tratto armatura 1

Nr	N_u	M_u
1	-131997,39	0,00
2	0,00	28925,95
3	60992,74	37233,66
4	91489,11	40119,33
5	121985,48	42179,33
6	152481,84	43336,78
7	182978,21	43570,69
8	213474,58	42795,70
9	243970,95	41007,14
10	274467,32	38888,06

“ RELAZIONE DI CALCOLO ”

11	304963,69	36328,31
12	335460,06	33343,03
13	365956,43	29865,28
14	396452,80	25792,44
15	426949,17	21046,73
16	457445,53	0,00
17	457445,53	0,00
18	426949,17	-21046,73
19	396452,80	-25792,44
20	365956,43	-29865,28
21	335460,06	-33343,03
22	304963,69	-36328,31
23	274467,32	-38888,06
24	243970,95	-41007,14
25	213474,58	-42795,70
26	182978,21	-43570,69
27	152481,84	-43336,78
28	121985,48	-42179,33
29	91489,11	-40119,33
30	60992,74	-37233,66
31	0,00	-28925,95
32	-131997,39	0,00

Tratto armatura 2

Nr	N_u	M_u
1	-234662,02	0,00
2	0,00	47252,94
3	74681,36	54727,11
4	112022,03	56947,20
5	149362,71	58039,43
6	186703,39	57927,25
7	224044,07	56566,71
8	261384,75	53844,98
9	298725,42	50825,12
10	336066,10	47374,74
11	373406,78	43532,44
12	410747,46	39253,96
13	448088,14	34457,35
14	485428,81	28857,95
15	522769,49	22667,16
16	560110,17	0,00
17	560110,17	0,00
18	522769,49	-22667,16
19	485428,81	-28857,95
20	448088,14	-34457,35
21	410747,46	-39253,96
22	373406,78	-43532,44
23	336066,10	-47374,74
24	298725,42	-50825,12

“ RELAZIONE DI CALCOLO ”

25	261384,75	-53844,98
26	224044,07	-56566,71
27	186703,39	-57927,25
28	149362,71	-58039,43
29	112022,03	-56947,20
30	74681,36	-54727,11
31	0,00	-47252,94
32	-234662,02	0,00

Verifica sezione cordoli

Simbologia adottata

M_h	momento flettente espresso in [kgm] nel piano orizzontale
T_h	taglio espresso in [kg] nel piano orizzontale
M_v	momento flettente espresso in [kgm] nel piano verticale
T_v	taglio espresso in [kg] nel piano verticale

Cordolo N° 1 (X=0,00 m) (Cordolo in c.a.)

$B=150,00$ [cm]	$H=50,00$ [cm]		
$A_{fv}=10,18$ [cmq]	$A_{fh}=16,08$ [cmq]	Staffe 10/25	$N_{bh}=2 - N_{bv}=4$
$M_h=14029$ [kgm]	$M_{uh}=18426$ [kgm]	$FS=1.31$	
$T_h=28057$ [kg]	$T_{Rh}=87361$ [kg]	$FS_T=3.11$	
$M_v=938$ [kgm]	$M_{uv}=28868$ [kgm]	$FS=30.79$	
$T_v=1875$ [kg]	$T_R=73190$ [kg]	$FS_{Tv}=39.03$	

“ RELAZIONE DI CALCOLO ”

Dichiarazioni secondo N.T.C. 2008 (punto 10.2)

Analisi e verifiche svolte con l'ausilio di codici di calcolo

Il sottoscritto ing. MARCO BRAVI, in qualità di calcolatore delle opere in progetto, dichiara quanto segue.

Tipo di analisi svolta

L'analisi strutturale e le verifiche sono condotte con l'ausilio di un codice di calcolo automatico. La verifica della sicurezza degli elementi strutturali è stata valutata con i metodi della scienza delle costruzioni. L'analisi strutturale è condotta con l'analisi statica non-lineare, utilizzando il metodo degli spostamenti per la valutazione dello stato limite indotto dai carichi statici. L'analisi strutturale sotto le azioni sismiche è condotta con il metodo dell'analisi statica equivalente secondo le disposizioni del capitolo 7 del DM 14/01/2008.

L'analisi strutturale viene effettuata con il metodo degli elementi finiti, schematizzando la struttura in elementi lineari e nodi. Le incognite del problema sono le componenti di spostamento in corrispondenza di ogni nodo (2 spostamenti e 1 rotazioni).

La verifica delle sezioni degli elementi strutturali è eseguita con il metodo degli Stati Limite. Le combinazioni di carico adottate sono esaustive relativamente agli scenari di carico più gravosi cui l'opera sarà soggetta.

Origine e caratteristiche dei codici di calcolo

Titolo	PAC - Analisi e Calcolo Paratie
Versione	10.0
Produttore	Aztec Informatica srl, Casole Bruzio (CS)
Licenza	AIU3503UF

Affidabilità dei codici di calcolo

Un attento esame preliminare della documentazione a corredo del software ha consentito di valutarne l'affidabilità. La documentazione fornita dal produttore del software contiene un'esauriente descrizione delle basi teoriche, degli algoritmi impiegati e l'individuazione dei campi d'impiego. La società produttrice Aztec Informatica srl 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.

Modalità di presentazione dei risultati

La relazione di calcolo strutturale presenta i dati di calcolo tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità. La relazione di calcolo illustra in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare.

Informazioni generali sull'elaborazione

Il software prevede una serie di controlli automatici che consentono l'individuazione di errori di modellazione, di non rispetto di limitazioni geometriche e di armatura e di presenza di elementi non verificati. Il codice di calcolo consente di visualizzare e controllare, sia in forma grafica che tabellare, i dati del modello strutturale, in modo da avere una visione consapevole del comportamento corretto del modello strutturale.

Giudizio motivato di accettabilità dei risultati

I risultati delle elaborazioni sono stati sottoposti a controlli dal sottoscritto utente del software. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali. 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.

In base a quanto sopra, io sottoscritto asserisco che l'elaborazione è corretta ed idonea al caso specifico, pertanto i risultati di calcolo sono da ritenersi validi ed accettabili.

“ RELAZIONE DI CALCOLO ”

● **MODELLAZIONE PARAMENTO MURARIO TIRANTATO**

CARICHI PER ELEMENTI BIDIMENSIONALI

Carico di superficie nella direzione locale y, agente sulla superficie reale

Descrizione	Codice	Cond. carico	Tipo Azione/categoria	Valore	Aliq.inerziale	Aliq.inerz.SLD
Permanente	1	Condizione 1	Permanente: Permanente portato	-986.000000	1.0000	1.0000
vert sisma	3	Condizione 2	Nessuna	-100.000000	1.0000	1.0000

Carico di superficie nella direzione locale z, agente sulla superficie reale

Descrizione	Codice	Cond. carico	Tipo Azione/categoria	Valore	Aliq.inerziale	Aliq.inerz.SLD
Permanente	2	Condizione 1	Permanente: Permanente portato	-3293.000000	1.0000	1.0000
Orizz	4	Condizione 2	Nessuna	-335.000000	1.0000	1.0000

LISTA MATERIALI UTILIZZATI

Codice	Descrizione	Mod. elast.	Coef. Poisson	Peso unit.	Dil. term.	Aliq. inerz.	Rigid. taglio	Rigid. fless.
1	Muratura	+1.50e+008	0.250	1800.00000	+0.00e+000	1.000	+1.00e+000	+1.00e+000

GRUPPI ELEMENTO FINITO PIASTRA

GRUPPO NUMERO: 1 DESCRIZIONE: PARAMENTO MURARIO

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
1	2	53	54	55	0.80	1
2	26	56	57	58	0.80	1
3	3	59	60	61	0.80	1
4	40	62	63	64	0.80	1
5	4	65	66	67	0.80	1
6	41	68	69	70	0.80	1
7	42	74	75	76	0.80	1
8	46	80	81	82	0.80	1
9	45	83	84	85	0.80	1
10	48	86	87	88	0.80	1
11	1	95	96	97	0.80	1
5 12	25	98	99	100	0.80	1
13	47	101	102	103	0.80	1
14	44	110	111	112	0.80	1
15	49	116	117	118	0.80	1
16	51	122	123	124	0.80	1
17	52	125	126	127	0.55	1
18	50	128	129	130	0.55	1
19	20	131	132	133	0.55	1
20	23	134	135	136	0.55	1
21	14	137	138	139	0.55	1
22	15	140	141	142	0.55	1
23	16	143	144	145	0.55	1
24	17	146	147	148	0.55	1
25	18	149	150	151	0.55	1
26	22	152	153	154	0.55	1
27	21	155	156	157	0.55	1
28	24	158	159	160	0.55	1
29	161	162	163	164	0.80	1
30	165	166	167	168	0.80	1
31	169	170	171	172	0.80	1
32	173	174	175	176	0.80	1
33	55	54	177	178	0.80	1
34	176	175	179	180	0.80	1
35	53	173	176	54	0.80	1
36	181	182	183	184	0.80	1
37	58	57	140	15	0.80	1
38	184	183	185	186	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
39	187	188	189	190	0.80	1
40	56	187	190	57	0.80	1
41	191	192	193	194	0.80	1
42	195	196	197	198	0.80	1
43	199	200	201	202	0.80	1
44	203	204	205	206	0.80	1
45	61	60	207	208	0.80	1
46	206	205	209	210	0.80	1
47	59	203	206	60	0.80	1
48	211	212	213	214	0.80	1
49	64	63	143	16	0.80	1
50	214	213	215	216	0.80	1
51	217	218	219	220	0.80	1
52	62	217	220	63	0.80	1
53	221	222	223	224	0.80	1
54	225	226	227	228	0.80	1
55	229	230	231	232	0.80	1
56	233	234	235	236	0.80	1
57	67	66	237	238	0.80	1
58	236	235	239	240	0.80	1
59	65	233	236	66	0.80	1
60	241	242	243	244	0.80	1
61	70	69	146	17	0.80	1
62	244	243	245	246	0.80	1
63	247	248	249	250	0.80	1
64	68	247	250	69	0.80	1
65	266	267	268	269	0.80	1
66	76	75	149	18	0.80	1
67	269	268	270	271	0.80	1
68	74	266	269	75	0.80	1
69	287	288	289	290	0.80	1
70	82	81	152	22	0.80	1
71	290	289	291	292	0.80	1
72	80	287	290	81	0.80	1
73	293	294	295	296	0.80	1
74	85	84	155	21	0.80	1
75	296	295	297	298	0.80	1
76	83	293	296	84	0.80	1
77	299	300	301	302	0.80	1
78	88	87	158	24	0.80	1
79	302	301	303	304	0.80	1
80	86	299	302	87	0.80	1
81	335	336	337	338	0.80	1
82	339	340	341	342	0.80	1
83	343	344	345	346	0.80	1
84	347	348	349	350	0.80	1
85	97	96	351	352	0.80	1
86	350	349	353	354	0.80	1
87	95	347	350	96	0.80	1
88	355	356	357	358	0.80	1
89	100	99	137	14	0.80	1
90	358	357	359	360	0.80	1
91	361	362	363	364	0.80	1
92	98	361	364	99	0.80	1
93	365	366	367	368	0.80	1
94	103	102	134	23	0.80	1
95	368	367	369	370	0.80	1
96	101	365	368	102	0.80	1
97	401	402	403	404	0.80	1
98	112	111	131	20	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
99	404	403	405	406	0.80	1
100	110	401	404	111	0.80	1
101	422	423	424	425	0.80	1
102	118	117	128	50	0.80	1
103	425	424	426	427	0.80	1
104	116	422	425	117	0.80	1
105	443	444	445	446	0.80	1
106	124	123	125	52	0.80	1
107	446	445	447	448	0.80	1
108	122	443	446	123	0.80	1
109	448	447	449	450	0.55	1
110	127	126	451	452	0.55	1
111	450	449	453	454	0.55	1
112	125	448	450	126	0.55	1
113	427	426	455	456	0.55	1
114	130	129	457	458	0.55	1
115	456	455	459	460	0.55	1
116	128	427	456	129	0.55	1
117	406	405	461	462	0.55	1
118	133	132	463	464	0.55	1
119	462	461	465	466	0.55	1
120	131	406	462	132	0.55	1
121	370	369	467	468	0.55	1
122	136	135	469	470	0.55	1
123	468	467	471	472	0.55	1
124	134	370	468	135	0.55	1
125	360	359	473	474	0.55	1
126	139	138	475	476	0.55	1
127	474	473	477	478	0.55	1
128	479	480	481	482	0.55	1
129	137	479	482	138	0.55	1
130	186	185	483	484	0.55	1
131	142	141	485	486	0.55	1
132	484	483	487	488	0.55	1
133	489	490	491	492	0.55	1
134	140	489	492	141	0.55	1
135	216	215	493	494	0.55	1
136	145	144	495	496	0.55	1
137	494	493	497	498	0.55	1
138	499	500	501	502	0.55	1
139	143	499	502	144	0.55	1
140	246	245	503	504	0.55	1
141	148	147	505	506	0.55	1
142	504	503	507	508	0.55	1
143	509	510	511	512	0.55	1
144	146	509	512	147	0.55	1
145	271	270	513	514	0.55	1
146	151	150	515	516	0.55	1
147	514	513	517	518	0.55	1
148	149	271	514	150	0.55	1
149	292	291	519	520	0.55	1
150	154	153	521	522	0.55	1
151	520	519	523	524	0.55	1
152	152	292	520	153	0.55	1
153	298	297	525	526	0.55	1
154	157	156	527	528	0.55	1
155	526	525	529	530	0.55	1
156	155	298	526	156	0.55	1
157	304	303	531	532	0.55	1
158	160	159	533	534	0.55	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
159	532	531	535	536	0.55	1
160	158	304	532	159	0.55	1
161	537	538	539	540	0.80	1
162	164	163	541	542	0.80	1
163	540	539	543	544	0.80	1
164	162	537	540	163	0.80	1
165	545	546	547	548	0.80	1
166	168	167	549	550	0.80	1
167	548	547	551	552	0.80	1
168	166	545	548	167	0.80	1
169	553	554	555	556	0.80	1
170	172	171	557	558	0.80	1
171	556	555	559	560	0.80	1
172	170	553	556	171	0.80	1
173	174	561	562	175	0.80	1
174	54	176	180	177	0.80	1
175	178	177	166	165	0.80	1
176	177	180	545	166	0.80	1
177	175	562	563	179	0.80	1
178	180	179	546	545	0.80	1
179	179	563	564	546	0.80	1
180	565	566	567	568	0.80	1
181	182	565	568	183	0.80	1
182	190	189	490	489	0.80	1
183	57	190	489	140	0.80	1
184	568	567	569	570	0.80	1
185	183	568	570	185	0.80	1
186	188	571	572	189	0.80	1
187	573	574	575	576	0.80	1
188	194	193	577	578	0.80	1
189	576	575	579	580	0.80	1
190	192	573	576	193	0.80	1
191	581	582	583	584	0.80	1
192	198	197	585	586	0.80	1
193	584	583	587	588	0.80	1
194	196	581	584	197	0.80	1
195	589	590	591	592	0.80	1
196	202	201	593	594	0.80	1
197	592	591	595	596	0.80	1
198	200	589	592	201	0.80	1
199	204	597	598	205	0.80	1
200	60	206	210	207	0.80	1
201	208	207	196	195	0.80	1
202	207	210	581	196	0.80	1
203	205	598	599	209	0.80	1
204	210	209	582	581	0.80	1
205	209	599	600	582	0.80	1
206	601	602	603	604	0.80	1
207	212	601	604	213	0.80	1
208	220	219	500	499	0.80	1
209	63	220	499	143	0.80	1
210	604	603	605	606	0.80	1
211	213	604	606	215	0.80	1
212	218	607	608	219	0.80	1
213	609	610	611	612	0.80	1
214	224	223	613	614	0.80	1
215	612	611	615	616	0.80	1
216	222	609	612	223	0.80	1
217	617	618	619	620	0.80	1
218	228	227	621	622	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
219	620	619	623	624	0.80	1
220	226	617	620	227	0.80	1
221	625	626	627	628	0.80	1
222	232	231	629	630	0.80	1
223	628	627	631	632	0.80	1
224	230	625	628	231	0.80	1
225	234	633	634	235	0.80	1
226	66	236	240	237	0.80	1
227	238	237	226	225	0.80	1
228	237	240	617	226	0.80	1
229	235	634	635	239	0.80	1
230	240	239	618	617	0.80	1
231	239	635	636	618	0.80	1
232	637	638	639	640	0.80	1
233	242	637	640	243	0.80	1
234	250	249	510	509	0.80	1
235	69	250	509	146	0.80	1
236	640	639	641	642	0.80	1
237	243	640	642	245	0.80	1
238	248	643	644	249	0.80	1
239	267	46	82	268	0.80	1
240	75	269	271	149	0.80	1
241	268	82	22	270	0.80	1
242	288	45	85	289	0.80	1
243	81	290	292	152	0.80	1
244	289	85	21	291	0.80	1
245	294	48	88	295	0.80	1
246	84	296	298	155	0.80	1
247	295	88	24	297	0.80	1
248	300	43	656	301	0.80	1
249	87	302	304	158	0.80	1
250	301	656	19	303	0.80	1
251	671	672	673	674	0.80	1
252	338	337	675	676	0.80	1
253	674	673	677	678	0.80	1
254	336	671	674	337	0.80	1
255	679	680	681	682	0.80	1
256	342	341	683	684	0.80	1
257	682	681	685	686	0.80	1
258	340	679	682	341	0.80	1
259	687	688	689	690	0.80	1
260	346	345	691	692	0.80	1
261	690	689	693	694	0.80	1
262	344	687	690	345	0.80	1
263	348	695	696	349	0.80	1
264	96	350	354	351	0.80	1
265	352	351	340	339	0.80	1
266	351	354	679	340	0.80	1
267	349	696	697	353	0.80	1
268	354	353	680	679	0.80	1
269	353	697	698	680	0.80	1
270	699	700	701	702	0.80	1
271	356	699	702	357	0.80	1
272	364	363	480	479	0.80	1
273	99	364	479	137	0.80	1
274	702	701	703	704	0.80	1
275	357	702	704	359	0.80	1
276	362	705	706	363	0.80	1
277	366	25	100	367	0.80	1
278	102	368	370	134	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
279	367	100	14	369	0.80	1
280	402	47	103	403	0.80	1
281	111	404	406	131	0.80	1
282	403	103	23	405	0.80	1
283	423	44	112	424	0.80	1
284	117	425	427	128	0.80	1
285	424	112	20	426	0.80	1
286	444	49	118	445	0.80	1
287	123	446	448	125	0.80	1
288	445	118	50	447	0.80	1
289	447	50	130	449	0.55	1
290	126	450	454	451	0.55	1
291	452	451	727	33	0.55	1
292	451	454	728	727	0.55	1
293	449	130	458	453	0.55	1
294	454	453	729	728	0.55	1
295	453	458	38	729	0.55	1
296	426	20	133	455	0.55	1
297	129	456	460	457	0.55	1
298	458	457	730	38	0.55	1
299	457	460	731	730	0.55	1
300	455	133	464	459	0.55	1
301	460	459	732	731	0.55	1
302	459	464	34	732	0.55	1
303	405	23	136	461	0.55	1
304	132	462	466	463	0.55	1
305	464	463	733	34	0.55	1
306	463	466	734	733	0.55	1
307	461	136	470	465	0.55	1
308	466	465	735	734	0.55	1
309	465	470	37	735	0.55	1
310	369	14	139	467	0.55	1
311	135	468	472	469	0.55	1
312	470	469	736	37	0.55	1
313	469	472	737	736	0.55	1
314	467	139	476	471	0.55	1
315	472	471	738	737	0.55	1
316	471	476	27	738	0.55	1
317	704	703	739	740	0.55	1
318	359	704	740	473	0.55	1
319	482	481	741	742	0.55	1
320	476	475	743	27	0.55	1
321	742	741	744	745	0.55	1
322	138	482	742	475	0.55	1
323	740	739	746	747	0.55	1
324	478	477	748	749	0.55	1
325	747	746	750	751	0.55	1
326	473	740	747	477	0.55	1
327	480	752	753	481	0.55	1
328	570	569	754	755	0.55	1
329	185	570	755	483	0.55	1
330	492	491	756	757	0.55	1
331	486	485	758	28	0.55	1
332	757	756	759	760	0.55	1
333	141	492	757	485	0.55	1
334	755	754	761	762	0.55	1
335	488	487	763	764	0.55	1
336	762	761	765	766	0.55	1
337	483	755	762	487	0.55	1
338	490	767	768	491	0.55	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
339	606	605	769	770	0.55	1
340	215	606	770	493	0.55	1
341	502	501	771	772	0.55	1
342	496	495	773	29	0.55	1
343	772	771	774	775	0.55	1
344	144	502	772	495	0.55	1
345	770	769	776	777	0.55	1
346	498	497	778	779	0.55	1
347	777	776	780	781	0.55	1
348	493	770	777	497	0.55	1
349	500	782	783	501	0.55	1
350	642	641	784	785	0.55	1
351	245	642	785	503	0.55	1
352	512	511	786	787	0.55	1
353	506	505	788	30	0.55	1
354	787	786	789	790	0.55	1
355	147	512	787	505	0.55	1
356	785	784	791	792	0.55	1
357	508	507	793	794	0.55	1
358	792	791	795	796	0.55	1
359	503	785	792	507	0.55	1
360	510	797	798	511	0.55	1
361	270	22	154	513	0.55	1
362	150	514	518	515	0.55	1
363	516	515	799	31	0.55	1
364	515	518	800	799	0.55	1
365	513	154	522	517	0.55	1
366	518	517	801	800	0.55	1
367	517	522	36	801	0.55	1
368	291	21	157	519	0.55	1
369	153	520	524	521	0.55	1
370	522	521	802	36	0.55	1
371	521	524	803	802	0.55	1
372	519	157	528	523	0.55	1
373	524	523	804	803	0.55	1
374	523	528	35	804	0.55	1
375	297	24	160	525	0.55	1
376	156	526	530	527	0.55	1
377	528	527	805	35	0.55	1
378	527	530	806	805	0.55	1
379	525	160	534	529	0.55	1
380	530	529	807	806	0.55	1
381	529	534	39	807	0.55	1
382	303	19	808	531	0.55	1
383	159	532	536	533	0.55	1
384	534	533	809	39	0.55	1
385	533	536	810	809	0.55	1
386	531	808	811	535	0.55	1
387	536	535	812	810	0.55	1
388	535	811	32	812	0.55	1
389	538	813	814	539	0.80	1
390	163	540	544	541	0.80	1
391	542	541	170	169	0.80	1
392	541	544	553	170	0.80	1
393	539	814	815	543	0.80	1
394	544	543	554	553	0.80	1
395	543	815	816	554	0.80	1
396	546	564	817	547	0.80	1
397	167	548	552	549	0.80	1
398	550	549	56	26	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
399	549	552	187	56	0.80	1
400	547	817	818	551	0.80	1
401	552	551	188	187	0.80	1
402	551	818	571	188	0.80	1
403	554	816	819	555	0.80	1
404	171	556	560	557	0.80	1
405	558	557	182	181	0.80	1
406	557	560	565	182	0.80	1
407	555	819	820	559	0.80	1
408	560	559	566	565	0.80	1
409	559	820	821	566	0.80	1
410	561	161	164	562	0.80	1
411	562	164	542	563	0.80	1
412	563	542	169	564	0.80	1
413	566	821	822	567	0.80	1
414	189	572	767	490	0.80	1
415	567	822	823	569	0.80	1
416	571	181	184	572	0.80	1
417	574	824	825	575	0.80	1
418	193	576	580	577	0.80	1
419	578	577	200	199	0.80	1
420	577	580	589	200	0.80	1
421	575	825	826	579	0.80	1
422	580	579	590	589	0.80	1
423	579	826	827	590	0.80	1
424	582	600	828	583	0.80	1
425	197	584	588	585	0.80	1
426	586	585	62	40	0.80	1
427	585	588	217	62	0.80	1
428	583	828	829	587	0.80	1
429	588	587	218	217	0.80	1
430	587	829	607	218	0.80	1
431	590	827	830	591	0.80	1
432	201	592	596	593	0.80	1
433	594	593	212	211	0.80	1
434	593	596	601	212	0.80	1
435	591	830	831	595	0.80	1
436	596	595	602	601	0.80	1
437	595	831	832	602	0.80	1
438	597	191	194	598	0.80	1
439	598	194	578	599	0.80	1
440	599	578	199	600	0.80	1
441	602	832	833	603	0.80	1
442	219	608	782	500	0.80	1
443	603	833	834	605	0.80	1
444	607	211	214	608	0.80	1
445	610	835	836	611	0.80	1
446	223	612	616	613	0.80	1
447	614	613	230	229	0.80	1
448	613	616	625	230	0.80	1
449	611	836	837	615	0.80	1
450	616	615	626	625	0.80	1
451	615	837	838	626	0.80	1
452	618	636	839	619	0.80	1
453	227	620	624	621	0.80	1
454	622	621	68	41	0.80	1
455	621	624	247	68	0.80	1
456	619	839	840	623	0.80	1
457	624	623	248	247	0.80	1
458	623	840	643	248	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
459	626	838	841	627	0.80	1
460	231	628	632	629	0.80	1
461	630	629	242	241	0.80	1
462	629	632	637	242	0.80	1
463	627	841	842	631	0.80	1
464	632	631	638	637	0.80	1
465	631	842	843	638	0.80	1
466	633	221	224	634	0.80	1
467	634	224	614	635	0.80	1
468	635	614	229	636	0.80	1
469	638	843	844	639	0.80	1
470	249	644	797	510	0.80	1
471	639	844	845	641	0.80	1
472	643	241	244	644	0.80	1
473	672	846	847	673	0.80	1
474	337	674	678	675	0.80	1
475	676	675	344	343	0.80	1
476	675	678	687	344	0.80	1
477	673	847	848	677	0.80	1
478	678	677	688	687	0.80	1
479	677	848	849	688	0.80	1
480	680	698	850	681	0.80	1
481	341	682	686	683	0.80	1
482	684	683	98	25	0.80	1
483	683	686	361	98	0.80	1
484	681	850	851	685	0.80	1
485	686	685	362	361	0.80	1
486	685	851	705	362	0.80	1
487	688	849	852	689	0.80	1
488	345	690	694	691	0.80	1
489	692	691	356	355	0.80	1
490	691	694	699	356	0.80	1
491	689	852	853	693	0.80	1
492	694	693	700	699	0.80	1
493	693	853	854	700	0.80	1
494	695	335	338	696	0.80	1
495	696	338	676	697	0.80	1
496	697	676	343	698	0.80	1
497	700	854	855	701	0.80	1
498	363	706	752	480	0.80	1
499	701	855	856	703	0.80	1
500	705	355	358	706	0.80	1
501	703	856	857	739	0.55	1
502	481	753	858	741	0.55	1
503	475	742	745	743	0.55	1
504	741	858	859	744	0.55	1
505	739	857	860	746	0.55	1
506	477	747	751	748	0.55	1
507	746	860	861	750	0.55	1
508	752	360	474	753	0.55	1
509	569	823	862	754	0.55	1
510	491	768	863	756	0.55	1
511	485	757	760	758	0.55	1
512	756	863	864	759	0.55	1
513	754	862	865	761	0.55	1
514	487	762	766	763	0.55	1
515	761	865	866	765	0.55	1
516	767	186	484	768	0.55	1
517	605	834	867	769	0.55	1
518	501	783	868	771	0.55	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
519	495	772	775	773	0.55	1
520	771	868	869	774	0.55	1
521	769	867	870	776	0.55	1
522	497	777	781	778	0.55	1
523	776	870	871	780	0.55	1
524	782	216	494	783	0.55	1
525	641	845	872	784	0.55	1
526	511	798	873	786	0.55	1
527	505	787	790	788	0.55	1
528	786	873	874	789	0.55	1
529	784	872	875	791	0.55	1
530	507	792	796	793	0.55	1
531	791	875	876	795	0.55	1
532	797	246	504	798	0.55	1
533	813	3	61	814	0.80	1
534	814	61	208	815	0.80	1
535	815	208	195	816	0.80	1
536	564	169	172	817	0.80	1
537	817	172	558	818	0.80	1
538	818	558	181	571	0.80	1
539	816	195	198	819	0.80	1
540	819	198	586	820	0.80	1
541	820	586	40	821	0.80	1
542	821	40	64	822	0.80	1
543	572	184	186	767	0.80	1
544	822	64	16	823	0.80	1
545	824	4	67	825	0.80	1
546	825	67	238	826	0.80	1
547	826	238	225	827	0.80	1
548	600	199	202	828	0.80	1
549	828	202	594	829	0.80	1
550	829	594	211	607	0.80	1
551	827	225	228	830	0.80	1
552	830	228	622	831	0.80	1
553	831	622	41	832	0.80	1
554	832	41	70	833	0.80	1
555	608	214	216	782	0.80	1
556	833	70	17	834	0.80	1
557	835	5	73	836	0.80	1
558	836	73	264	837	0.80	1
559	837	264	255	838	0.80	1
560	636	229	232	839	0.80	1
561	839	232	630	840	0.80	1
562	840	630	241	643	0.80	1
563	838	255	258	841	0.80	1
564	841	258	647	842	0.80	1
565	842	647	42	843	0.80	1
566	843	42	76	844	0.80	1
567	644	244	246	797	0.80	1
568	844	76	18	845	0.80	1
569	846	2	55	847	0.80	1
570	847	55	178	848	0.80	1
571	848	178	165	849	0.80	1
572	698	343	346	850	0.80	1
573	850	346	692	851	0.80	1
574	851	692	355	705	0.80	1
575	849	165	168	852	0.80	1
576	852	168	550	853	0.80	1
577	853	550	26	854	0.80	1
578	854	26	58	855	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
579	706	358	360	752	0.80	1
580	855	58	15	856	0.80	1
581	856	15	142	857	0.55	1
582	753	474	478	858	0.55	1
583	858	478	749	859	0.55	1
584	857	142	486	860	0.55	1
585	860	486	28	861	0.55	1
586	823	16	145	862	0.55	1
587	768	484	488	863	0.55	1
588	863	488	764	864	0.55	1
589	862	145	496	865	0.55	1
590	865	496	29	866	0.55	1
591	834	17	148	867	0.55	1
592	783	494	498	868	0.55	1
593	868	498	779	869	0.55	1
594	867	148	506	870	0.55	1
595	870	506	30	871	0.55	1
596	845	18	151	872	0.55	1
597	798	504	508	873	0.55	1
598	873	508	794	874	0.55	1
599	872	151	516	875	0.55	1
600	875	516	31	876	0.55	1
601	43	300	8	7	0.80	1
602	300	299	11	8	0.80	1
603	299	86	12	11	0.80	1
604	86	48	251	12	0.80	1
605	7	8	89	79	0.80	1
606	8	11	90	89	0.80	1
607	11	12	91	90	0.80	1
608	12	251	256	91	0.80	1
609	79	89	93	92	0.80	1
610	89	90	94	93	0.80	1
611	90	91	104	94	0.80	1
612	91	256	261	104	0.80	1
613	92	93	106	105	0.80	1
614	93	94	107	106	0.80	1
615	94	104	108	107	0.80	1
616	104	261	272	108	0.80	1
617	105	106	114	109	0.80	1
618	106	107	119	114	0.80	1
619	107	108	121	119	0.80	1
620	108	272	276	121	0.80	1
621	109	114	113	78	0.80	1
622	114	119	115	113	0.80	1
623	119	121	120	115	0.80	1
624	48	294	252	251	0.80	1
625	294	293	253	252	0.80	1
626	293	83	254	253	0.80	1
627	83	45	283	254	0.80	1
628	251	252	257	256	0.80	1
629	252	253	259	257	0.80	1
630	253	254	260	259	0.80	1
631	254	283	305	260	0.80	1
632	256	257	262	261	0.80	1
633	257	259	263	262	0.80	1
634	259	260	265	263	0.80	1
635	260	305	309	265	0.80	1
636	261	262	273	272	0.80	1
637	262	263	274	273	0.80	1
638	263	265	275	274	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
639	265	309	313	275	0.80	1
640	272	273	278	276	0.80	1
641	273	274	280	278	0.80	1
642	274	275	282	280	0.80	1
643	275	313	317	282	0.80	1
644	276	278	277	10	0.80	1
645	278	280	279	277	0.80	1
646	280	282	281	279	0.80	1
647	45	288	284	283	0.80	1
648	288	287	285	284	0.80	1
649	287	80	286	285	0.80	1
650	80	46	324	286	0.80	1
651	283	284	306	305	0.80	1
652	284	285	307	306	0.80	1
653	285	286	308	307	0.80	1
654	286	324	328	308	0.80	1
655	305	306	310	309	0.80	1
656	306	307	311	310	0.80	1
657	307	308	312	311	0.80	1
658	308	328	332	312	0.80	1
659	309	310	314	313	0.80	1
660	310	311	315	314	0.80	1
661	311	312	316	315	0.80	1
662	312	332	372	316	0.80	1
663	313	314	319	317	0.80	1
664	314	315	321	319	0.80	1
665	315	316	323	321	0.80	1
666	316	372	376	323	0.80	1
667	317	319	318	72	0.80	1
668	319	321	320	318	0.80	1
669	321	323	322	320	0.80	1
670	46	267	325	324	0.80	1
671	267	266	326	325	0.80	1
672	266	74	327	326	0.80	1
673	74	42	647	327	0.80	1
674	324	325	329	328	0.80	1
675	325	326	330	329	0.80	1
676	326	327	331	330	0.80	1
677	327	647	258	331	0.80	1
678	328	329	333	332	0.80	1
679	329	330	334	333	0.80	1
680	330	331	371	334	0.80	1
681	331	258	255	371	0.80	1
682	332	333	373	372	0.80	1
683	333	334	374	373	0.80	1
684	334	371	375	374	0.80	1
685	371	255	264	375	0.80	1
686	372	373	378	376	0.80	1
687	373	374	380	378	0.80	1
688	374	375	382	380	0.80	1
689	375	264	73	382	0.80	1
690	376	378	377	71	0.80	1
691	378	380	379	377	0.80	1
692	380	382	381	379	0.80	1
693	25	366	383	684	0.80	1
694	366	365	384	383	0.80	1
695	365	101	385	384	0.80	1
696	101	47	411	385	0.80	1
697	684	383	386	342	0.80	1
698	383	384	387	386	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
699	384	385	388	387	0.80	1
700	385	411	410	388	0.80	1
701	342	386	389	339	0.80	1
702	386	387	390	389	0.80	1
703	387	388	391	390	0.80	1
704	388	410	409	391	0.80	1
705	339	389	392	352	0.80	1
706	389	390	393	392	0.80	1
707	390	391	394	393	0.80	1
708	391	409	408	394	0.80	1
709	352	392	396	97	0.80	1
710	392	393	398	396	0.80	1
711	393	394	400	398	0.80	1
712	394	408	407	400	0.80	1
713	97	396	395	1	0.80	1
714	396	398	397	395	0.80	1
715	398	400	399	397	0.80	1
716	13	407	413	412	0.80	1
717	407	408	414	413	0.80	1
718	408	409	415	414	0.80	1
719	409	410	416	415	0.80	1
720	410	411	417	416	0.80	1
721	411	47	402	417	0.80	1
722	412	413	419	418	0.80	1
723	413	414	420	419	0.80	1
724	414	415	421	420	0.80	1
725	415	416	428	421	0.80	1
726	416	417	429	428	0.80	1
727	417	402	401	429	0.80	1
728	418	419	431	430	0.80	1
729	419	420	432	431	0.80	1
730	420	421	433	432	0.80	1
731	421	428	434	433	0.80	1
732	428	429	435	434	0.80	1
733	429	401	110	435	0.80	1
734	430	431	436	77	0.80	1
735	431	432	437	436	0.80	1
736	432	433	438	437	0.80	1
737	433	434	439	438	0.80	1
738	434	435	440	439	0.80	1
739	77	436	442	441	0.80	1
740	436	437	645	442	0.80	1
741	437	438	646	645	0.80	1
742	438	439	648	646	0.80	1
743	439	440	649	648	0.80	1
744	440	44	423	649	0.80	1
745	441	442	651	650	0.80	1
746	442	645	652	651	0.80	1
747	645	646	653	652	0.80	1
748	646	648	654	653	0.80	1
749	648	649	655	654	0.80	1
750	649	423	422	655	0.80	1
751	650	651	658	657	0.80	1
752	651	652	659	658	0.80	1
753	652	653	660	659	0.80	1
754	653	654	661	660	0.80	1
755	654	655	662	661	0.80	1
756	655	422	116	662	0.80	1
757	657	658	663	9	0.80	1
758	658	659	664	663	0.80	1

“ RELAZIONE DI CALCOLO ”

Elem.	Nodo I	Nodo J	Nodo K	Nodo L	Spessore	Materiale
759	659	660	665	664	0.80	1
760	660	661	666	665	0.80	1
761	661	662	667	666	0.80	1
762	9	663	669	668	0.80	1
763	663	664	670	669	0.80	1
764	664	665	707	670	0.80	1
765	665	666	708	707	0.80	1
766	666	667	709	708	0.80	1
767	667	49	444	709	0.80	1
768	668	669	711	710	0.80	1
769	669	670	712	711	0.80	1
770	670	707	713	712	0.80	1
771	707	708	714	713	0.80	1
772	708	709	715	714	0.80	1
773	709	444	443	715	0.80	1
774	710	711	718	716	0.80	1
775	711	712	720	718	0.80	1
776	712	713	722	720	0.80	1
777	713	714	724	722	0.80	1
778	714	715	726	724	0.80	1
779	715	443	122	726	0.80	1
780	716	718	717	6	0.80	1
781	718	720	719	717	0.80	1
782	720	722	721	719	0.80	1
783	722	724	723	721	0.80	1
784	724	726	725	723	0.80	1
785	121	276	10	120	0.80	1
786	282	317	72	281	0.80	1
787	323	376	71	322	0.80	1
788	382	73	5	381	0.80	1
789	400	407	13	399	0.80	1
790	435	110	44	440	0.80	1
791	662	116	49	667	0.80	1
792	726	122	51	725	0.80	1

GRUPPI ELEMENTO FINITO VINCOLO

GRUPPO NUMERO: 1 - DESCRIZIONE: CERNIERA SFERICA

VINCOLI STANDARD

Nodo	Rigid. Trasl. X	Rigid. Rotaz. X	Rigid. Trasl. Y	Rigid. Rotaz. Y	Rigid. Trasl. Z	Rigid. Rotaz. Z
1	+1.00e+009		+1.00e+009		+1.00e+009	
2	+1.00e+009		+1.00e+009		+1.00e+009	
3	+1.00e+009		+1.00e+009		+1.00e+009	
4	+1.00e+009		+1.00e+009		+1.00e+009	
5	+1.00e+009		+1.00e+009		+1.00e+009	
6	+1.00e+009		+1.00e+009		+1.00e+009	
9	+1.00e+009		+1.00e+009		+1.00e+009	
10	+1.00e+009		+1.00e+009		+1.00e+009	
13	+1.00e+009		+1.00e+009		+1.00e+009	
53	+1.00e+009		+1.00e+009		+1.00e+009	
59	+1.00e+009		+1.00e+009		+1.00e+009	
64			+1.00e+009			
65	+1.00e+009		+1.00e+009		+1.00e+009	
71	+1.00e+009		+1.00e+009		+1.00e+009	
72	+1.00e+009		+1.00e+009		+1.00e+009	
76			+1.00e+009			

“ RELAZIONE DI CALCOLO ”

Nodo	Rigid. Trasl. X	Rigid. Rotaz. X	Rigid. Trasl. Y	Rigid. Rotaz. Y	Rigid. Trasl. Z	Rigid. Rotaz. Z
77	+1.00e+009		+1.00e+009		+1.00e+009	
78	+1.00e+009		+1.00e+009		+1.00e+009	
82			+1.00e+009			
85			+1.00e+009			
95	+1.00e+009		+1.00e+009		+1.00e+009	
100			+1.00e+009			
103			+1.00e+009			
112			+1.00e+009			
113	+1.00e+009		+1.00e+009		+1.00e+009	
115	+1.00e+009		+1.00e+009		+1.00e+009	
120	+1.00e+009		+1.00e+009		+1.00e+009	
161	+1.00e+009		+1.00e+009		+1.00e+009	
162	+1.00e+009		+1.00e+009		+1.00e+009	
173	+1.00e+009		+1.00e+009		+1.00e+009	
174	+1.00e+009		+1.00e+009		+1.00e+009	
183			+1.00e+009			
190			+1.00e+009			
191	+1.00e+009		+1.00e+009		+1.00e+009	
192	+1.00e+009		+1.00e+009		+1.00e+009	
203	+1.00e+009		+1.00e+009		+1.00e+009	
204	+1.00e+009		+1.00e+009		+1.00e+009	
221	+1.00e+009		+1.00e+009		+1.00e+009	
222	+1.00e+009		+1.00e+009		+1.00e+009	
233	+1.00e+009		+1.00e+009		+1.00e+009	
234	+1.00e+009		+1.00e+009		+1.00e+009	
243			+1.00e+009			
250			+1.00e+009			
277	+1.00e+009		+1.00e+009		+1.00e+009	
279	+1.00e+009		+1.00e+009		+1.00e+009	
281	+1.00e+009		+1.00e+009		+1.00e+009	
318	+1.00e+009		+1.00e+009		+1.00e+009	
320	+1.00e+009		+1.00e+009		+1.00e+009	
322	+1.00e+009		+1.00e+009		+1.00e+009	
335	+1.00e+009		+1.00e+009		+1.00e+009	
336	+1.00e+009		+1.00e+009		+1.00e+009	
347	+1.00e+009		+1.00e+009		+1.00e+009	
348	+1.00e+009		+1.00e+009		+1.00e+009	
377	+1.00e+009		+1.00e+009		+1.00e+009	
379	+1.00e+009		+1.00e+009		+1.00e+009	
381	+1.00e+009		+1.00e+009		+1.00e+009	
395	+1.00e+009		+1.00e+009		+1.00e+009	
397	+1.00e+009		+1.00e+009		+1.00e+009	
399	+1.00e+009		+1.00e+009		+1.00e+009	
412	+1.00e+009		+1.00e+009		+1.00e+009	
418	+1.00e+009		+1.00e+009		+1.00e+009	
430	+1.00e+009		+1.00e+009		+1.00e+009	
441	+1.00e+009		+1.00e+009		+1.00e+009	
537	+1.00e+009		+1.00e+009		+1.00e+009	
538	+1.00e+009		+1.00e+009		+1.00e+009	

“ RELAZIONE DI CALCOLO ”

Nodo	Rigid. Trasl. X	Rigid. Rotaz. X	Rigid. Trasl. Y	Rigid. Rotaz. Y	Rigid. Trasl. Z	Rigid. Rotaz. Z
561	+1.00e+009		+1.00e+009		+1.00e+009	
573	+1.00e+009		+1.00e+009		+1.00e+009	
574	+1.00e+009		+1.00e+009		+1.00e+009	
597	+1.00e+009		+1.00e+009		+1.00e+009	
603			+1.00e+009			
608			+1.00e+009			
609	+1.00e+009		+1.00e+009		+1.00e+009	
610	+1.00e+009		+1.00e+009		+1.00e+009	
633	+1.00e+009		+1.00e+009		+1.00e+009	
650	+1.00e+009		+1.00e+009		+1.00e+009	
657	+1.00e+009		+1.00e+009		+1.00e+009	
668	+1.00e+009		+1.00e+009		+1.00e+009	
671	+1.00e+009		+1.00e+009		+1.00e+009	
672	+1.00e+009		+1.00e+009		+1.00e+009	
695	+1.00e+009		+1.00e+009		+1.00e+009	
701			+1.00e+009			
706			+1.00e+009			
710	+1.00e+009		+1.00e+009		+1.00e+009	
716	+1.00e+009		+1.00e+009		+1.00e+009	
813	+1.00e+009		+1.00e+009		+1.00e+009	
824	+1.00e+009		+1.00e+009		+1.00e+009	
835	+1.00e+009		+1.00e+009		+1.00e+009	
846	+1.00e+009		+1.00e+009		+1.00e+009	

COMBINAZIONI DI CARICO

NORMATIVA: NORME TECNICHE PER LE COSTRUZIONI - D.M. 14/01/2008 (STATICO E SISMICO)

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE ULTIMO

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
1	Dinamica	Azione sismica: Presente	Nessuna	Condizione 2	1.000
			Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000
2	Statica	Azione sismica: Sisma assente	Permanente: Peso Proprio	Condizione peso proprio	1.300
			Permanente: Permanente portato	Condizione 1	1.300

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE D'ESERCIZIO

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
3	Rara	Tipologia: Rara	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000
4	Frequente	Tipologia: Frequente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000
5	Quasi permanente	Tipologia: Quasi permanente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000

COMBINAZIONI PER LE VERIFICHE ALLO STATO LIMITE DI DANNO

Num.	Descrizione	Parametri	Tipo azione/categoria	Condizione	Moltiplicatore
6	S.L.D.	Azione sismica: Presente	Permanente: Peso Proprio	Condizione peso proprio	1.000
			Permanente: Permanente portato	Condizione 1	1.000

SPOSTAMENTI/ROTAZIONI NODI NON BLOCCATI

“ RELAZIONE DI CALCOLO ”

COMBINAZIONE DI CARICO: 1 - DESCRIZIONE: DINAMICA

Nodo	Trasl.X	Trasl.Y	Trasl_Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-2.44e-006	+1.43e-006	-3.86e-006	-3.38e-004	-1.39e-004	+1.55e-006
2	-7.12e-007	+1.97e-006	-4.07e-006	-4.21e-004	-1.57e-005	-6.34e-009
3	+8.21e-009	+1.97e-006	-4.21e-006	-4.22e-004	+1.81e-007	-1.76e-011
4	+7.39e-007	+1.97e-006	-4.06e-006	-4.21e-004	+1.63e-005	+6.29e-009
5	+2.57e-006	+1.39e-006	-3.75e-006	-3.31e-004	+1.43e-004	-1.58e-006
6	-6.67e-006	+2.17e-006	+4.40e-006	-2.12e-004	-2.28e-003	-7.42e-006
7	+4.34e-003	+7.06e-004	+1.04e-004	+2.28e-002	+2.66e-003	+1.15e-003
8	+3.79e-003	+6.83e-004	+3.07e-006	+2.29e-003	+1.43e-003	+1.12e-003
9	-7.65e-007	+3.86e-006	-1.20e-005	-3.34e-004	-1.16e-003	-2.80e-006
10	+8.26e-007	+3.30e-006	-1.12e-005	-3.10e-004	+1.16e-003	+2.59e-006
11	+3.24e-003	+6.63e-004	-8.75e-005	-9.40e-004	+1.07e-003	+1.13e-003
12	+2.69e-003	+6.49e-004	-1.73e-004	-6.57e-005	+9.15e-004	+1.14e-003
13	-2.26e-006	+3.89e-007	-4.27e-006	-2.35e-004	-1.96e-004	+7.78e-007
14	-2.24e-004	-1.01e-004	-1.66e-004	+2.02e-004	+1.56e-005	-8.93e-007
15	-7.91e-005	-8.18e-005	-1.81e-004	+1.95e-004	-5.59e-006	-3.79e-007
16	+9.90e-007	-9.71e-005	-1.77e-004	+1.80e-004	+7.32e-008	+9.95e-009
17	+8.20e-005	-8.16e-005	-1.81e-004	+1.94e-004	+5.80e-006	+5.22e-007
18	+2.31e-004	-9.91e-005	-1.65e-004	+1.98e-004	-1.60e-005	+1.47e-006
19	+6.15e-003	+1.10e-003	+5.64e-005	+1.18e-003	+1.15e-003	+1.54e-003
20	-6.68e-004	+1.26e-004	-3.10e-004	-1.97e-004	+4.08e-005	-8.50e-004
21	+6.77e-004	+1.22e-004	-2.97e-004	-1.91e-004	-3.99e-005	+8.37e-004
22	+3.21e-004	-1.20e-004	-1.90e-004	+2.32e-004	-4.76e-006	-3.79e-005
23	-3.11e-004	-1.23e-004	-1.95e-004	+2.38e-004	+4.29e-006	+3.91e-005
24	+3.02e-003	+9.43e-004	-2.99e-004	-2.10e-004	+5.38e-004	+1.67e-003
25	-2.21e-004	+1.41e-004	-1.30e-004	+2.54e-004	-2.78e-005	+1.50e-005
26	-6.72e-005	+1.80e-004	-1.49e-004	+2.93e-004	-8.09e-006	+4.40e-007
27	-2.14e-004	-3.58e-004	-1.99e-004	+1.77e-004	+1.51e-005	+6.55e-005
28	-8.87e-005	-2.10e-004	-2.08e-004	+5.40e-005	-3.22e-006	+7.42e-007
29	+1.13e-006	-2.12e-004	-2.02e-004	+5.11e-005	+2.84e-008	+5.15e-008
30	+9.20e-005	-2.09e-004	-2.08e-004	+5.33e-005	+3.34e-006	-1.05e-007
31	+2.19e-004	-3.51e-004	-1.99e-004	+1.74e-004	-1.63e-005	-6.43e-005
32	+7.50e-003	+1.44e-003	+3.37e-005	-2.82e-004	+8.23e-004	+1.81e-003
33	-7.57e-003	+1.46e-003	+1.24e-005	-2.24e-004	-8.37e-004	-1.82e-003
34	-8.00e-004	+2.35e-004	-3.51e-004	+1.84e-005	-2.36e-005	-1.15e-003
35	+7.99e-004	+2.28e-004	-3.38e-004	+2.04e-005	+1.62e-005	+1.14e-003
36	+2.60e-004	-4.44e-004	-2.28e-004	+2.35e-004	-5.05e-005	+2.16e-005
37	-2.54e-004	-4.51e-004	-2.33e-004	+2.36e-004	+4.73e-005	-2.28e-005
38	-3.75e-003	+1.26e-003	-3.27e-004	-1.87e-004	-4.62e-004	-2.08e-003
39	+3.71e-003	+1.24e-003	-3.11e-004	-1.88e-004	+4.52e-004	+2.06e-003
40	+8.20e-007	+1.70e-004	-1.48e-004	+3.16e-004	+1.03e-007	-7.99e-009
41	+6.97e-005	+1.80e-004	-1.49e-004	+2.92e-004	+8.39e-006	-5.59e-007
42	+2.28e-004	+1.38e-004	-1.29e-004	+2.49e-004	+2.82e-005	-1.64e-005
43	+4.96e-003	+8.34e-004	+8.82e-005	+1.61e-002	+2.15e-003	+1.30e-003
44	-6.02e-004	+1.68e-004	-2.51e-004	+2.42e-004	-1.25e-004	-6.39e-004
45	+6.13e-004	+1.56e-004	-2.38e-004	+2.23e-004	+1.22e-004	+6.28e-004
46	+3.26e-004	+7.10e-005	-1.45e-004	+1.41e-004	+5.59e-006	-6.56e-005
47	-3.16e-004	+7.63e-005	-1.50e-004	+1.51e-004	-6.21e-006	+6.56e-005
48	+2.43e-003	+7.37e-004	-2.78e-004	-2.00e-004	+6.25e-004	+1.31e-003
49	-2.44e-003	+7.64e-004	-2.97e-004	-1.95e-004	-6.31e-004	-1.32e-003
50	-3.04e-003	+9.65e-004	-3.16e-004	-2.07e-004	-5.45e-004	-1.69e-003
51	-5.00e-003	+8.64e-004	+6.91e-005	-2.71e-004	-1.32e-003	-1.31e-003
52	-6.20e-003	+1.12e-003	+3.53e-005	-2.42e-004	-1.09e-003	-1.55e-003
53	-6.11e-007	+1.97e-006	-4.10e-006	-4.22e-004	-1.35e-005	-1.24e-008
54	-1.25e-005	+1.82e-004	-3.39e-005	-3.67e-004	-1.29e-005	+2.60e-007
55	-1.46e-005	+1.82e-004	-3.37e-005	-3.67e-004	-1.49e-005	+5.24e-007
56	-5.84e-005	+1.75e-004	-1.49e-004	+3.03e-004	-7.24e-006	-1.92e-005
57	-6.47e-005	+2.53e-005	-1.67e-004	+2.66e-004	-5.71e-006	-3.54e-005
58	-7.41e-005	+3.43e-005	-1.67e-004	+2.64e-004	-6.31e-006	+5.03e-008

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
59	+6.61e-008	+1.97e-006	-4.21e-006	-4.22e-004	+1.46e-006	+8.58e-009
60	+1.36e-006	+1.82e-004	-3.46e-005	-3.68e-004	+1.41e-006	+5.00e-008
61	+1.69e-007	+1.82e-004	-3.46e-005	-3.68e-004	+1.74e-007	-5.43e-009
62	+6.61e-006	+1.76e-004	-1.48e-004	+3.04e-004	+8.68e-007	+1.95e-005
63	+7.38e-006	+2.53e-005	-1.64e-004	+2.67e-004	+6.91e-007	+3.54e-005
64	+9.17e-007	+1.11e-005	-1.64e-004	+2.69e-004	+7.99e-008	-1.97e-010
65	+8.55e-007	+1.97e-006	-4.02e-006	-4.20e-004	+1.88e-005	+9.34e-010
66	+1.75e-005	+1.81e-004	-3.33e-005	-3.66e-004	+1.78e-005	-1.05e-006
67	+1.51e-005	+1.82e-004	-3.36e-005	-3.67e-004	+1.55e-005	-6.14e-007
68	+7.94e-005	+1.75e-004	-1.50e-004	+3.02e-004	+9.21e-006	-2.02e-005
69	+8.72e-005	+2.53e-005	-1.68e-004	+2.65e-004	+7.07e-006	-3.53e-005
70	+7.69e-005	+3.43e-005	-1.67e-004	+2.63e-004	+6.54e-006	-5.43e-008
71	+2.58e-006	+1.49e-007	-3.80e-006	-2.21e-004	+2.06e-004	-9.74e-007
72	+1.31e-007	+4.37e-007	-8.90e-006	-2.23e-004	+3.92e-004	+1.03e-006
73	+6.54e-005	+1.42e-004	-3.31e-005	-2.87e-004	+1.31e-004	-2.22e-005
74	+2.51e-004	+1.30e-004	-1.38e-004	+2.12e-004	-2.87e-005	+1.14e-006
75	+2.55e-004	+1.26e-005	-1.58e-004	+2.18e-004	-3.49e-005	+3.25e-005
76	+2.36e-004	+7.47e-006	-1.49e-004	+2.38e-004	+3.16e-006	-3.18e-006
77	+1.36e-007	+9.12e-007	-9.66e-006	-2.45e-004	-3.85e-004	-1.39e-006
78	+6.63e-006	+1.99e-006	+4.36e-006	+1.14e-002	+2.86e-003	+7.36e-006
79	+3.64e-003	+5.69e-004	+1.16e-004	-6.16e-003	+1.37e-003	+9.69e-004
80	+3.46e-004	+2.24e-005	-1.65e-004	+1.20e-004	-3.61e-005	-4.95e-005
81	+3.49e-004	-6.13e-005	-1.98e-004	+1.38e-004	-5.43e-005	-5.01e-005
82	+3.19e-004	-6.75e-006	-1.69e-004	+1.89e-004	-5.90e-006	-4.86e-005
83	+9.53e-004	+2.45e-004	-2.65e-004	-1.09e-005	+1.50e-004	+9.50e-004
84	+1.04e-003	+2.21e-004	-2.77e-004	-4.01e-005	+1.52e-004	+1.09e-003
85	+6.94e-004	+2.96e-005	-2.70e-004	+4.17e-005	+6.47e-005	+6.40e-004
86	+3.07e-003	+7.58e-004	-1.92e-004	-1.86e-004	+8.13e-004	+1.32e-003
87	+3.46e-003	+8.74e-004	-2.07e-004	-2.29e-004	+7.36e-004	+1.50e-003
88	+2.73e-003	+8.42e-004	-2.92e-004	-2.04e-004	+5.69e-004	+1.50e-003
89	+3.18e-003	+5.49e-004	+1.46e-005	-9.16e-004	+1.43e-003	+9.39e-004
90	+2.72e-003	+5.35e-004	-7.01e-005	-9.61e-005	+1.26e-003	+9.39e-004
91	+2.26e-003	+5.31e-004	-1.50e-004	-2.87e-004	+1.02e-003	+9.42e-004
92	+2.85e-003	+4.23e-004	+1.19e-004	-6.69e-005	+1.89e-003	+7.63e-004
93	+2.48e-003	+4.06e-004	+2.17e-005	-1.46e-004	+1.65e-003	+7.31e-004
94	+2.13e-003	+3.98e-004	-5.16e-005	-3.04e-004	+1.40e-003	+7.27e-004
95	-2.50e-006	+1.81e-006	-3.32e-006	-3.59e-004	-3.92e-005	+8.93e-007
96	-5.31e-005	+1.55e-004	-2.73e-005	-3.12e-004	-4.42e-005	+1.92e-005
97	-6.31e-005	+1.45e-004	-3.39e-005	-2.93e-004	-1.27e-004	+2.07e-005
98	-1.99e-004	+1.54e-004	-1.40e-004	+2.59e-004	+6.41e-006	+3.24e-005
99	-2.06e-004	+2.10e-005	-1.59e-004	+2.47e-004	+9.62e-006	+3.26e-005
100	-2.30e-004	+7.60e-006	-1.49e-004	+2.43e-004	-3.27e-006	+2.94e-006
101	-2.91e-004	+1.07e-004	-1.49e-004	+1.62e-004	+1.86e-005	+4.43e-005
102	-2.92e-004	+1.14e-005	-1.72e-004	+2.01e-004	+3.27e-005	+1.62e-005
103	-3.09e-004	-6.51e-006	-1.74e-004	+1.97e-004	+5.11e-006	+4.98e-005
104	+1.77e-003	+4.01e-004	-1.20e-004	-2.38e-004	+1.16e-003	+7.26e-004
105	+1.97e-003	+2.73e-004	+1.07e-004	+4.32e-003	+2.30e-003	+5.30e-004
106	+1.72e-003	+2.59e-004	+2.14e-005	+1.73e-004	+1.83e-003	+5.03e-004
107	+1.47e-003	+2.54e-004	-3.29e-005	-3.73e-004	+1.54e-003	+4.96e-004
108	+1.23e-003	+2.63e-004	-8.40e-005	-2.15e-004	+1.29e-003	+4.94e-004
109	+1.01e-003	+1.30e-004	+7.36e-005	-1.92e-002	+1.23e-003	+2.77e-004
110	-4.56e-004	+1.40e-005	-2.17e-004	+1.57e-004	+4.53e-005	-2.40e-004
111	-4.72e-004	-7.72e-005	-2.61e-004	+8.74e-005	+2.11e-005	-2.41e-004
112	-6.86e-004	+3.11e-005	-2.83e-004	+5.01e-005	-6.66e-005	-6.47e-004
113	+1.98e-006	+2.39e-006	+2.45e-006	-3.52e-003	+1.82e-003	+4.69e-006
114	+8.80e-004	+1.16e-004	+1.21e-005	-1.83e-003	+1.85e-003	+2.58e-004
115	+1.54e-006	+3.04e-006	-1.63e-006	+7.14e-004	+1.76e-003	+1.56e-007
116	-1.90e-003	+5.82e-004	-2.89e-004	-1.50e-004	-4.57e-004	-1.27e-003
117	-2.13e-003	+6.45e-004	-3.04e-004	-1.44e-004	-4.27e-004	-1.47e-003
118	-2.75e-003	+8.66e-004	-3.10e-004	-1.99e-004	-5.76e-004	-1.52e-003

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
119	+7.56e-004	+1.17e-004	-1.57e-005	+2.18e-004	+1.68e-003	+2.52e-004
120	+1.38e-006	+3.35e-006	-5.51e-006	-3.60e-004	+1.42e-003	+1.90e-006
121	+6.34e-004	+1.22e-004	-4.17e-005	-3.15e-004	+1.38e-003	+2.50e-004
122	-4.37e-003	+8.37e-004	-2.86e-005	-2.59e-004	-1.16e-003	-1.29e-003
123	-4.93e-003	+9.65e-004	-4.41e-005	-2.44e-004	-1.04e-003	-1.44e-003
124	-5.63e-003	+9.98e-004	+4.97e-005	-2.53e-004	-1.17e-003	-1.45e-003
125	-5.44e-003	+1.09e-003	-5.58e-005	-2.35e-004	-9.80e-004	-1.57e-003
126	-5.89e-003	+1.20e-003	-6.69e-005	-2.26e-004	-8.75e-004	-1.69e-003
127	-6.71e-003	+1.24e-003	+2.24e-005	-2.34e-004	-9.88e-004	-1.68e-003
128	-2.34e-003	+7.19e-004	-3.12e-004	-1.51e-004	-4.08e-004	-1.64e-003
129	-2.54e-003	+8.03e-004	-3.20e-004	-1.56e-004	-3.99e-004	-1.78e-003
130	-3.29e-003	+1.07e-003	-3.21e-004	-2.28e-004	-4.97e-004	-1.84e-003
131	-4.84e-004	-1.02e-004	-2.98e-004	+1.87e-005	-1.70e-005	-3.61e-004
132	-4.95e-004	-9.46e-005	-3.12e-004	-2.37e-005	-2.83e-005	-4.91e-004
133	-7.10e-004	+1.83e-004	-3.33e-004	-1.03e-004	-1.25e-004	-9.52e-004
134	-2.87e-004	-1.02e-004	-1.89e-004	+2.26e-004	+4.16e-005	+1.84e-005
135	-2.76e-004	-2.17e-004	-2.08e-004	+2.35e-004	+4.53e-005	+3.20e-005
136	-2.95e-004	-2.35e-004	-2.13e-004	+2.32e-004	+4.20e-005	+1.78e-005
137	-2.06e-004	-9.30e-005	-1.75e-004	+2.04e-004	+8.46e-006	+2.61e-005
138	-2.06e-004	-1.78e-004	-1.89e-004	+1.58e-004	+6.89e-006	+3.02e-005
139	-2.24e-004	-1.91e-004	-1.82e-004	+1.73e-004	+1.16e-005	+1.40e-005
140	-6.92e-005	-8.88e-005	-1.80e-004	+1.87e-004	-5.12e-006	-2.70e-005
141	-7.34e-005	-1.52e-004	-1.93e-004	+8.78e-005	-4.88e-006	-1.14e-005
142	-8.36e-005	-1.48e-004	-1.94e-004	+9.54e-005	-5.27e-006	-5.20e-007
143	+7.98e-006	-8.92e-005	-1.77e-004	+1.88e-004	+6.39e-007	+2.67e-005
144	+8.55e-006	-1.52e-004	-1.89e-004	+8.82e-005	+6.20e-007	+1.11e-005
145	+1.06e-006	-1.56e-004	-1.89e-004	+8.02e-005	+7.05e-008	+2.18e-008
146	+9.28e-005	-8.82e-005	-1.82e-004	+1.86e-004	+6.16e-006	-2.58e-005
147	+9.77e-005	-1.51e-004	-1.95e-004	+8.74e-005	+5.72e-006	-9.98e-006
148	+8.67e-005	-1.48e-004	-1.94e-004	+9.47e-005	+5.47e-006	+8.21e-007
149	+2.51e-004	-9.66e-005	-1.74e-004	+2.00e-004	-3.26e-005	+2.91e-005
150	+2.47e-004	-1.92e-004	-1.90e-004	+1.89e-004	-3.06e-005	+2.52e-006
151	+2.30e-004	-1.87e-004	-1.81e-004	+1.70e-004	-1.26e-005	-1.29e-005
152	+3.43e-004	-1.52e-004	-2.25e-004	+1.53e-004	-6.74e-005	-1.32e-005
153	+3.33e-004	-2.41e-004	-2.46e-004	+1.55e-004	-7.16e-005	+4.94e-005
154	+3.04e-004	-2.30e-004	-2.08e-004	+2.29e-004	-4.43e-005	-1.71e-005
155	+1.12e-003	+2.60e-004	-2.80e-004	-6.86e-005	+1.46e-004	+1.25e-003
156	+1.20e-003	+3.33e-004	-3.06e-004	-1.00e-004	+2.09e-004	+1.35e-003
157	+7.16e-004	+1.79e-004	-3.20e-004	-1.01e-004	+1.16e-004	+9.38e-004
158	+3.83e-003	+9.86e-004	-2.15e-004	-2.10e-004	+6.97e-004	+1.66e-003
159	+4.15e-003	+1.09e-003	-2.23e-004	-2.04e-004	+6.23e-004	+1.80e-003
160	+3.26e-003	+1.05e-003	-3.04e-004	-2.30e-004	+4.89e-004	+1.81e-003
161	-2.95e-007	+1.97e-006	-4.18e-006	-4.22e-004	-6.52e-006	-9.02e-009
162	-2.30e-007	+1.97e-006	-4.19e-006	-4.22e-004	-5.08e-006	-2.50e-010
163	-4.74e-006	+1.82e-004	-3.45e-005	-3.68e-004	-4.90e-006	+3.48e-008
164	-6.08e-006	+1.82e-004	-3.44e-005	-3.68e-004	-6.28e-006	-9.26e-009
165	-3.96e-005	+3.86e-004	-8.69e-005	-6.58e-005	-1.25e-005	+1.08e-006
166	-3.42e-005	+3.86e-004	-8.71e-005	-6.51e-005	-1.09e-005	-9.28e-008
167	-4.35e-005	+3.77e-004	-1.10e-004	+1.03e-004	-9.70e-006	-1.82e-006
168	-5.03e-005	+3.77e-004	-1.10e-004	+1.01e-004	-1.10e-005	+1.01e-006
169	-1.67e-005	+3.87e-004	-8.75e-005	-6.52e-005	-5.43e-006	-6.57e-007
170	-1.31e-005	+3.86e-004	-8.76e-005	-6.44e-005	-4.25e-006	+8.02e-008
171	-1.67e-005	+3.77e-004	-1.10e-004	+1.06e-004	-3.87e-006	+8.20e-008
172	-2.14e-005	+3.77e-004	-1.10e-004	+1.04e-004	-4.93e-006	-2.36e-006
173	-5.21e-007	+1.97e-006	-4.13e-006	-4.22e-004	-1.15e-005	-2.25e-009
174	-4.39e-007	+1.97e-006	-4.15e-006	-4.22e-004	-9.70e-006	+7.29e-009
175	-9.04e-006	+1.82e-004	-3.42e-005	-3.68e-004	-9.31e-006	+1.94e-007
176	-1.07e-005	+1.82e-004	-3.40e-005	-3.68e-004	-1.10e-005	+2.04e-007
177	-2.38e-005	+3.18e-004	-6.16e-005	-2.35e-004	-1.19e-005	+3.38e-007
178	-2.76e-005	+3.18e-004	-6.13e-005	-2.35e-004	-1.37e-005	+9.15e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
179	-1.72e-005	+3.19e-004	-6.19e-005	-2.35e-004	-8.68e-006	+4.67e-007
180	-2.04e-005	+3.19e-004	-6.18e-005	-2.35e-004	-1.02e-005	+3.63e-007
181	-2.92e-005	+1.76e-004	-1.48e-004	+3.04e-004	-3.82e-006	-1.95e-005
182	-2.28e-005	+1.70e-004	-1.48e-004	+3.16e-004	-3.01e-006	+3.70e-008
183	-2.55e-005	+1.11e-005	-1.65e-004	+2.69e-004	-2.40e-006	-1.39e-008
184	-3.25e-005	+2.54e-005	-1.65e-004	+2.67e-004	-3.05e-006	-3.54e-005
185	-2.75e-005	-9.70e-005	-1.78e-004	+1.80e-004	-2.22e-006	-7.50e-008
186	-3.51e-005	-8.91e-005	-1.78e-004	+1.88e-004	-2.81e-006	-2.68e-005
187	-5.04e-005	+1.70e-004	-1.49e-004	+3.16e-004	-6.37e-006	+2.37e-007
188	-4.29e-005	+1.76e-004	-1.49e-004	+3.04e-004	-5.51e-006	+1.97e-005
189	-4.77e-005	+2.54e-005	-1.66e-004	+2.66e-004	-4.39e-006	+3.54e-005
190	-5.59e-005	+1.11e-005	-1.66e-004	+2.68e-004	-5.06e-006	+3.68e-008
191	+3.14e-007	+1.97e-006	-4.18e-006	-4.22e-004	+6.93e-006	+8.97e-009
192	+3.84e-007	+1.97e-006	-4.16e-006	-4.22e-004	+8.49e-006	+6.89e-010
193	+7.91e-006	+1.82e-004	-3.43e-005	-3.68e-004	+8.16e-006	-1.13e-007
194	+6.47e-006	+1.82e-004	-3.44e-005	-3.68e-004	+6.67e-006	-1.32e-008
195	+4.66e-007	+3.87e-004	-8.77e-005	-6.44e-005	+1.49e-007	-1.30e-008
196	+3.76e-006	+3.87e-004	-8.77e-005	-6.52e-005	+1.22e-006	+7.49e-007
197	+4.83e-006	+3.77e-004	-1.10e-004	+1.04e-004	+1.12e-006	+2.45e-006
198	+5.98e-007	+3.77e-004	-1.10e-004	+1.06e-004	+1.35e-007	-1.39e-008
199	+1.78e-005	+3.87e-004	-8.75e-005	-6.52e-005	+5.77e-006	+6.04e-007
200	+2.17e-005	+3.87e-004	-8.74e-005	-6.59e-005	+7.03e-006	-2.60e-007
201	+2.78e-005	+3.78e-004	-1.10e-004	+1.01e-004	+6.37e-006	-2.68e-007
202	+2.28e-005	+3.77e-004	-1.10e-004	+1.04e-004	+5.24e-006	+2.30e-006
203	+1.25e-007	+1.97e-006	-4.20e-006	-4.22e-004	+2.76e-006	+2.52e-011
204	+1.85e-007	+1.97e-006	-4.20e-006	-4.22e-004	+4.09e-006	-8.49e-009
205	+3.82e-006	+1.82e-004	-3.45e-005	-3.68e-004	+3.94e-006	-9.96e-008
206	+2.57e-006	+1.82e-004	-3.45e-005	-3.68e-004	+2.66e-006	-2.35e-008
207	+2.60e-006	+3.19e-004	-6.24e-005	-2.35e-004	+1.32e-006	+2.07e-007
208	+3.22e-007	+3.19e-004	-6.24e-005	-2.35e-004	+1.62e-007	-1.00e-008
209	+7.28e-006	+3.19e-004	-6.23e-005	-2.35e-004	+3.70e-006	-2.98e-007
210	+4.91e-006	+3.19e-004	-6.24e-005	-2.35e-004	+2.49e-006	-4.32e-008
211	+3.10e-005	+1.76e-004	-1.48e-004	+3.04e-004	+4.05e-006	+1.95e-005
212	+3.78e-005	+1.81e-004	-1.48e-004	+2.93e-004	+4.90e-006	-1.40e-007
213	+4.21e-005	+3.44e-005	-1.65e-004	+2.64e-004	+3.91e-006	+4.27e-009
214	+3.46e-005	+2.54e-005	-1.65e-004	+2.66e-004	+3.24e-006	+3.54e-005
215	+4.53e-005	-8.21e-005	-1.78e-004	+1.95e-004	+3.58e-006	+1.78e-007
216	+3.73e-005	-8.91e-005	-1.78e-004	+1.88e-004	+2.98e-006	+2.69e-005
217	+1.25e-005	+1.81e-004	-1.48e-004	+2.93e-004	+1.64e-006	-3.52e-008
218	+1.84e-005	+1.76e-004	-1.48e-004	+3.04e-004	+2.43e-006	-1.96e-005
219	+2.06e-005	+2.53e-005	-1.65e-004	+2.67e-004	+1.94e-006	-3.54e-005
220	+1.39e-005	+3.43e-005	-1.65e-004	+2.65e-004	+1.31e-006	-2.20e-009
221	+1.52e-006	+1.98e-006	-3.70e-006	-4.08e-004	+3.32e-005	-2.80e-008
222	+1.76e-006	+1.97e-006	-3.56e-006	-4.00e-004	+3.88e-005	-6.85e-008
223	+3.56e-005	+1.73e-004	-3.03e-005	-3.48e-004	+3.57e-005	-9.00e-006
224	+3.09e-005	+1.76e-004	-3.13e-005	-3.55e-004	+3.08e-005	-6.20e-006
225	+4.11e-005	+3.86e-004	-8.68e-005	-6.57e-005	+1.29e-005	-1.29e-006
226	+4.73e-005	+3.85e-004	-8.65e-005	-6.48e-005	+1.47e-005	-2.80e-006
227	+5.98e-005	+3.75e-004	-1.10e-004	+1.03e-004	+1.29e-005	-4.34e-006
228	+5.22e-005	+3.77e-004	-1.10e-004	+1.01e-004	+1.15e-005	-1.23e-006
229	+8.14e-005	+3.74e-004	-8.39e-005	-6.39e-005	+2.31e-005	-1.39e-005
230	+9.34e-005	+3.66e-004	-8.25e-005	-6.19e-005	+2.61e-005	-1.94e-005
231	+1.16e-004	+3.57e-004	-1.07e-004	+9.86e-005	+2.07e-005	-1.87e-005
232	+1.01e-004	+3.65e-004	-1.08e-004	+9.85e-005	+1.89e-005	-1.49e-005
233	+9.88e-007	+1.97e-006	-3.96e-006	-4.19e-004	+2.17e-005	+1.23e-008
234	+1.14e-006	+1.98e-006	-3.90e-006	-4.16e-004	+2.50e-005	+2.05e-008
235	+2.32e-005	+1.80e-004	-3.26e-005	-3.63e-004	+2.35e-005	-2.49e-006
236	+2.02e-005	+1.81e-004	-3.30e-005	-3.65e-004	+2.05e-005	-1.59e-006
237	+3.31e-005	+3.17e-004	-6.09e-005	-2.34e-004	+1.63e-005	-1.95e-006
238	+2.87e-005	+3.18e-004	-6.12e-005	-2.34e-004	+1.43e-005	-1.08e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
239	+4.37e-005	+3.15e-004	-5.99e-005	-2.32e-004	+2.11e-005	-4.23e-006
240	+3.81e-005	+3.16e-004	-6.04e-005	-2.33e-004	+1.86e-005	-2.77e-006
241	+1.29e-004	+1.72e-004	-1.50e-004	+2.93e-004	+1.08e-005	-2.45e-005
242	+1.45e-004	+1.63e-004	-1.50e-004	+3.01e-004	+1.05e-005	-8.60e-006
243	+1.55e-004	+1.09e-005	-1.69e-004	+2.59e-004	+5.73e-006	-3.50e-006
244	+1.39e-004	+2.62e-005	-1.70e-004	+2.59e-004	+6.88e-006	-3.64e-005
245	+1.60e-004	-9.45e-005	-1.85e-004	+1.78e-004	+3.18e-006	-2.67e-006
246	+1.44e-004	-8.59e-005	-1.85e-004	+1.86e-004	+4.80e-006	-2.69e-005
247	+9.01e-005	+1.69e-004	-1.50e-004	+3.14e-004	+9.93e-006	-5.65e-007
248	+1.02e-004	+1.74e-004	-1.50e-004	+3.00e-004	+1.05e-005	+1.86e-005
249	+1.11e-004	+2.60e-005	-1.69e-004	+2.63e-004	+7.64e-006	+3.66e-005
250	+9.85e-005	+1.12e-005	-1.68e-004	+2.66e-004	+7.46e-006	+8.09e-007
251	+2.14e-003	+6.41e-004	-2.60e-004	-2.24e-004	+6.98e-004	+1.12e-003
252	+1.68e-003	+4.99e-004	-2.46e-004	-1.67e-004	+5.12e-004	+1.07e-003
253	+1.25e-003	+3.73e-004	-2.37e-004	-7.81e-005	+3.43e-004	+9.68e-004
254	+8.66e-004	+2.74e-004	-2.27e-004	-2.92e-005	+1.78e-004	+7.95e-004
255	+1.65e-004	+3.01e-004	-7.46e-005	-5.09e-005	+8.55e-005	-4.71e-005
256	+1.80e-003	+5.34e-004	-2.34e-004	-2.50e-004	+7.96e-004	+9.18e-004
257	+1.43e-003	+4.30e-004	-2.10e-004	-1.99e-004	+5.96e-004	+8.66e-004
258	+1.97e-004	+2.95e-004	-9.30e-005	+7.79e-005	+6.05e-005	-4.51e-005
259	+1.07e-003	+3.42e-004	-1.95e-004	-1.18e-004	+4.16e-004	+7.81e-004
260	+7.62e-004	+2.73e-004	-1.87e-004	-7.01e-005	+2.50e-004	+6.40e-004
261	+1.42e-003	+4.14e-004	-2.00e-004	-2.80e-004	+9.09e-004	+7.01e-004
262	+1.13e-003	+3.45e-004	-1.66e-004	-2.38e-004	+6.96e-004	+6.56e-004
263	+8.62e-004	+2.87e-004	-1.48e-004	-1.62e-004	+5.09e-004	+5.90e-004
264	+1.20e-004	+2.49e-004	-5.51e-005	-1.82e-004	+1.10e-004	-3.87e-005
265	+6.25e-004	+2.43e-004	-1.44e-004	-1.13e-004	+3.42e-004	+4.85e-004
266	+2.75e-004	+1.22e-004	-1.42e-004	+1.84e-004	-8.28e-006	-1.55e-005
267	+2.99e-004	+1.03e-004	-1.46e-004	+1.53e-004	-1.73e-005	-4.49e-005
268	+3.01e-004	+1.08e-005	-1.68e-004	+1.94e-004	-3.17e-005	-1.52e-005
269	+2.78e-004	+1.73e-005	-1.64e-004	+2.09e-004	-2.28e-005	+1.50e-005
270	+2.95e-004	-9.95e-005	-1.86e-004	+2.20e-004	-4.10e-005	-1.72e-005
271	+2.73e-004	-9.25e-005	-1.82e-004	+2.12e-004	-2.90e-005	+1.34e-005
272	+9.92e-004	+2.81e-004	-1.57e-004	-3.03e-004	+1.02e-003	+4.73e-004
273	+7.93e-004	+2.43e-004	-1.14e-004	-2.71e-004	+8.00e-004	+4.40e-004
274	+6.09e-004	+2.10e-004	-9.64e-005	-2.05e-004	+6.06e-004	+3.96e-004
275	+4.48e-004	+1.85e-004	-9.74e-005	-1.60e-004	+4.34e-004	+3.27e-004
276	+5.13e-004	+1.42e-004	-9.97e-005	-3.09e-004	+1.12e-003	+2.38e-004
277	+9.00e-007	+2.94e-007	-6.74e-006	-3.30e-004	+9.14e-004	+1.79e-006
278	+4.09e-004	+1.31e-004	-5.71e-005	-3.07e-004	+8.81e-004	+2.21e-004
279	+5.42e-007	+2.62e-007	-5.24e-006	-2.59e-004	+7.18e-004	+1.70e-006
280	+3.17e-004	+1.13e-004	-4.87e-005	-2.42e-004	+6.85e-004	+1.99e-004
281	+1.20e-007	+2.78e-007	-5.69e-006	-2.02e-004	+5.46e-004	+2.04e-006
282	+2.37e-004	+9.84e-005	-4.83e-005	-1.93e-004	+5.11e-004	+1.65e-004
283	+5.78e-004	+2.10e-004	-2.11e-004	+8.42e-005	+8.24e-005	+5.23e-004
284	+4.42e-004	+8.57e-005	-1.80e-004	+1.02e-004	-9.62e-006	+2.21e-004
285	+3.72e-004	+6.01e-005	-1.54e-004	+1.19e-004	+5.03e-006	+4.54e-005
286	+3.33e-004	+8.66e-005	-1.37e-004	+9.04e-005	-1.24e-005	-3.45e-005
287	+3.86e-004	-1.28e-005	-1.87e-004	+1.47e-004	-2.00e-005	+3.38e-005
288	+4.68e-004	+6.02e-006	-2.05e-004	+1.46e-004	-4.13e-005	+2.36e-004
289	+4.83e-004	-7.85e-005	-2.48e-004	+8.06e-005	-1.93e-005	+2.39e-004
290	+3.92e-004	-9.62e-005	-2.24e-004	+1.28e-004	-2.61e-005	+3.65e-005
291	+4.94e-004	-1.01e-004	-2.86e-004	+1.78e-005	+1.56e-005	+3.56e-004
292	+3.92e-004	-1.62e-004	-2.54e-004	+1.05e-004	-3.26e-005	+1.00e-004
293	+1.39e-003	+3.91e-004	-2.65e-004	-6.26e-005	+3.01e-004	+1.15e-003
294	+1.90e-003	+5.59e-004	-2.71e-004	-1.52e-004	+4.55e-004	+1.26e-003
295	+2.12e-003	+6.25e-004	-2.87e-004	-1.45e-004	+4.23e-004	+1.45e-003
296	+1.55e-003	+4.17e-004	-2.83e-004	-8.48e-005	+2.82e-004	+1.33e-003
297	+2.33e-003	+7.01e-004	-2.96e-004	-1.51e-004	+4.03e-004	+1.62e-003
298	+1.69e-003	+4.68e-004	-2.91e-004	-1.17e-004	+2.66e-004	+1.49e-003

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
299	+3.71e-003	+7.81e-004	-1.03e-004	-4.18e-004	+9.79e-004	+1.30e-003
300	+4.34e-003	+8.07e-004	-1.05e-005	+3.92e-004	+1.19e-003	+1.28e-003
301	+4.89e-003	+9.38e-004	-2.52e-005	-4.25e-004	+1.02e-003	+1.43e-003
302	+4.19e-003	+9.06e-004	-1.18e-004	-1.88e-004	+8.95e-004	+1.46e-003
303	+5.40e-003	+1.06e-003	-3.64e-005	-1.82e-004	+9.72e-004	+1.56e-003
304	+4.63e-003	+1.03e-003	-1.28e-004	-2.44e-004	+8.40e-004	+1.61e-003
305	+5.26e-004	+2.30e-004	-1.83e-004	+1.51e-005	+1.46e-004	+4.24e-004
306	+4.07e-004	+1.34e-004	-1.49e-004	+3.03e-005	+3.41e-005	+1.86e-004
307	+3.41e-004	+1.14e-004	-1.24e-004	+5.98e-005	+4.44e-005	+4.59e-005
308	+3.04e-004	+1.34e-004	-1.08e-004	+3.90e-005	+2.51e-005	-2.33e-005
309	+4.43e-004	+2.19e-004	-1.54e-004	-5.86e-005	+2.24e-004	+3.22e-004
310	+3.46e-004	+1.49e-004	-1.14e-004	-5.10e-005	+9.26e-005	+1.43e-004
311	+2.89e-004	+1.36e-004	-9.09e-005	-1.65e-005	+9.72e-005	+3.87e-005
312	+2.56e-004	+1.53e-004	-7.96e-005	-3.41e-005	+7.25e-005	-1.60e-005
313	+3.24e-004	+1.74e-004	-1.20e-004	-1.32e-004	+3.02e-004	+2.17e-004
314	+2.53e-004	+1.30e-004	-7.67e-005	-1.32e-004	+1.55e-004	+9.67e-005
315	+2.12e-004	+1.23e-004	-5.75e-005	-9.85e-005	+1.53e-004	+2.71e-005
316	+1.88e-004	+1.35e-004	-5.12e-005	-1.16e-004	+1.23e-004	-1.06e-005
317	+1.72e-004	+9.77e-005	-7.67e-005	-1.95e-004	+3.66e-004	+1.10e-004
318	+2.36e-006	-1.23e-006	-4.97e-006	-2.44e-004	+2.10e-004	-2.98e-006
319	+1.31e-004	+7.94e-005	-3.70e-005	-2.06e-004	+1.98e-004	+4.85e-005
320	+2.48e-006	-6.73e-007	-3.32e-006	-2.04e-004	+2.12e-004	-2.09e-006
321	+1.13e-004	+7.45e-005	-2.85e-005	-1.71e-004	+1.95e-004	+1.36e-005
322	+2.35e-006	-2.21e-007	-3.05e-006	-2.17e-004	+1.87e-004	-1.06e-006
323	+1.02e-004	+7.98e-005	-2.45e-005	-1.87e-004	+1.66e-004	-5.55e-006
324	+3.11e-004	+1.32e-004	-1.22e-004	+1.19e-004	+4.95e-005	-6.54e-005
325	+2.87e-004	+1.67e-004	-1.21e-004	+1.13e-004	-1.17e-006	-6.57e-005
326	+2.63e-004	+1.97e-004	-1.19e-004	+1.34e-004	+1.07e-005	-4.46e-005
327	+2.39e-004	+2.18e-004	-1.16e-004	+1.53e-004	-1.06e-005	-2.88e-005
328	+2.83e-004	+1.74e-004	-9.89e-005	+6.35e-005	+8.07e-005	-6.11e-005
329	+2.60e-004	+2.09e-004	-9.58e-005	+4.56e-005	+2.09e-005	-7.22e-005
330	+2.38e-004	+2.43e-004	-9.37e-005	+5.34e-005	+3.60e-005	-5.95e-005
331	+2.16e-004	+2.71e-004	-9.29e-005	+5.79e-005	+1.46e-005	-4.59e-005
332	+2.37e-004	+1.86e-004	-7.71e-005	-1.56e-005	+1.20e-004	-5.16e-005
333	+2.18e-004	+2.17e-004	-7.06e-005	-4.50e-005	+4.75e-005	-6.64e-005
334	+1.99e-004	+2.49e-004	-6.80e-005	-4.94e-005	+6.55e-005	-5.97e-005
335	-1.47e-006	+1.98e-006	-3.72e-006	-4.09e-004	-3.21e-005	+2.56e-008
336	-1.28e-006	+1.98e-006	-3.83e-006	-4.14e-004	-2.79e-005	-4.66e-009
337	-2.59e-005	+1.79e-004	-3.21e-005	-3.61e-004	-2.61e-005	+3.68e-006
338	-2.99e-005	+1.77e-004	-3.14e-005	-3.57e-004	-2.99e-005	+5.73e-006
339	-1.59e-004	+3.07e-004	-7.56e-005	-5.22e-005	-8.33e-005	+4.41e-005
340	-1.39e-004	+3.28e-004	-7.69e-005	-5.64e-005	-2.44e-005	+4.25e-005
341	-1.68e-004	+3.21e-004	-9.97e-005	+8.34e-005	-1.20e-005	+4.27e-005
342	-1.91e-004	+3.01e-004	-9.40e-005	+7.94e-005	-5.89e-005	+4.22e-005
343	-7.89e-005	+3.75e-004	-8.40e-005	-6.42e-005	-2.24e-005	+1.28e-005
344	-6.88e-005	+3.80e-004	-8.50e-005	-6.55e-005	-2.02e-005	+7.68e-006
345	-8.61e-005	+3.72e-004	-1.09e-004	+9.81e-005	-1.69e-005	+7.08e-006
346	-9.82e-005	+3.67e-004	-1.08e-004	+9.87e-005	-1.84e-005	+1.39e-005
347	-2.26e-006	+1.91e-006	-3.28e-006	-3.77e-004	-5.45e-005	+2.88e-007
348	-1.97e-006	+1.95e-006	-3.44e-006	-3.92e-004	-4.16e-005	+1.38e-007
349	-3.98e-005	+1.69e-004	-2.94e-005	-3.41e-004	-3.89e-005	+1.17e-005
350	-4.60e-005	+1.63e-004	-2.82e-005	-3.28e-004	-4.92e-005	+1.56e-005
351	-1.00e-004	+2.70e-004	-5.27e-005	-1.98e-004	-3.71e-005	+3.42e-005
352	-1.16e-004	+2.54e-004	-5.62e-005	-1.86e-004	-1.07e-004	+3.62e-005
353	-7.43e-005	+2.95e-004	-5.54e-005	-2.18e-004	-3.33e-005	+2.07e-005
354	-8.60e-005	+2.84e-004	-5.35e-005	-2.10e-004	-4.33e-005	+2.78e-005
355	-1.25e-004	+1.72e-004	-1.50e-004	+2.95e-004	-1.05e-005	+2.40e-005
356	-1.11e-004	+1.79e-004	-1.51e-004	+2.87e-004	-1.06e-005	+2.08e-006
357	-1.20e-004	+3.53e-005	-1.69e-004	+2.60e-004	-7.30e-006	-4.92e-007
358	-1.35e-004	+2.61e-005	-1.69e-004	+2.61e-004	-6.71e-006	+3.63e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
359	-1.26e-004	-7.99e-005	-1.84e-004	+1.94e-004	-5.63e-006	-9.85e-007
360	-1.40e-004	-8.68e-005	-1.85e-004	+1.88e-004	-4.71e-006	+2.73e-005
361	-1.78e-004	+1.65e-004	-1.45e-004	+2.64e-004	-8.44e-006	+1.21e-005
362	-1.58e-004	+1.65e-004	-1.48e-004	+2.84e-004	-8.24e-006	-8.70e-006
363	-1.67e-004	+2.29e-005	-1.68e-004	+2.56e-004	-3.14e-006	-3.11e-005
364	-1.85e-004	+3.01e-005	-1.65e-004	+2.51e-004	-1.23e-006	+1.37e-006
365	-2.67e-004	+1.26e-004	-1.45e-004	+1.91e-004	+9.11e-006	+1.44e-005
366	-2.44e-004	+1.34e-004	-1.39e-004	+2.18e-004	+2.97e-005	-2.48e-006
367	-2.48e-004	+1.31e-005	-1.60e-004	+2.24e-004	+3.56e-005	-3.29e-005
368	-2.70e-004	+1.80e-005	-1.67e-004	+2.15e-004	+2.33e-005	-1.48e-005
369	-2.44e-004	-9.89e-005	-1.75e-004	+2.04e-004	+3.31e-005	-2.85e-005
370	-2.65e-004	-9.50e-005	-1.84e-004	+2.17e-004	+2.92e-005	-1.25e-005
371	+1.81e-004	+2.77e-004	-6.92e-005	-5.84e-005	+4.49e-005	-4.93e-005
372	+1.74e-004	+1.59e-004	-5.58e-005	-1.06e-004	+1.60e-004	-3.75e-005
373	+1.59e-004	+1.82e-004	-4.59e-005	-1.44e-004	+7.71e-005	-5.04e-005
374	+1.46e-004	+2.07e-004	-4.29e-005	-1.59e-004	+9.56e-005	-4.74e-005
375	+1.33e-004	+2.29e-004	-4.55e-005	-1.79e-004	+7.38e-005	-4.07e-005
376	+9.36e-005	+9.30e-005	-3.33e-005	-1.85e-004	+1.92e-004	-1.99e-005
377	+2.57e-006	+6.50e-007	-2.39e-006	-2.68e-004	+1.07e-004	-1.75e-006
378	+8.45e-005	+1.06e-004	-2.21e-005	-2.30e-004	+9.98e-005	-2.73e-005
379	+2.42e-006	+9.29e-007	-2.10e-006	-2.89e-004	+1.31e-004	-5.98e-007
380	+7.85e-005	+1.19e-004	-2.09e-005	-2.50e-004	+1.20e-004	-2.61e-005
381	+2.25e-006	+1.06e-006	-2.43e-006	-3.18e-004	+1.12e-004	-5.59e-007
382	+7.30e-005	+1.31e-004	-2.22e-005	-2.76e-004	+9.97e-005	-2.31e-005
383	-2.32e-004	+2.24e-004	-1.17e-004	+1.57e-004	+1.16e-005	-2.66e-005
384	-2.55e-004	+2.04e-004	-1.21e-004	+1.39e-004	-9.68e-006	+4.24e-005
385	-2.78e-004	+1.76e-004	-1.25e-004	+1.19e-004	+2.45e-006	+6.37e-005
386	-2.10e-004	+2.79e-004	-9.45e-005	+6.00e-005	-1.37e-005	+4.30e-005
387	-2.31e-004	+2.53e-004	-9.62e-005	+5.59e-005	-3.49e-005	+5.64e-005
388	-2.52e-004	+2.20e-004	-9.97e-005	+4.88e-005	-1.99e-005	+6.93e-005
389	-1.75e-004	+2.85e-004	-7.08e-005	-5.94e-005	-4.42e-005	+4.62e-005
390	-1.93e-004	+2.58e-004	-7.04e-005	-5.08e-005	-6.42e-005	+5.64e-005
391	-2.11e-004	+2.28e-004	-7.43e-005	-4.62e-005	-4.68e-005	+6.31e-005
392	-1.28e-004	+2.35e-004	-4.69e-005	-1.83e-004	-7.31e-005	+3.81e-005
393	-1.41e-004	+2.15e-004	-4.49e-005	-1.64e-004	-9.40e-005	+4.45e-005
394	-1.53e-004	+1.91e-004	-4.89e-005	-1.50e-004	-7.67e-005	+4.73e-005
395	-2.10e-006	+1.11e-006	-2.56e-006	-3.25e-004	-1.11e-004	+5.46e-007
396	-7.04e-005	+1.35e-004	-2.31e-005	-2.83e-004	-9.87e-005	+2.15e-005
397	-2.23e-006	+9.97e-007	-2.28e-006	-2.98e-004	-1.28e-004	+5.45e-007
398	-7.55e-005	+1.23e-004	-2.21e-005	-2.58e-004	-1.18e-004	+2.44e-005
399	-2.33e-006	+7.60e-007	-2.65e-006	-2.78e-004	-1.06e-004	+1.47e-006
400	-8.08e-005	+1.11e-004	-2.40e-005	-2.39e-004	-9.89e-005	+2.53e-005
401	-3.74e-004	-6.05e-006	-1.98e-004	+1.58e-004	+2.18e-005	-3.46e-005
402	-3.35e-004	+2.84e-005	-1.73e-004	+1.29e-004	+3.87e-005	+4.99e-005
403	-3.38e-004	-6.07e-005	-2.05e-004	+1.45e-004	+5.63e-005	+5.09e-005
404	-3.80e-004	-9.52e-005	-2.34e-004	+1.36e-004	+2.69e-005	-3.62e-005
405	-3.33e-004	-1.55e-004	-2.33e-004	+1.57e-004	+6.84e-005	+1.37e-005
406	-3.82e-004	-1.65e-004	-2.64e-004	+1.09e-004	+3.25e-005	-1.02e-004
407	-8.92e-005	+9.94e-005	-3.67e-005	-1.98e-004	-1.84e-004	+1.83e-005
408	-1.67e-004	+1.69e-004	-6.08e-005	-1.13e-004	-1.55e-004	+3.53e-005
409	-2.29e-004	+1.98e-004	-8.29e-005	-1.73e-005	-1.17e-004	+4.93e-005
410	-2.73e-004	+1.86e-004	-1.05e-004	+6.71e-005	-7.88e-005	+5.92e-005
411	-3.01e-004	+1.41e-004	-1.27e-004	+1.27e-004	-4.88e-005	+6.43e-005
412	-1.97e-006	+7.44e-008	-3.65e-006	-2.28e-004	-1.85e-004	+1.19e-006
413	-9.73e-005	+8.70e-005	-2.87e-005	-1.95e-004	-1.66e-004	+4.71e-006
414	-1.81e-004	+1.47e-004	-5.79e-005	-1.21e-004	-1.22e-004	+9.23e-006
415	-2.47e-004	+1.67e-004	-8.78e-005	-3.45e-005	-7.10e-005	+1.45e-005
416	-2.93e-004	+1.48e-004	-1.17e-004	+4.29e-005	-2.27e-005	+2.22e-005
417	-3.22e-004	+9.73e-005	-1.46e-004	+9.78e-005	+1.52e-005	+3.40e-005
418	-2.08e-006	-3.86e-007	-3.97e-006	-2.17e-004	-2.08e-004	+2.12e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
419	-1.08e-004	+8.24e-005	-3.32e-005	-1.82e-004	-1.93e-004	-1.51e-005
420	-2.04e-004	+1.36e-004	-6.53e-005	-1.05e-004	-1.51e-004	-2.95e-005
421	-2.79e-004	+1.52e-004	-1.01e-004	-1.75e-005	-9.48e-005	-4.16e-005
422	-1.39e-003	+4.10e-004	-2.83e-004	-5.70e-005	-3.02e-004	-1.17e-003
423	-9.47e-004	+2.59e-004	-2.81e-004	-5.69e-006	-1.49e-004	-9.65e-004
424	-1.04e-003	+2.30e-004	-2.92e-004	-3.74e-005	-1.53e-004	-1.11e-003
425	-1.55e-003	+4.32e-004	-2.99e-004	-8.12e-005	-2.85e-004	-1.35e-003
426	-1.11e-003	+2.68e-004	-2.94e-004	-6.85e-005	-1.49e-004	-1.26e-003
427	-1.69e-003	+4.80e-004	-3.06e-004	-1.16e-004	-2.70e-004	-1.51e-003
428	-3.29e-004	+1.29e-004	-1.35e-004	+6.40e-005	-4.15e-005	-4.86e-005
429	-3.59e-004	+7.19e-005	-1.66e-004	+1.28e-004	-2.45e-006	-4.76e-005
430	-1.96e-006	-9.17e-007	-5.67e-006	-2.57e-004	-2.10e-004	+2.61e-006
431	-1.27e-004	+8.82e-005	-4.21e-005	-2.17e-004	-1.99e-004	-5.12e-005
432	-2.46e-004	+1.45e-004	-8.53e-005	-1.39e-004	-1.55e-004	-1.01e-004
433	-3.36e-004	+1.67e-004	-1.25e-004	-5.20e-005	-9.11e-005	-1.49e-004
434	-3.96e-004	+1.51e-004	-1.62e-004	+3.46e-005	-3.09e-005	-1.92e-004
435	-4.30e-004	+9.97e-005	-1.93e-004	+1.11e-004	+1.35e-005	-2.27e-004
436	-1.69e-004	+1.08e-004	-8.26e-005	-2.13e-004	-3.60e-004	-1.13e-004
437	-3.18e-004	+1.90e-004	-1.30e-004	-1.44e-004	-2.98e-004	-2.23e-004
438	-4.35e-004	+2.39e-004	-1.66e-004	-6.29e-005	-2.20e-004	-3.29e-004
439	-5.17e-004	+2.51e-004	-1.97e-004	+1.81e-005	-1.42e-004	-4.33e-004
440	-5.67e-004	+2.28e-004	-2.25e-004	+9.41e-005	-7.98e-005	-5.33e-004
441	+4.72e-008	+7.69e-007	-6.38e-006	-2.12e-004	-5.47e-004	-2.11e-006
442	-2.35e-004	+1.09e-004	-5.40e-005	-2.01e-004	-5.12e-004	-1.67e-004
443	-3.74e-003	+8.10e-004	-1.21e-004	-2.42e-004	-9.98e-004	-1.31e-003
444	-3.09e-003	+7.86e-004	-2.10e-004	-2.28e-004	-8.19e-004	-1.33e-003
445	-3.49e-003	+8.99e-004	-2.25e-004	-2.16e-004	-7.45e-004	-1.51e-003
446	-4.22e-003	+9.33e-004	-1.36e-004	-2.32e-004	-9.02e-004	-1.48e-003
447	-3.86e-003	+1.01e-003	-2.33e-004	-2.12e-004	-7.05e-004	-1.68e-003
448	-4.66e-003	+1.05e-003	-1.46e-004	-2.27e-004	-8.51e-004	-1.63e-003
449	-4.18e-003	+1.11e-003	-2.40e-004	-2.01e-004	-6.33e-004	-1.82e-003
450	-5.05e-003	+1.16e-003	-1.55e-004	-2.19e-004	-7.58e-004	-1.75e-003
451	-6.29e-003	+1.31e-003	-7.38e-005	-2.21e-004	-8.03e-004	-1.80e-003
452	-7.16e-003	+1.35e-003	+1.49e-005	-2.27e-004	-8.81e-004	-1.78e-003
453	-4.47e-003	+1.22e-003	-2.46e-004	-1.98e-004	-5.96e-004	-1.94e-003
454	-5.40e-003	+1.26e-003	-1.61e-004	-2.14e-004	-7.07e-004	-1.87e-003
455	-1.20e-003	+3.41e-004	-3.19e-004	-1.03e-004	-2.18e-004	-1.37e-003
456	-1.83e-003	+5.53e-004	-3.16e-004	-1.39e-004	-2.96e-004	-1.64e-003
457	-2.72e-003	+8.86e-004	-3.26e-004	-1.45e-004	-3.76e-004	-1.90e-003
458	-3.52e-003	+1.17e-003	-3.25e-004	-2.00e-004	-4.73e-004	-1.96e-003
459	-1.30e-003	+3.95e-004	-3.36e-004	-7.86e-005	-1.92e-004	-1.46e-003
460	-1.96e-003	+6.23e-004	-3.29e-004	-1.18e-004	-2.77e-004	-1.74e-003
461	-3.24e-004	-2.46e-004	-2.53e-004	+1.56e-004	+7.07e-005	-4.99e-005
462	-3.82e-004	-2.16e-004	-2.87e-004	+8.57e-005	+1.81e-005	-1.99e-004
463	-5.22e-004	-9.91e-005	-3.24e-004	+1.08e-005	-1.62e-005	-6.03e-004
464	-7.66e-004	+2.25e-004	-3.45e-004	-5.84e-005	-1.02e-004	-1.06e-003
465	-3.10e-004	-3.33e-004	-2.66e-004	+1.55e-004	+7.43e-005	-1.14e-004
466	-3.83e-004	-2.65e-004	-2.99e-004	+1.00e-004	+2.46e-005	-2.95e-004
467	-2.40e-004	-1.96e-004	-1.92e-004	+1.92e-004	+3.07e-005	-1.39e-006
468	-2.58e-004	-2.03e-004	-2.00e-004	+2.19e-004	+3.48e-005	+1.22e-005
469	-2.59e-004	-3.29e-004	-2.20e-004	+2.27e-004	+4.78e-005	+3.87e-005
470	-2.75e-004	-3.43e-004	-2.26e-004	+2.23e-004	+4.29e-005	-6.20e-006
471	-2.33e-004	-2.91e-004	-2.03e-004	+1.91e-004	+3.56e-005	+2.97e-005
472	-2.46e-004	-3.08e-004	-2.12e-004	+2.14e-004	+3.87e-005	+3.76e-005
473	-1.31e-004	-1.48e-004	-1.98e-004	+1.02e-004	-4.67e-006	+1.66e-006
474	-1.44e-004	-1.53e-004	-1.99e-004	+1.00e-004	-3.51e-006	+1.59e-005
475	-2.04e-004	-2.52e-004	-1.99e-004	+1.48e-004	+9.82e-006	+5.01e-005
476	-2.20e-004	-2.74e-004	-1.93e-004	+1.71e-004	+1.38e-005	+3.95e-005
477	-1.33e-004	-1.88e-004	-2.08e-004	+7.09e-005	-2.88e-006	+7.63e-006
478	-1.46e-004	-1.94e-004	-2.09e-004	+7.56e-005	-1.56e-006	+1.76e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
479	-1.88e-004	-8.51e-005	-1.80e-004	+2.03e-004	+2.56e-006	+2.48e-006
480	-1.71e-004	-8.99e-005	-1.83e-004	+1.91e-004	-6.47e-007	-2.24e-005
481	-1.73e-004	-1.62e-004	-1.97e-004	+1.20e-004	+6.82e-007	+2.66e-006
482	-1.89e-004	-1.66e-004	-1.94e-004	+1.44e-004	+4.30e-006	+1.72e-005
483	-2.94e-005	-1.56e-004	-1.90e-004	+8.01e-005	-2.15e-006	-1.31e-007
484	-3.75e-005	-1.52e-004	-1.90e-004	+8.81e-005	-2.72e-006	-1.12e-005
485	-7.64e-005	-1.85e-004	-2.02e-004	+5.65e-005	-3.45e-006	-4.11e-006
486	-8.67e-005	-1.83e-004	-2.03e-004	+5.99e-005	-3.76e-006	-4.87e-008
487	-3.08e-005	-1.87e-004	-1.98e-004	+5.32e-005	-1.45e-006	-1.74e-007
488	-3.92e-005	-1.85e-004	-1.99e-004	+5.63e-005	-1.85e-006	-4.10e-006
489	-6.00e-005	-9.68e-005	-1.79e-004	+1.79e-004	-4.58e-006	-1.88e-007
490	-5.13e-005	-8.90e-005	-1.79e-004	+1.88e-004	-4.00e-006	+2.66e-005
491	-5.46e-005	-1.52e-004	-1.91e-004	+8.79e-005	-3.85e-006	+1.08e-005
492	-6.38e-005	-1.55e-004	-1.92e-004	+7.99e-005	-4.39e-006	-3.31e-007
493	+4.84e-005	-1.49e-004	-1.91e-004	+9.52e-005	+3.46e-006	+3.35e-007
494	+3.99e-005	-1.52e-004	-1.90e-004	+8.79e-005	+2.88e-006	+1.13e-005
495	+8.95e-006	-1.85e-004	-1.98e-004	+5.64e-005	+4.02e-007	+3.97e-006
496	+1.11e-006	-1.87e-004	-1.98e-004	+5.32e-005	+4.04e-008	+3.63e-008
497	+5.05e-005	-1.84e-004	-1.99e-004	+5.90e-005	+2.37e-006	+4.50e-007
498	+4.17e-005	-1.85e-004	-1.99e-004	+5.61e-005	+1.95e-006	+4.25e-006
499	+1.50e-005	-8.23e-005	-1.77e-004	+1.96e-004	+1.21e-006	+4.36e-008
500	+2.22e-005	-8.92e-005	-1.77e-004	+1.88e-004	+1.79e-006	-2.66e-005
501	+2.38e-005	-1.52e-004	-1.90e-004	+8.81e-005	+1.74e-006	-1.09e-005
502	+1.61e-005	-1.49e-004	-1.90e-004	+9.56e-005	+1.17e-006	+9.44e-008
503	+1.63e-004	-1.58e-004	-1.99e-004	+9.80e-005	+1.64e-006	-8.41e-006
504	+1.48e-004	-1.51e-004	-1.99e-004	+9.83e-005	+3.56e-006	-1.51e-005
505	+1.01e-004	-1.84e-004	-2.05e-004	+5.69e-005	+4.08e-006	-3.70e-006
506	+9.00e-005	-1.83e-004	-2.03e-004	+5.92e-005	+3.90e-006	+5.19e-007
507	+1.64e-004	-2.00e-004	-2.09e-004	+8.15e-005	-5.07e-007	-2.07e-005
508	+1.51e-004	-1.91e-004	-2.09e-004	+7.38e-005	+1.58e-006	-1.65e-005
509	+1.04e-004	-9.55e-005	-1.83e-004	+1.77e-004	+6.33e-006	+1.62e-006
510	+1.17e-004	-8.68e-005	-1.84e-004	+1.85e-004	+6.24e-006	+2.87e-005
511	+1.22e-004	-1.50e-004	-1.98e-004	+8.99e-005	+5.49e-006	+1.18e-005
512	+1.09e-004	-1.54e-004	-1.97e-004	+8.02e-005	+5.76e-006	+1.23e-006
513	+2.84e-004	-2.12e-004	-2.05e-004	+2.32e-004	-4.53e-005	-3.12e-005
514	+2.65e-004	-1.98e-004	-1.98e-004	+2.15e-004	-3.52e-005	-1.12e-005
515	+2.39e-004	-2.85e-004	-2.02e-004	+1.88e-004	-3.57e-005	-2.86e-005
516	+2.26e-004	-2.69e-004	-1.92e-004	+1.69e-004	-1.49e-005	-3.84e-005
517	+2.66e-004	-3.23e-004	-2.17e-004	+2.25e-004	-4.83e-005	-3.85e-005
518	+2.53e-004	-3.02e-004	-2.10e-004	+2.12e-004	-3.95e-005	-3.69e-005
519	+5.04e-004	-9.42e-005	-3.01e-004	-2.05e-005	+2.48e-005	+4.82e-004
520	+3.91e-004	-2.13e-004	-2.78e-004	+8.60e-005	-2.08e-005	+1.95e-004
521	+3.18e-004	-3.27e-004	-2.59e-004	+1.55e-004	-7.61e-005	+1.12e-004
522	+2.83e-004	-3.37e-004	-2.21e-004	+2.21e-004	-4.58e-005	+5.86e-006
523	+5.27e-004	-9.94e-005	-3.13e-004	+1.41e-005	+1.21e-005	+5.92e-004
524	+3.90e-004	-2.62e-004	-2.90e-004	+1.02e-004	-2.82e-005	+2.89e-004
525	+2.52e-003	+7.87e-004	-3.05e-004	-1.55e-004	+3.92e-004	+1.76e-003
526	+1.82e-003	+5.41e-004	-3.02e-004	-1.38e-004	+2.88e-004	+1.62e-003
527	+1.29e-003	+3.86e-004	-3.23e-004	-7.61e-005	+1.83e-004	+1.44e-003
528	+7.68e-004	+2.19e-004	-3.32e-004	-5.60e-005	+9.35e-005	+1.04e-003
529	+2.70e-003	+8.70e-004	-3.11e-004	-1.43e-004	+3.68e-004	+1.87e-003
530	+1.95e-003	+6.10e-004	-3.15e-004	-1.16e-004	+2.68e-004	+1.72e-003
531	+5.84e-003	+1.17e-003	-4.73e-005	-2.44e-004	+8.64e-004	+1.68e-003
532	+5.01e-003	+1.13e-003	-1.37e-004	-2.18e-004	+7.48e-004	+1.74e-003
533	+4.44e-003	+1.19e-003	-2.29e-004	-1.99e-004	+5.86e-004	+1.92e-003
534	+3.49e-003	+1.15e-003	-3.08e-004	-2.01e-004	+4.64e-004	+1.94e-003
535	+6.24e-003	+1.28e-003	-5.40e-005	-2.19e-004	+7.93e-004	+1.78e-003
536	+5.35e-003	+1.24e-003	-1.43e-004	-2.18e-004	+6.97e-004	+1.85e-003
537	-1.68e-007	+1.97e-006	-4.20e-006	-4.22e-004	-3.71e-006	+8.45e-009
538	-1.08e-007	+1.97e-006	-4.20e-006	-4.22e-004	-2.39e-006	-6.38e-011

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
539	-2.23e-006	+1.82e-004	-3.45e-005	-3.68e-004	-2.30e-006	+1.10e-008
540	-3.46e-006	+1.82e-004	-3.45e-005	-3.68e-004	-3.58e-006	+8.50e-008
541	-9.05e-006	+3.19e-004	-6.23e-005	-2.35e-004	-4.59e-006	+6.33e-008
542	-1.16e-005	+3.19e-004	-6.22e-005	-2.35e-004	-5.88e-006	-1.34e-007
543	-4.26e-006	+3.19e-004	-6.24e-005	-2.35e-004	-2.16e-006	+2.02e-008
544	-6.61e-006	+3.19e-004	-6.23e-005	-2.35e-004	-3.36e-006	+2.72e-007
545	-2.93e-005	+3.86e-004	-8.72e-005	-6.43e-005	-9.38e-006	+4.46e-007
546	-2.48e-005	+3.86e-004	-8.74e-005	-6.51e-005	-7.99e-006	+1.07e-006
547	-3.17e-005	+3.77e-004	-1.10e-004	+1.04e-004	-7.21e-006	+2.78e-006
548	-3.73e-005	+3.76e-004	-1.10e-004	+1.06e-004	-8.42e-006	+4.45e-007
549	-5.16e-005	+2.99e-004	-1.31e-004	+2.36e-004	-8.49e-006	-6.79e-006
550	-5.95e-005	+3.01e-004	-1.31e-004	+2.30e-004	-9.59e-006	+7.58e-007
551	-3.77e-005	+2.99e-004	-1.31e-004	+2.37e-004	-6.38e-006	+7.57e-006
552	-4.44e-005	+2.97e-004	-1.31e-004	+2.43e-004	-7.42e-006	+3.68e-007
553	-9.55e-006	+3.87e-004	-8.77e-005	-6.52e-005	-3.11e-006	+8.31e-007
554	-6.15e-006	+3.87e-004	-8.77e-005	-6.60e-005	-2.01e-006	+2.61e-008
555	-7.89e-006	+3.78e-004	-1.10e-004	+1.01e-004	-1.83e-006	+2.76e-008
556	-1.22e-005	+3.77e-004	-1.10e-004	+1.04e-004	-2.83e-006	+2.54e-006
557	-2.00e-005	+2.97e-004	-1.31e-004	+2.43e-004	-3.45e-006	+6.73e-008
558	-2.56e-005	+2.99e-004	-1.31e-004	+2.37e-004	-4.39e-006	-7.22e-006
559	-9.44e-006	+3.02e-004	-1.31e-004	+2.31e-004	-1.64e-006	+2.44e-008
560	-1.46e-005	+3.00e-004	-1.31e-004	+2.37e-004	-2.53e-006	+7.37e-006
561	-3.65e-007	+1.97e-006	-4.17e-006	-4.22e-004	-8.05e-006	-7.52e-010
562	-7.51e-006	+1.82e-004	-3.43e-005	-3.68e-004	-7.74e-006	+8.42e-008
563	-1.43e-005	+3.19e-004	-6.21e-005	-2.35e-004	-7.24e-006	+1.52e-007
564	-2.06e-005	+3.87e-004	-8.75e-005	-6.60e-005	-6.68e-006	+1.91e-007
565	-1.67e-005	+1.76e-004	-1.48e-004	+3.04e-004	-2.21e-006	+1.96e-005
566	-1.08e-005	+1.81e-004	-1.48e-004	+2.93e-004	-1.43e-006	+1.69e-008
567	-1.21e-005	+3.43e-005	-1.65e-004	+2.65e-004	-1.14e-006	+1.72e-009
568	-1.87e-005	+2.53e-005	-1.65e-004	+2.67e-004	-1.77e-006	+3.54e-005
569	-1.30e-005	-8.23e-005	-1.77e-004	+1.96e-004	-1.06e-006	-2.08e-008
570	-2.02e-005	-8.92e-005	-1.77e-004	+1.88e-004	-1.63e-006	+2.67e-005
571	-3.58e-005	+1.81e-004	-1.48e-004	+2.93e-004	-4.65e-006	+9.88e-008
572	-3.99e-005	+3.44e-005	-1.65e-004	+2.64e-004	-3.72e-006	-5.05e-009
573	+4.60e-007	+1.97e-006	-4.14e-006	-4.22e-004	+1.02e-005	-7.36e-009
574	+5.44e-007	+1.97e-006	-4.12e-006	-4.22e-004	+1.20e-005	+2.17e-009
575	+1.12e-005	+1.82e-004	-3.40e-005	-3.67e-004	+1.15e-005	-2.54e-007
576	+9.47e-006	+1.82e-004	-3.41e-005	-3.68e-004	+9.76e-006	-2.32e-007
577	+1.51e-005	+3.19e-004	-6.20e-005	-2.35e-004	+7.62e-006	-2.05e-007
578	+1.23e-005	+3.19e-004	-6.21e-005	-2.35e-004	+6.25e-006	+9.26e-008
579	+2.12e-005	+3.18e-004	-6.17e-005	-2.34e-004	+1.07e-005	-4.54e-007
580	+1.80e-005	+3.19e-004	-6.19e-005	-2.35e-004	+9.09e-006	-5.36e-007
581	+7.10e-006	+3.87e-004	-8.77e-005	-6.60e-005	+2.31e-006	-5.59e-008
582	+1.05e-005	+3.87e-004	-8.76e-005	-6.52e-005	+3.43e-006	-8.66e-007
583	+1.35e-005	+3.77e-004	-1.10e-004	+1.04e-004	+3.12e-006	-2.57e-006
584	+9.11e-006	+3.78e-004	-1.10e-004	+1.01e-004	+2.11e-006	-5.94e-008
585	+5.78e-006	+3.00e-004	-1.31e-004	+2.37e-004	+9.96e-007	+7.29e-006
586	+7.17e-007	+2.97e-004	-1.31e-004	+2.43e-004	+1.20e-007	-1.22e-008
587	+1.61e-005	+2.99e-004	-1.31e-004	+2.37e-004	+2.78e-006	-7.40e-006
588	+1.09e-005	+3.02e-004	-1.31e-004	+2.31e-004	+1.88e-006	-5.24e-008
589	+2.60e-005	+3.86e-004	-8.73e-005	-6.51e-005	+8.36e-006	-1.16e-006
590	+3.06e-005	+3.86e-004	-8.72e-005	-6.42e-005	+9.78e-006	-5.64e-007
591	+3.90e-005	+3.76e-004	-1.10e-004	+1.06e-004	+8.79e-006	-5.69e-007
592	+3.32e-005	+3.77e-004	-1.10e-004	+1.04e-004	+7.55e-006	-2.88e-006
593	+3.32e-005	+3.02e-004	-1.31e-004	+2.31e-004	+5.65e-006	-2.27e-007
594	+2.72e-005	+2.99e-004	-1.31e-004	+2.37e-004	+4.66e-006	+7.17e-006
595	+4.63e-005	+2.97e-004	-1.31e-004	+2.43e-004	+7.74e-006	-4.76e-007
596	+3.95e-005	+2.99e-004	-1.31e-004	+2.37e-004	+6.68e-006	-7.66e-006
597	+2.48e-007	+1.97e-006	-4.19e-006	-4.22e-004	+5.48e-006	+2.02e-010
598	+5.11e-006	+1.82e-004	-3.44e-005	-3.68e-004	+5.27e-006	-5.26e-008

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
599	+9.75e-006	+3.19e-004	-6.22e-005	-2.35e-004	+4.94e-006	-9.62e-008
600	+1.41e-005	+3.86e-004	-8.76e-005	-6.44e-005	+4.58e-006	-1.23e-007
601	+4.49e-005	+1.76e-004	-1.49e-004	+3.04e-004	+5.77e-006	-1.98e-005
602	+5.26e-005	+1.69e-004	-1.49e-004	+3.16e-004	+6.65e-006	-3.07e-007
603	+5.83e-005	+1.11e-005	-1.66e-004	+2.68e-004	+5.27e-006	-3.88e-008
604	+4.99e-005	+2.54e-005	-1.66e-004	+2.66e-004	+4.59e-006	-3.54e-005
605	+6.26e-005	-9.67e-005	-1.79e-004	+1.79e-004	+4.78e-006	+2.73e-007
606	+5.37e-005	-8.89e-005	-1.79e-004	+1.88e-004	+4.19e-006	-2.65e-005
607	+2.46e-005	+1.70e-004	-1.48e-004	+3.16e-004	+3.23e-006	-6.26e-008
608	+2.75e-005	+1.11e-005	-1.65e-004	+2.69e-004	+2.58e-006	+1.39e-008
609	+2.04e-006	+1.95e-006	-3.40e-006	-3.89e-004	+4.31e-005	-1.49e-007
610	+2.34e-006	+1.91e-006	-3.23e-006	-3.73e-004	+5.64e-005	-3.10e-007
611	+4.76e-005	+1.61e-004	-2.79e-005	-3.25e-004	+5.09e-005	-1.67e-005
612	+4.12e-005	+1.68e-004	-2.91e-005	-3.38e-004	+4.01e-005	-1.25e-005
613	+6.65e-005	+3.02e-004	-5.67e-005	-2.22e-004	+3.11e-005	-1.60e-005
614	+5.78e-005	+3.08e-004	-5.81e-005	-2.27e-004	+2.71e-005	-1.11e-005
615	+8.89e-005	+2.81e-004	-5.30e-005	-2.07e-004	+4.45e-005	-2.98e-005
616	+7.68e-005	+2.93e-004	-5.50e-005	-2.16e-004	+3.42e-005	-2.22e-005
617	+5.42e-005	+3.83e-004	-8.61e-005	-6.40e-005	+1.66e-005	-3.24e-006
618	+6.21e-005	+3.82e-004	-8.56e-005	-6.47e-005	+1.86e-005	-4.48e-006
619	+7.80e-005	+3.73e-004	-1.09e-004	+1.02e-004	+1.59e-005	-2.27e-006
620	+6.84e-005	+3.73e-004	-1.10e-004	+1.05e-004	+1.44e-005	-2.91e-006
621	+7.06e-005	+2.98e-004	-1.31e-004	+2.36e-004	+1.11e-005	-8.64e-006
622	+6.17e-005	+3.01e-004	-1.31e-004	+2.30e-004	+9.94e-006	-9.44e-007
623	+9.13e-005	+2.96e-004	-1.31e-004	+2.33e-004	+1.32e-005	+4.17e-006
624	+8.04e-005	+2.95e-004	-1.31e-004	+2.41e-004	+1.22e-005	-1.90e-006
625	+1.07e-004	+3.56e-004	-8.06e-005	-6.10e-005	+2.80e-005	-2.66e-005
626	+1.24e-004	+3.41e-004	-7.84e-005	-5.94e-005	+3.57e-005	-3.64e-005
627	+1.51e-004	+3.35e-004	-1.03e-004	+8.61e-005	+2.57e-005	-3.51e-005
628	+1.32e-004	+3.48e-004	-1.05e-004	+9.30e-005	+2.11e-005	-2.39e-005
629	+1.33e-004	+2.83e-004	-1.29e-004	+2.29e-004	+1.55e-005	-1.45e-005
630	+1.17e-004	+2.91e-004	-1.30e-004	+2.27e-004	+1.48e-005	-1.67e-005
631	+1.71e-004	+2.69e-004	-1.25e-004	+2.01e-004	+1.66e-005	-2.64e-005
632	+1.51e-004	+2.77e-004	-1.28e-004	+2.16e-004	+1.44e-005	-1.30e-005
633	+1.32e-006	+1.98e-006	-3.81e-006	-4.13e-004	+2.88e-005	+3.67e-009
634	+2.68e-005	+1.78e-004	-3.20e-005	-3.60e-004	+2.69e-005	-4.02e-006
635	+5.02e-005	+3.12e-004	-5.91e-005	-2.30e-004	+2.40e-005	-7.07e-006
636	+7.11e-005	+3.79e-004	-8.49e-005	-6.52e-005	+2.08e-005	-8.43e-006
637	+1.63e-004	+1.64e-004	-1.48e-004	+2.81e-004	+8.40e-006	+7.81e-006
638	+1.83e-004	+1.63e-004	-1.45e-004	+2.60e-004	+8.56e-006	-1.31e-005
639	+1.91e-004	+3.00e-005	-1.65e-004	+2.47e-004	+1.14e-006	-1.43e-006
640	+1.72e-004	+2.28e-005	-1.68e-004	+2.54e-004	+3.14e-006	+3.10e-005
641	+1.94e-004	-8.35e-005	-1.80e-004	+2.00e-004	-2.80e-006	-1.86e-006
642	+1.76e-004	-8.86e-005	-1.83e-004	+1.89e-004	+5.46e-007	+2.29e-005
643	+1.15e-004	+1.79e-004	-1.51e-004	+2.86e-004	+1.09e-005	-2.43e-006
644	+1.24e-004	+3.53e-005	-1.70e-004	+2.59e-004	+7.50e-006	+5.02e-007
645	-4.45e-004	+2.02e-004	-1.07e-004	-1.64e-004	-4.34e-004	-3.32e-004
646	-6.20e-004	+2.65e-004	-1.57e-004	-1.15e-004	-3.41e-004	-4.92e-004
647	+2.17e-004	+2.35e-004	-1.11e-004	+1.83e-004	+3.68e-005	-3.36e-005
648	-7.57e-004	+2.95e-004	-2.02e-004	-6.91e-005	-2.48e-004	-6.50e-004
649	-8.60e-004	+2.94e-004	-2.43e-004	-2.54e-005	-1.75e-004	-8.08e-004
650	-3.75e-007	+7.54e-007	-5.94e-006	-2.73e-004	-7.20e-004	-1.70e-006
651	-3.17e-004	+1.24e-004	-5.45e-005	-2.54e-004	-6.87e-004	-2.02e-004
652	-6.08e-004	+2.28e-004	-1.07e-004	-2.13e-004	-6.08e-004	-4.02e-004
653	-8.60e-004	+3.09e-004	-1.61e-004	-1.67e-004	-5.10e-004	-5.99e-004
654	-1.07e-003	+3.66e-004	-2.11e-004	-1.18e-004	-4.16e-004	-7.92e-004
655	-1.24e-003	+3.96e-004	-2.54e-004	-7.44e-005	-3.44e-004	-9.83e-004
656	+5.59e-003	+9.70e-004	+7.04e-005	-4.72e-003	+9.26e-004	+1.43e-003
657	-7.51e-007	+7.86e-007	-7.46e-006	-3.41e-004	-9.20e-004	-1.99e-006
658	-4.10e-004	+1.42e-004	-6.31e-005	-3.16e-004	-8.87e-004	-2.25e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
659	-7.95e-004	+2.62e-004	-1.25e-004	-2.78e-004	-8.05e-004	-4.47e-004
660	-1.14e-003	+3.68e-004	-1.80e-004	-2.42e-004	-7.00e-004	-6.65e-004
661	-1.43e-003	+4.56e-004	-2.27e-004	-2.00e-004	-5.99e-004	-8.78e-004
662	-1.68e-003	+5.25e-004	-2.63e-004	-1.66e-004	-5.15e-004	-1.08e-003
663	-5.15e-004	+1.53e-004	-1.06e-004	-3.30e-004	-1.12e-003	-2.41e-004
664	-9.97e-004	+3.00e-004	-1.68e-004	-3.19e-004	-1.03e-003	-4.79e-004
665	-1.43e-003	+4.38e-004	-2.15e-004	-2.90e-004	-9.14e-004	-7.10e-004
666	-1.81e-003	+5.62e-004	-2.51e-004	-2.54e-004	-8.01e-004	-9.29e-004
667	-2.15e-003	+6.69e-004	-2.78e-004	-2.22e-004	-7.03e-004	-1.14e-003
668	-1.36e-006	+3.91e-006	-6.29e-006	-1.46e-004	-1.44e-003	-1.90e-006
669	-6.37e-004	+1.33e-004	-4.77e-005	-2.18e-004	-1.40e-003	-2.52e-004
670	-1.24e-003	+2.81e-004	-9.45e-005	-2.52e-004	-1.29e-003	-4.98e-004
671	-1.10e-006	+1.98e-006	-3.91e-006	-4.17e-004	-2.42e-005	-2.08e-008
672	-9.54e-007	+1.97e-006	-3.98e-006	-4.19e-004	-2.09e-005	-1.24e-008
673	-1.95e-005	+1.81e-004	-3.31e-005	-3.65e-004	-1.98e-005	+1.42e-006
674	-2.25e-005	+1.80e-004	-3.27e-005	-3.64e-004	-2.27e-005	+2.25e-006
675	-4.86e-005	+3.13e-004	-5.93e-005	-2.31e-004	-2.32e-005	+6.47e-006
676	-5.59e-005	+3.09e-004	-5.83e-005	-2.28e-004	-2.62e-005	+1.02e-005
677	-3.68e-005	+3.17e-004	-6.06e-005	-2.33e-004	-1.80e-005	+2.46e-006
678	-4.23e-005	+3.15e-004	-6.00e-005	-2.32e-004	-2.04e-005	+3.80e-006
679	-1.20e-004	+3.45e-004	-7.88e-005	-6.02e-005	-3.48e-005	+3.40e-005
680	-1.04e-004	+3.58e-004	-8.09e-005	-6.17e-005	-2.72e-005	+2.47e-005
681	-1.28e-004	+3.51e-004	-1.05e-004	+9.36e-005	-2.06e-005	+2.21e-005
682	-1.46e-004	+3.38e-004	-1.03e-004	+8.70e-005	-2.51e-005	+3.27e-005
683	-1.87e-004	+2.57e-004	-1.21e-004	+1.96e-004	-1.71e-006	+3.71e-005
684	-2.11e-004	+2.40e-004	-1.12e-004	+1.87e-004	-3.58e-005	+3.13e-005
685	-1.46e-004	+2.80e-004	-1.28e-004	+2.18e-004	-1.41e-005	+1.15e-005
686	-1.65e-004	+2.72e-004	-1.25e-004	+2.03e-004	-1.62e-005	+2.45e-005
687	-6.01e-005	+3.82e-004	-8.57e-005	-6.49e-005	-1.80e-005	+3.94e-006
688	-5.24e-005	+3.84e-004	-8.62e-005	-6.41e-005	-1.60e-005	+2.85e-006
689	-6.61e-005	+3.74e-004	-1.10e-004	+1.05e-004	-1.39e-005	+2.51e-006
690	-7.55e-005	+3.73e-004	-1.10e-004	+1.02e-004	-1.54e-005	+1.73e-006
691	-1.00e-004	+2.97e-004	-1.31e-004	+2.25e-004	-1.37e-005	+4.96e-006
692	-1.14e-004	+2.92e-004	-1.31e-004	+2.28e-004	-1.44e-005	+1.58e-005
693	-7.77e-005	+2.95e-004	-1.31e-004	+2.41e-004	-1.18e-005	+1.58e-006
694	-8.83e-005	+2.97e-004	-1.31e-004	+2.34e-004	-1.28e-005	-4.60e-006
695	-1.71e-006	+1.97e-006	-3.59e-006	-4.02e-004	-3.75e-005	+6.32e-008
696	-3.45e-005	+1.73e-004	-3.05e-005	-3.50e-004	-3.46e-005	+8.35e-006
697	-6.44e-005	+3.04e-004	-5.70e-005	-2.24e-004	-3.01e-005	+1.48e-005
698	-9.05e-005	+3.68e-004	-8.27e-005	-6.25e-005	-2.53e-005	+1.80e-005
699	-9.86e-005	+1.75e-004	-1.50e-004	+3.00e-004	-1.02e-005	-1.88e-005
700	-8.71e-005	+1.69e-004	-1.50e-004	+3.14e-004	-9.62e-006	+3.79e-007
701	-9.53e-005	+1.12e-005	-1.68e-004	+2.67e-004	-7.23e-006	-7.85e-007
702	-1.07e-004	+2.59e-005	-1.69e-004	+2.64e-004	-7.41e-006	-3.66e-005
703	-1.01e-004	-9.59e-005	-1.83e-004	+1.78e-004	-6.13e-006	-1.36e-006
704	-1.13e-004	-8.73e-005	-1.84e-004	+1.86e-004	-6.06e-006	-2.84e-005
705	-1.41e-004	+1.64e-004	-1.50e-004	+3.02e-004	-1.02e-005	+7.90e-006
706	-1.50e-004	+1.09e-005	-1.69e-004	+2.61e-004	-5.63e-006	+3.40e-006
707	-1.79e-003	+4.26e-004	-1.34e-004	-2.53e-004	-1.16e-003	-7.33e-004
708	-2.27e-003	+5.59e-004	-1.66e-004	-2.48e-004	-1.03e-003	-9.52e-004
709	-2.71e-003	+6.79e-004	-1.91e-004	-2.38e-004	-9.14e-004	-1.15e-003
710	-1.52e-006	+3.55e-006	-2.33e-006	-1.90e-004	-1.72e-003	-1.26e-007
711	-7.61e-004	+1.27e-004	-2.12e-005	-2.17e-004	-1.67e-003	-2.54e-004
712	-1.48e-003	+2.72e-004	-4.27e-005	-2.61e-004	-1.56e-003	-5.01e-004
713	-2.14e-003	+4.23e-004	-6.48e-005	-2.73e-004	-1.41e-003	-7.34e-004
714	-2.74e-003	+5.64e-004	-8.59e-005	-2.68e-004	-1.26e-003	-9.48e-004
715	-3.27e-003	+6.94e-004	-1.05e-004	-2.56e-004	-1.12e-003	-1.14e-003
716	-1.97e-006	+2.77e-006	+2.00e-006	-1.82e-004	-2.00e-003	-4.73e-006
717	-1.02e-003	+1.39e-004	+7.44e-005	-2.96e-004	-2.22e-003	-2.79e-004
718	-8.86e-004	+1.25e-004	+7.63e-006	-2.51e-004	-1.95e-003	-2.60e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
719	-1.98e-003	+2.91e-004	+1.05e-004	-3.32e-004	-2.08e-003	-5.34e-004
720	-1.73e-003	+2.77e-004	+1.35e-005	-2.97e-004	-1.82e-003	-5.07e-004
721	-2.87e-003	+4.47e-004	+1.12e-004	-3.33e-004	-1.89e-003	-7.69e-004
722	-2.50e-003	+4.31e-004	+1.05e-005	-3.02e-004	-1.65e-003	-7.37e-004
723	-3.67e-003	+5.98e-004	+1.04e-004	-3.17e-004	-1.69e-003	-9.78e-004
724	-3.20e-003	+5.78e-004	+3.37e-007	-2.94e-004	-1.48e-003	-9.47e-004
725	-4.37e-003	+7.37e-004	+8.81e-005	-2.94e-004	-1.49e-003	-1.16e-003
726	-3.82e-003	+7.14e-004	-1.36e-005	-2.77e-004	-1.31e-003	-1.13e-003
727	-6.67e-003	+1.41e-003	-7.60e-005	-2.20e-004	-7.89e-004	-1.87e-003
728	-5.74e-003	+1.36e-003	-1.63e-004	-2.13e-004	-7.06e-004	-1.96e-003
729	-4.76e-003	+1.31e-003	-2.48e-004	-1.97e-004	-5.95e-004	-2.05e-003
730	-2.89e-003	+9.59e-004	-3.31e-004	-1.31e-004	-3.48e-004	-2.02e-003
731	-2.09e-003	+6.78e-004	-3.36e-004	-9.27e-005	-2.29e-004	-1.86e-003
732	-1.37e-003	+4.33e-004	-3.44e-004	-5.63e-005	-1.15e-004	-1.57e-003
733	-5.32e-004	-1.27e-004	-3.31e-004	+7.88e-005	+2.67e-005	-6.89e-004
734	-3.76e-004	-3.29e-004	-3.05e-004	+1.41e-004	+5.23e-005	-3.65e-004
735	-2.92e-004	-4.24e-004	-2.73e-004	+1.75e-004	+8.83e-005	-1.61e-004
736	-2.41e-004	-4.39e-004	-2.27e-004	+2.27e-004	+4.84e-005	+4.63e-005
737	-2.32e-004	-4.12e-004	-2.19e-004	+2.12e-004	+3.91e-005	+5.85e-005
738	-2.23e-004	-3.85e-004	-2.10e-004	+1.91e-004	+3.75e-005	+5.52e-005
739	-1.06e-004	-1.54e-004	-1.96e-004	+8.12e-005	-5.58e-006	-7.34e-007
740	-1.18e-004	-1.51e-004	-1.97e-004	+9.12e-005	-5.33e-006	-1.12e-005
741	-1.74e-004	-2.15e-004	-2.07e-004	+1.02e-004	+3.20e-006	+2.74e-005
742	-1.88e-004	-2.30e-004	-2.04e-004	+1.26e-004	+6.45e-006	+4.05e-005
743	-1.99e-004	-3.23e-004	-2.05e-004	+1.48e-004	+1.09e-005	+7.56e-005
744	-1.72e-004	-2.63e-004	-2.13e-004	+9.97e-005	+3.96e-006	+4.90e-005
745	-1.85e-004	-2.90e-004	-2.10e-004	+1.22e-004	+7.26e-006	+6.51e-005
746	-1.09e-004	-1.86e-004	-2.06e-004	+5.64e-005	-3.93e-006	+1.45e-006
747	-1.21e-004	-1.86e-004	-2.07e-004	+6.28e-005	-3.62e-006	-2.16e-007
748	-1.35e-004	-2.20e-004	-2.13e-004	+6.53e-005	-2.34e-006	+1.46e-005
749	-1.47e-004	-2.29e-004	-2.14e-004	+7.21e-005	-1.01e-006	+2.56e-005
750	-1.11e-004	-2.13e-004	-2.11e-004	+5.47e-005	-3.39e-006	+4.18e-006
751	-1.23e-004	-2.16e-004	-2.12e-004	+5.90e-005	-3.08e-006	+6.47e-006
752	-1.55e-004	-9.57e-005	-1.84e-004	+1.81e-004	-3.17e-006	+3.11e-006
753	-1.58e-004	-1.60e-004	-1.99e-004	+1.00e-004	-1.68e-006	+9.25e-006
754	-1.40e-005	-1.49e-004	-1.90e-004	+9.57e-005	-1.03e-006	-4.44e-008
755	-2.16e-005	-1.52e-004	-1.90e-004	+8.82e-005	-1.59e-006	+1.09e-005
756	-5.70e-005	-1.85e-004	-2.00e-004	+5.62e-005	-2.67e-006	+3.58e-006
757	-6.65e-005	-1.86e-004	-2.01e-004	+5.32e-005	-3.08e-006	-2.92e-007
758	-7.81e-005	-2.11e-004	-2.07e-004	+5.24e-005	-2.93e-006	-1.55e-006
759	-5.84e-005	-2.11e-004	-2.05e-004	+5.21e-005	-2.22e-006	+1.44e-006
760	-6.81e-005	-2.11e-004	-2.06e-004	+5.11e-005	-2.59e-006	-1.39e-007
761	-1.46e-005	-1.84e-004	-1.98e-004	+5.94e-005	-6.86e-007	-6.47e-008
762	-2.26e-005	-1.85e-004	-1.98e-004	+5.64e-005	-1.06e-006	+3.76e-006
763	-3.16e-005	-2.12e-004	-2.03e-004	+5.11e-005	-1.17e-006	-2.07e-007
764	-4.02e-005	-2.11e-004	-2.03e-004	+5.21e-005	-1.51e-006	-1.95e-006
765	-1.50e-005	-2.11e-004	-2.02e-004	+5.33e-005	-5.50e-007	-8.09e-008
766	-2.32e-005	-2.11e-004	-2.02e-004	+5.22e-005	-8.53e-007	+1.55e-006
767	-4.30e-005	-8.22e-005	-1.78e-004	+1.96e-004	-3.41e-006	-1.26e-007
768	-4.59e-005	-1.49e-004	-1.91e-004	+9.55e-005	-3.29e-006	-2.23e-007
769	+6.65e-005	-1.55e-004	-1.92e-004	+7.95e-005	+4.58e-006	+5.13e-007
770	+5.72e-005	-1.52e-004	-1.92e-004	+8.76e-005	+4.03e-006	-1.06e-005
771	+2.49e-005	-1.85e-004	-1.98e-004	+5.63e-005	+1.15e-006	-3.66e-006
772	+1.69e-005	-1.84e-004	-1.98e-004	+5.94e-005	+7.70e-007	+1.48e-007
773	+9.17e-006	-2.11e-004	-2.02e-004	+5.22e-005	+3.16e-007	+1.82e-006
774	+2.55e-005	-2.11e-004	-2.02e-004	+5.21e-005	+9.17e-007	-1.41e-006
775	+1.73e-005	-2.11e-004	-2.02e-004	+5.32e-005	+6.10e-007	+1.99e-007
776	+6.93e-005	-1.86e-004	-2.01e-004	+5.27e-005	+3.21e-006	+5.86e-007
777	+5.97e-005	-1.85e-004	-2.00e-004	+5.59e-005	+2.79e-006	-3.35e-006
778	+5.18e-005	-2.10e-004	-2.04e-004	+5.29e-005	+1.94e-006	+5.34e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
779	+4.27e-005	-2.11e-004	-2.03e-004	+5.19e-005	+1.58e-006	+2.15e-006
780	+7.10e-005	-2.10e-004	-2.06e-004	+5.07e-005	+2.69e-006	+5.45e-007
781	+6.12e-005	-2.10e-004	-2.05e-004	+5.18e-005	+2.32e-006	-1.12e-006
782	+2.96e-005	-9.70e-005	-1.78e-004	+1.80e-004	+2.38e-006	+1.08e-007
783	+3.17e-005	-1.56e-004	-1.90e-004	+8.00e-005	+2.30e-006	+2.02e-007
784	+1.95e-004	-1.63e-004	-1.94e-004	+1.41e-004	-4.64e-006	-1.63e-005
785	+1.78e-004	-1.59e-004	-1.97e-004	+1.17e-004	-8.51e-007	-1.76e-006
786	+1.25e-004	-1.85e-004	-2.07e-004	+6.15e-005	+3.73e-006	+1.06e-006
787	+1.13e-004	-1.85e-004	-2.06e-004	+5.54e-005	+4.06e-006	-7.35e-007
788	+1.03e-004	-2.10e-004	-2.10e-004	+5.31e-005	+3.52e-006	-2.85e-006
789	+1.27e-004	-2.13e-004	-2.13e-004	+5.77e-005	+3.19e-006	-5.37e-006
790	+1.15e-004	-2.11e-004	-2.11e-004	+5.37e-005	+3.50e-006	-3.24e-006
791	+1.93e-004	-2.26e-004	-2.04e-004	+1.23e-004	-6.85e-006	-3.94e-005
792	+1.79e-004	-2.11e-004	-2.08e-004	+9.99e-005	-3.40e-006	-2.62e-005
793	+1.64e-004	-2.40e-004	-2.14e-004	+8.05e-005	-1.15e-006	-3.49e-005
794	+1.51e-004	-2.26e-004	-2.15e-004	+7.03e-005	+1.03e-006	-2.43e-005
795	+1.90e-004	-2.85e-004	-2.10e-004	+1.20e-004	-7.66e-006	-6.39e-005
796	+1.77e-004	-2.59e-004	-2.13e-004	+9.75e-005	-4.15e-006	-4.77e-005
797	+1.30e-004	-7.91e-005	-1.85e-004	+1.93e-004	+5.78e-006	+1.36e-006
798	+1.35e-004	-1.46e-004	-1.99e-004	+1.01e-004	+4.79e-006	-9.70e-007
799	+2.28e-004	-3.78e-004	-2.09e-004	+1.88e-004	-3.77e-005	-5.42e-005
800	+2.37e-004	-4.05e-004	-2.17e-004	+2.09e-004	-4.00e-005	-5.80e-005
801	+2.47e-004	-4.31e-004	-2.24e-004	+2.25e-004	-4.89e-005	-4.66e-005
802	+2.98e-004	-4.18e-004	-2.66e-004	+1.75e-004	-9.01e-005	+1.57e-004
803	+3.81e-004	-3.25e-004	-2.97e-004	+1.41e-004	-5.56e-005	+3.57e-004
804	+5.35e-004	-1.28e-004	-3.21e-004	+8.14e-005	-3.02e-005	+6.77e-004
805	+1.36e-003	+4.23e-004	-3.31e-004	-5.40e-005	+1.07e-004	+1.55e-003
806	+2.07e-003	+6.65e-004	-3.22e-004	-9.11e-005	+2.21e-004	+1.84e-003
807	+2.87e-003	+9.43e-004	-3.16e-004	-1.29e-004	+3.40e-004	+2.00e-003
808	+6.65e-003	+1.21e-003	+4.37e-005	-6.21e-004	+9.56e-004	+1.67e-003
809	+4.72e-003	+1.29e-003	-2.31e-004	-1.98e-004	+5.85e-004	+2.03e-003
810	+5.69e-003	+1.34e-003	-1.45e-004	-2.15e-004	+6.96e-004	+1.95e-003
811	+7.10e-003	+1.33e-003	+3.62e-005	-1.21e-004	+8.76e-004	+1.76e-003
812	+6.61e-003	+1.39e-003	-5.62e-005	-2.25e-004	+7.78e-004	+1.85e-003
813	-4.96e-008	+1.97e-006	-4.21e-006	-4.22e-004	-1.10e-006	-8.61e-009
814	-1.02e-006	+1.82e-004	-3.46e-005	-3.68e-004	-1.06e-006	-6.12e-008
815	-1.95e-006	+3.19e-004	-6.24e-005	-2.35e-004	-9.95e-007	-2.28e-007
816	-2.83e-006	+3.87e-004	-8.77e-005	-6.52e-005	-9.24e-007	-7.76e-007
817	-2.64e-005	+3.78e-004	-1.10e-004	+1.01e-004	-6.04e-006	+1.95e-007
818	-3.15e-005	+3.02e-004	-1.31e-004	+2.31e-004	-5.37e-006	+1.63e-007
819	-3.63e-006	+3.77e-004	-1.10e-004	+1.04e-004	-8.43e-007	-2.48e-006
820	-4.34e-006	+3.00e-004	-1.31e-004	+2.37e-004	-7.55e-007	-7.32e-006
821	-4.96e-006	+1.76e-004	-1.48e-004	+3.04e-004	-6.61e-007	-1.95e-005
822	-5.54e-006	+2.53e-005	-1.64e-004	+2.67e-004	-5.30e-007	-3.54e-005
823	-5.99e-006	-8.92e-005	-1.77e-004	+1.88e-004	-4.92e-007	-2.67e-005
824	+6.36e-007	+1.97e-006	-4.09e-006	-4.21e-004	+1.40e-005	+1.24e-008
825	+1.30e-005	+1.82e-004	-3.38e-005	-3.67e-004	+1.34e-005	-3.27e-007
826	+2.48e-005	+3.18e-004	-6.15e-005	-2.34e-004	+1.24e-005	-4.60e-007
827	+3.56e-005	+3.86e-004	-8.70e-005	-6.50e-005	+1.13e-005	-6.38e-008
828	+1.80e-005	+3.77e-004	-1.10e-004	+1.06e-004	+4.16e-006	-1.27e-007
829	+2.16e-005	+2.97e-004	-1.31e-004	+2.43e-004	+3.71e-006	-1.07e-007
830	+4.53e-005	+3.77e-004	-1.10e-004	+1.03e-004	+1.01e-005	+1.65e-006
831	+5.37e-005	+2.99e-004	-1.31e-004	+2.36e-004	+8.83e-006	+6.65e-006
832	+6.08e-005	+1.75e-004	-1.49e-004	+3.03e-004	+7.53e-006	+1.91e-005
833	+6.72e-005	+2.53e-005	-1.67e-004	+2.66e-004	+5.93e-006	+3.54e-005
834	+7.20e-005	-8.87e-005	-1.80e-004	+1.87e-004	+5.32e-006	+2.71e-005
835	+2.60e-006	+1.79e-006	-3.25e-006	-3.53e-004	+4.07e-005	-9.72e-007
836	+5.50e-005	+1.52e-004	-2.69e-005	-3.07e-004	+4.51e-005	-2.06e-005
837	+1.04e-004	+2.66e-004	-5.21e-005	-1.95e-004	+3.76e-005	-3.66e-005
838	+1.43e-004	+3.22e-004	-7.63e-005	-5.53e-005	+2.47e-005	-4.53e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
839	+8.89e-005	+3.71e-004	-1.09e-004	+9.79e-005	+1.75e-005	-7.83e-006
840	+1.04e-004	+2.96e-004	-1.31e-004	+2.25e-004	+1.41e-005	-5.57e-006
841	+1.73e-004	+3.16e-004	-9.91e-005	+8.23e-005	+1.21e-005	-4.55e-005
842	+1.93e-004	+2.53e-004	-1.20e-004	+1.92e-004	+1.67e-006	-3.93e-005
843	+2.05e-004	+1.51e-004	-1.39e-004	+2.54e-004	-6.61e-006	-3.36e-005
844	+2.12e-004	+2.08e-005	-1.59e-004	+2.43e-004	-9.96e-006	-3.26e-005
845	+2.12e-004	-9.11e-005	-1.75e-004	+2.00e-004	-8.93e-006	-2.54e-005
846	-8.25e-007	+1.97e-006	-4.03e-006	-4.20e-004	-1.81e-005	-9.73e-010
847	-1.69e-005	+1.81e-004	-3.34e-005	-3.66e-004	-1.72e-005	+9.23e-007
848	-3.19e-005	+3.18e-004	-6.10e-005	-2.34e-004	-1.58e-005	+1.73e-006
849	-4.57e-005	+3.85e-004	-8.66e-005	-6.50e-005	-1.42e-005	+2.52e-006
850	-1.12e-004	+3.59e-004	-1.07e-004	+9.90e-005	-2.01e-005	+1.73e-005
851	-1.29e-004	+2.85e-004	-1.30e-004	+2.30e-004	-1.51e-005	+1.33e-005
852	-5.78e-005	+3.76e-004	-1.10e-004	+1.03e-004	-1.24e-005	+4.04e-006
853	-6.81e-005	+2.98e-004	-1.31e-004	+2.36e-004	-1.07e-005	+8.39e-006
854	-7.67e-005	+1.75e-004	-1.50e-004	+3.03e-004	-8.90e-006	+2.00e-005
855	-8.42e-005	+2.53e-005	-1.68e-004	+2.65e-004	-6.84e-006	+3.53e-005
856	-8.96e-005	-8.85e-005	-1.82e-004	+1.87e-004	-5.95e-006	+2.60e-005
857	-9.43e-005	-1.51e-004	-1.95e-004	+8.82e-005	-5.53e-006	+1.04e-005
858	-1.60e-004	-2.03e-004	-2.08e-004	+8.36e-005	+4.39e-007	+2.18e-005
859	-1.59e-004	-2.44e-004	-2.14e-004	+8.25e-005	+1.09e-006	+3.62e-005
860	-9.76e-005	-1.85e-004	-2.04e-004	+5.78e-005	-3.94e-006	+4.28e-006
861	-9.96e-005	-2.11e-004	-2.09e-004	+5.39e-005	-3.39e-006	+3.63e-006
862	-6.42e-006	-1.52e-004	-1.89e-004	+8.82e-005	-4.78e-007	-1.10e-005
863	-4.79e-005	-1.84e-004	-1.99e-004	+5.93e-005	-2.26e-006	-2.68e-007
864	-4.91e-005	-2.10e-004	-2.04e-004	+5.32e-005	-1.86e-006	-2.78e-007
865	-6.72e-006	-1.86e-004	-1.98e-004	+5.64e-005	-3.20e-007	-3.89e-006
866	-6.89e-006	-2.11e-004	-2.02e-004	+5.22e-005	-2.58e-007	-1.71e-006
867	+7.64e-005	-1.51e-004	-1.93e-004	+8.73e-005	+5.07e-006	+1.17e-005
868	+3.32e-005	-1.86e-004	-1.98e-004	+5.31e-005	+1.54e-006	+2.91e-007
869	+3.40e-005	-2.11e-004	-2.03e-004	+5.09e-005	+1.24e-006	+3.72e-007
870	+7.94e-005	-1.84e-004	-2.02e-004	+5.59e-005	+3.59e-006	+4.48e-006
871	+8.13e-005	-2.10e-004	-2.07e-004	+5.19e-005	+3.04e-006	+2.06e-006
872	+2.12e-004	-1.75e-004	-1.89e-004	+1.56e-004	-7.47e-006	-2.92e-005
873	+1.37e-004	-1.86e-004	-2.08e-004	+6.94e-005	+2.96e-006	-6.67e-006
874	+1.39e-004	-2.17e-004	-2.14e-004	+6.37e-005	+2.42e-006	-1.33e-005
875	+2.09e-004	-2.47e-004	-1.99e-004	+1.46e-004	-1.05e-005	-4.90e-005
876	+2.04e-004	-3.17e-004	-2.05e-004	+1.45e-004	-1.16e-005	-7.45e-005

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-7.57e-003	+1.46e-003	-3.51e-004	+2.28e-002	+2.86e-003	-2.08e-003	+7.71e-003
Nodo	33	33	34	7	78	38	33

COMBINAZIONE DI CARICO: 2 - DESCRIZIONE: STATICA

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-2.68e-006	+1.74e-006	-4.94e-006	-4.11e-004	-1.55e-004	+1.79e-006
2	-7.36e-007	+2.36e-006	-5.15e-006	-5.21e-004	-1.62e-005	-2.59e-009
3	+8.87e-009	+2.35e-006	-5.27e-006	-5.25e-004	+1.96e-007	-1.91e-011
4	+7.65e-007	+2.36e-006	-5.13e-006	-5.21e-004	+1.68e-005	+2.54e-009
5	+2.83e-006	+1.69e-006	-4.82e-006	-4.04e-004	+1.60e-004	-1.83e-006
6	-7.07e-006	+2.14e-006	+3.88e-006	-2.18e-004	-2.39e-003	-7.08e-006
7	+4.47e-003	+7.16e-004	+6.07e-005	+2.64e-002	+2.83e-003	+1.18e-003
8	+3.90e-003	+6.95e-004	-3.78e-005	+2.98e-003	+1.44e-003	+1.15e-003
9	-1.02e-006	+4.17e-006	-1.33e-005	-3.57e-004	-1.24e-003	-3.08e-006
10	+1.09e-006	+3.57e-006	-1.25e-005	-3.31e-004	+1.23e-003	+2.85e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
11	+3.34e-003	+6.77e-004	-1.26e-004	-1.11e-003	+1.04e-003	+1.15e-003
12	+2.78e-003	+6.65e-004	-2.09e-004	-1.29e-005	+8.98e-004	+1.16e-003
13	-2.48e-006	+5.99e-007	-5.33e-006	-2.88e-004	-2.24e-004	+6.64e-007
14	-2.23e-004	-1.45e-004	-2.01e-004	+2.93e-004	+3.17e-005	-1.04e-005
15	-7.97e-005	-1.50e-004	-2.24e-004	+3.40e-004	-5.75e-006	-1.81e-006
16	+1.07e-006	-1.68e-004	-2.19e-004	+3.29e-004	+7.91e-008	+1.08e-008
17	+8.29e-005	-1.50e-004	-2.25e-004	+3.39e-004	+5.97e-006	+1.96e-006
18	+2.30e-004	-1.42e-004	-2.01e-004	+2.88e-004	-3.21e-005	+1.10e-005
19	+6.19e-003	+1.09e-003	-8.98e-006	+1.39e-003	+1.07e-003	+1.56e-003
20	-6.74e-004	+1.13e-004	-3.47e-004	-1.70e-004	+7.18e-005	-8.55e-004
21	+6.84e-004	+1.09e-004	-3.32e-004	-1.63e-004	-7.07e-005	+8.41e-004
22	+3.22e-004	-1.46e-004	-2.26e-004	+2.87e-004	-2.83e-005	-2.95e-005
23	-3.12e-004	-1.50e-004	-2.31e-004	+2.93e-004	+2.77e-005	+3.07e-005
24	+3.03e-003	+9.33e-004	-3.40e-004	-1.85e-004	+4.77e-004	+1.68e-003
25	-2.34e-004	+1.77e-004	-1.61e-004	+3.15e-004	-1.70e-005	+2.15e-005
26	-6.83e-005	+2.34e-004	-1.87e-004	+3.81e-004	-8.24e-006	+1.57e-006
27	-1.85e-004	-5.62e-004	-2.34e-004	+2.94e-004	+3.13e-005	+1.63e-005
28	-8.89e-005	-5.49e-004	-2.56e-004	+2.55e-004	-3.95e-006	-6.84e-006
29	+1.22e-006	-5.62e-004	-2.47e-004	+2.59e-004	+3.07e-008	+5.57e-008
30	+9.25e-005	-5.48e-004	-2.56e-004	+2.54e-004	+4.08e-006	+7.53e-006
31	+1.91e-004	-5.55e-004	-2.34e-004	+2.91e-004	-3.26e-005	-1.51e-005
32	+7.38e-003	+1.39e-003	-3.91e-005	-2.66e-004	+7.03e-004	+1.81e-003
33	-7.45e-003	+1.41e-003	-6.21e-005	-2.02e-004	-7.18e-004	-1.83e-003
34	-7.57e-004	+1.77e-004	-3.87e-004	+4.54e-005	+8.69e-006	-1.15e-003
35	+7.55e-004	+1.69e-004	-3.73e-004	+4.75e-005	-1.68e-005	+1.14e-003
36	+2.21e-004	-5.64e-004	-2.64e-004	+2.99e-004	-7.67e-005	+5.90e-005
37	-2.15e-004	-5.71e-004	-2.69e-004	+3.01e-004	+7.33e-005	-6.03e-005
38	-3.65e-003	+1.21e-003	-3.71e-004	-1.62e-004	-3.79e-004	-2.05e-003
39	+3.62e-003	+1.19e-003	-3.53e-004	-1.63e-004	+3.69e-004	+2.03e-003
40	+8.86e-007	+2.26e-004	-1.83e-004	+4.08e-004	+1.12e-007	-8.64e-009
41	+7.10e-005	+2.34e-004	-1.87e-004	+3.81e-004	+8.56e-006	-1.70e-006
42	+2.41e-004	+1.74e-004	-1.60e-004	+3.09e-004	+1.74e-005	-2.29e-005
43	+5.07e-003	+8.40e-004	+3.64e-005	+1.83e-002	+2.21e-003	+1.33e-003
44	-6.36e-004	+1.83e-004	-2.84e-004	+2.68e-004	-1.05e-004	-6.47e-004
45	+6.48e-004	+1.71e-004	-2.69e-004	+2.47e-004	+1.02e-004	+6.35e-004
46	+3.48e-004	+9.47e-005	-1.76e-004	+1.81e-004	-9.88e-006	-6.97e-005
47	-3.37e-004	+1.00e-004	-1.82e-004	+1.92e-004	+9.22e-006	+6.97e-005
48	+2.49e-003	+7.49e-004	-3.15e-004	-1.83e-004	+5.90e-004	+1.33e-003
49	-2.51e-003	+7.78e-004	-3.35e-004	-1.77e-004	-5.96e-004	-1.34e-003
50	-3.05e-003	+9.57e-004	-3.59e-004	-1.81e-004	-4.85e-004	-1.70e-003
51	-5.11e-003	+8.73e-004	+1.57e-005	-2.58e-004	-1.27e-003	-1.34e-003
52	-6.24e-003	+1.11e-003	-3.19e-005	-2.20e-004	-1.00e-003	-1.58e-003
53	-6.28e-007	+2.36e-006	-5.18e-006	-5.22e-004	-1.38e-005	-9.72e-009
54	-1.29e-005	+2.26e-004	-4.27e-005	-4.58e-004	-1.32e-005	+8.50e-007
55	-1.51e-005	+2.25e-004	-4.25e-005	-4.57e-004	-1.54e-005	+1.29e-006
56	-5.93e-005	+2.30e-004	-1.86e-004	+3.93e-004	-7.46e-006	-1.83e-005
57	-6.54e-005	+2.53e-005	-2.07e-004	+3.89e-004	-5.99e-006	-3.52e-005
58	-7.49e-005	+3.42e-005	-2.08e-004	+3.85e-004	-6.53e-006	+7.76e-008
59	+6.70e-008	+2.36e-006	-5.27e-006	-5.25e-004	+1.48e-006	+8.44e-009
60	+1.38e-006	+2.27e-004	-4.32e-005	-4.60e-004	+1.44e-006	+1.90e-008
61	+1.83e-007	+2.27e-004	-4.32e-005	-4.60e-004	+1.88e-007	-5.86e-009
62	+6.74e-006	+2.31e-004	-1.83e-004	+3.95e-004	+9.21e-007	+1.94e-005
63	+7.54e-006	+2.53e-005	-2.03e-004	+3.92e-004	+7.49e-007	+3.53e-005
64	+9.91e-007	+1.11e-005	-2.03e-004	+3.95e-004	+8.63e-008	-2.12e-010
65	+8.92e-007	+2.36e-006	-5.09e-006	-5.19e-004	+1.96e-005	-4.28e-009
66	+1.82e-005	+2.24e-004	-4.22e-005	-4.55e-004	+1.86e-005	-2.03e-006
67	+1.57e-005	+2.25e-004	-4.24e-005	-4.56e-004	+1.60e-005	-1.38e-006
68	+8.11e-005	+2.28e-004	-1.87e-004	+3.90e-004	+9.25e-006	-2.16e-005
69	+8.85e-005	+2.52e-005	-2.09e-004	+3.85e-004	+7.17e-006	-3.53e-005
70	+7.80e-005	+3.42e-005	-2.08e-004	+3.85e-004	+6.78e-006	-8.20e-008

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
71	+2.82e-006	+3.39e-007	-4.83e-006	-2.72e-004	+2.34e-004	-8.76e-007
72	+3.13e-007	+5.73e-007	-1.02e-005	-2.54e-004	+4.35e-004	+9.63e-007
73	+7.30e-005	+1.74e-004	-4.23e-005	-3.51e-004	+1.46e-004	-2.70e-005
74	+2.66e-004	+1.63e-004	-1.71e-004	+2.66e-004	-4.14e-005	-4.85e-006
75	+2.63e-004	+1.29e-005	-1.95e-004	+2.89e-004	-5.18e-005	+3.34e-005
76	+2.43e-004	+7.60e-006	-1.83e-004	+3.16e-004	-1.01e-005	-2.86e-006
77	-2.40e-008	+1.09e-006	-1.10e-005	-2.78e-004	-4.27e-004	-1.34e-006
78	+7.03e-006	+1.95e-006	+3.83e-006	+1.31e-002	+3.06e-003	+7.02e-006
79	+3.77e-003	+5.80e-004	+8.17e-005	-7.07e-003	+1.34e-003	+1.00e-003
80	+3.70e-004	+4.29e-005	-1.99e-004	+1.53e-004	-5.58e-005	-5.14e-005
81	+3.64e-004	-6.11e-005	-2.36e-004	+1.79e-004	-7.96e-005	-4.76e-005
82	+3.31e-004	-6.58e-006	-2.04e-004	+2.39e-004	-2.60e-005	-4.73e-005
83	+9.93e-004	+2.57e-004	-2.99e-004	+2.90e-006	+1.24e-004	+9.63e-004
84	+1.07e-003	+2.21e-004	-3.15e-004	-2.31e-005	+1.17e-004	+1.10e-003
85	+7.16e-004	+2.98e-005	-3.03e-004	+6.92e-005	+3.71e-005	+6.46e-004
86	+3.15e-003	+7.68e-004	-2.32e-004	-1.33e-004	+7.76e-004	+1.34e-003
87	+3.51e-003	+8.75e-004	-2.51e-004	-2.25e-004	+6.79e-004	+1.51e-003
88	+2.77e-003	+8.44e-004	-3.31e-004	-1.83e-004	+5.18e-004	+1.51e-003
89	+3.29e-003	+5.62e-004	-1.88e-005	-1.08e-003	+1.43e-003	+9.66e-004
90	+2.82e-003	+5.51e-004	-1.02e-004	-5.07e-005	+1.26e-003	+9.63e-004
91	+2.35e-003	+5.49e-004	-1.80e-004	-2.95e-004	+1.03e-003	+9.65e-004
92	+2.96e-003	+4.34e-004	+9.39e-005	-4.38e-005	+1.94e-003	+7.92e-004
93	+2.59e-003	+4.18e-004	-3.75e-006	-1.22e-004	+1.69e-003	+7.54e-004
94	+2.22e-003	+4.12e-004	-7.62e-005	-3.14e-004	+1.43e-003	+7.48e-004
95	-2.77e-006	+2.15e-006	-4.27e-006	-4.36e-004	-4.34e-005	+9.95e-007
96	-5.88e-005	+1.88e-004	-3.50e-005	-3.80e-004	-4.95e-005	+2.38e-005
97	-7.05e-005	+1.77e-004	-4.31e-005	-3.57e-004	-1.41e-004	+2.54e-005
98	-2.10e-004	+1.93e-004	-1.74e-004	+3.24e-004	+1.30e-005	+3.94e-005
99	-2.11e-004	+2.11e-005	-1.97e-004	+3.34e-004	+1.82e-005	+3.30e-005
100	-2.36e-004	+7.75e-006	-1.83e-004	+3.22e-004	+1.00e-005	+2.61e-006
101	-3.09e-004	+1.34e-004	-1.83e-004	+2.08e-004	+3.05e-005	+5.05e-005
102	-3.03e-004	+1.17e-005	-2.09e-004	+2.60e-004	+4.82e-005	+1.60e-005
103	-3.21e-004	-6.32e-006	-2.09e-004	+2.48e-004	+2.52e-005	+4.86e-005
104	+1.86e-003	+4.18e-004	-1.44e-004	-2.39e-004	+1.19e-003	+7.46e-004
105	+2.05e-003	+2.80e-004	+9.10e-005	+5.08e-003	+2.42e-003	+5.52e-004
106	+1.79e-003	+2.68e-004	+4.04e-006	+2.72e-004	+1.90e-003	+5.20e-004
107	+1.54e-003	+2.65e-004	-4.97e-005	-4.07e-004	+1.60e-003	+5.11e-004
108	+1.29e-003	+2.76e-004	-1.01e-004	-2.14e-004	+1.34e-003	+5.08e-004
109	+1.06e-003	+1.33e-004	+6.55e-005	-2.24e-002	+1.17e-003	+2.89e-004
110	-4.86e-004	+2.97e-005	-2.53e-004	+1.85e-004	+6.35e-005	-2.40e-004
111	-4.90e-004	-7.70e-005	-2.99e-004	+1.20e-004	+4.37e-005	-2.44e-004
112	-7.08e-004	+3.15e-005	-3.18e-004	+7.83e-005	-3.92e-005	-6.53e-004
113	+2.29e-006	+2.48e-006	+1.41e-006	-3.68e-003	+1.91e-003	+4.70e-006
114	+9.23e-004	+1.21e-004	+3.11e-006	-2.27e-003	+1.92e-003	+2.67e-004
115	+1.84e-006	+3.26e-006	-2.70e-006	+7.46e-004	+1.85e-003	+1.23e-007
116	-1.96e-003	+5.95e-004	-3.27e-004	-1.35e-004	-4.25e-004	-1.29e-003
117	-2.17e-003	+6.48e-004	-3.46e-004	-1.24e-004	-3.82e-004	-1.48e-003
118	-2.79e-003	+8.69e-004	-3.50e-004	-1.77e-004	-5.26e-004	-1.53e-003
119	+7.95e-004	+1.23e-004	-2.46e-005	+3.27e-004	+1.77e-003	+2.60e-004
120	+1.67e-006	+3.63e-006	-6.62e-006	-3.78e-004	+1.51e-003	+1.98e-006
121	+6.69e-004	+1.29e-004	-5.04e-005	-3.54e-004	+1.46e-003	+2.57e-004
122	-4.47e-003	+8.46e-004	-7.76e-005	-2.47e-004	-1.12e-003	-1.32e-003
123	-5.00e-003	+9.67e-004	-9.93e-005	-2.27e-004	-9.77e-004	-1.47e-003
124	-5.71e-003	+9.98e-004	-1.17e-005	-2.35e-004	-1.10e-003	-1.48e-003
125	-5.47e-003	+1.08e-003	-1.16e-004	-2.15e-004	-8.98e-004	-1.59e-003
126	-5.88e-003	+1.18e-003	-1.31e-004	-2.03e-004	-7.70e-004	-1.71e-003
127	-6.70e-003	+1.22e-003	-4.95e-005	-2.09e-004	-8.74e-004	-1.70e-003
128	-2.36e-003	+7.09e-004	-3.56e-004	-1.29e-004	-3.55e-004	-1.65e-003
129	-2.52e-003	+7.79e-004	-3.66e-004	-1.29e-004	-3.34e-004	-1.78e-003
130	-3.27e-003	+1.05e-003	-3.65e-004	-1.98e-004	-4.22e-004	-1.83e-003

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
131	-4.89e-004	-1.19e-004	-3.40e-004	+5.37e-005	+7.16e-006	-3.68e-004
132	-4.87e-004	-1.28e-004	-3.55e-004	+1.48e-005	-1.40e-006	-5.04e-004
133	-7.01e-004	+1.55e-004	-3.70e-004	-7.20e-005	-9.18e-005	-9.55e-004
134	-2.87e-004	-1.33e-004	-2.29e-004	+2.90e-004	+5.92e-005	+9.26e-006
135	-2.65e-004	-2.82e-004	-2.49e-004	+3.10e-004	+6.59e-005	+1.12e-005
136	-2.83e-004	-2.90e-004	-2.51e-004	+2.96e-004	+6.87e-005	+7.36e-007
137	-2.05e-004	-1.41e-004	-2.15e-004	+3.04e-004	+1.90e-005	+1.69e-005
138	-1.97e-004	-2.81e-004	-2.31e-004	+2.81e-004	+1.92e-005	+8.47e-006
139	-2.13e-004	-2.83e-004	-2.18e-004	+2.82e-004	+3.05e-005	-7.16e-006
140	-6.98e-005	-1.58e-004	-2.23e-004	+3.34e-004	-5.37e-006	-2.80e-005
141	-7.38e-005	-3.02e-004	-2.39e-004	+2.73e-004	-5.12e-006	-1.38e-005
142	-8.38e-005	-2.97e-004	-2.40e-004	+2.79e-004	-5.40e-006	-3.68e-006
143	+8.15e-006	-1.60e-004	-2.19e-004	+3.38e-004	+6.99e-007	+2.67e-005
144	+8.75e-006	-3.06e-004	-2.33e-004	+2.78e-004	+6.83e-007	+1.12e-005
145	+1.15e-006	-3.10e-004	-2.33e-004	+2.70e-004	+7.62e-008	+2.36e-008
146	+9.37e-005	-1.56e-004	-2.26e-004	+3.29e-004	+6.15e-006	-2.39e-005
147	+9.79e-005	-2.98e-004	-2.42e-004	+2.69e-004	+5.66e-006	-5.82e-006
148	+8.72e-005	-2.97e-004	-2.40e-004	+2.78e-004	+5.61e-006	+4.00e-006
149	+2.51e-004	-1.36e-004	-2.13e-004	+2.81e-004	-5.22e-005	+3.88e-005
150	+2.36e-004	-2.75e-004	-2.31e-004	+2.86e-004	-5.44e-005	+2.28e-005
151	+2.20e-004	-2.78e-004	-2.18e-004	+2.79e-004	-3.16e-005	+8.28e-006
152	+3.46e-004	-1.75e-004	-2.66e-004	+1.98e-004	-9.55e-005	-5.54e-006
153	+3.23e-004	-2.89e-004	-2.88e-004	+2.06e-004	-1.04e-004	+6.25e-005
154	+2.92e-004	-2.85e-004	-2.45e-004	+2.93e-004	-7.12e-005	-1.38e-008
155	+1.13e-003	+2.48e-004	-3.20e-004	-4.96e-005	+1.07e-004	+1.25e-003
156	+1.19e-003	+3.06e-004	-3.47e-004	-7.87e-005	+1.65e-004	+1.34e-003
157	+7.08e-004	+1.50e-004	-3.56e-004	-6.93e-005	+8.28e-005	+9.40e-004
158	+3.84e-003	+9.76e-004	-2.63e-004	-1.87e-004	+6.28e-004	+1.67e-003
159	+4.12e-003	+1.07e-003	-2.72e-004	-1.83e-004	+5.35e-004	+1.80e-003
160	+3.24e-003	+1.03e-003	-3.46e-004	-2.00e-004	+4.13e-004	+1.81e-003
161	-2.98e-007	+2.36e-006	-5.25e-006	-5.25e-004	-6.59e-006	-8.25e-009
162	-2.31e-007	+2.35e-006	-5.26e-006	-5.25e-004	-5.12e-006	+2.79e-010
163	-4.77e-006	+2.27e-004	-4.31e-005	-4.60e-004	-4.96e-006	+1.77e-007
164	-6.14e-006	+2.27e-004	-4.31e-005	-4.60e-004	-6.37e-006	+1.87e-007
165	-4.08e-005	+4.84e-004	-1.09e-004	-9.22e-005	-1.28e-005	+2.92e-006
166	-3.50e-005	+4.85e-004	-1.09e-004	-9.17e-005	-1.12e-005	+1.33e-006
167	-4.44e-005	+4.79e-004	-1.38e-004	+1.17e-004	-9.96e-006	-2.97e-007
168	-5.16e-005	+4.78e-004	-1.38e-004	+1.15e-004	-1.13e-005	+2.97e-006
169	-1.69e-005	+4.87e-004	-1.09e-004	-9.24e-005	-5.57e-006	-1.84e-007
170	-1.32e-005	+4.87e-004	-1.09e-004	-9.16e-005	-4.36e-006	+4.23e-007
171	-1.69e-005	+4.80e-004	-1.38e-004	+1.20e-004	-3.99e-006	+4.47e-007
172	-2.17e-005	+4.81e-004	-1.38e-004	+1.17e-004	-5.09e-006	-1.85e-006
173	-5.32e-007	+2.35e-006	-5.20e-006	-5.23e-004	-1.17e-005	-2.99e-010
174	-4.47e-007	+2.36e-006	-5.22e-006	-5.24e-004	-9.86e-006	+8.68e-009
175	-9.19e-006	+2.26e-004	-4.29e-005	-4.59e-004	-9.50e-006	+5.41e-007
176	-1.09e-005	+2.26e-004	-4.28e-005	-4.58e-004	-1.13e-005	+6.58e-007
177	-2.44e-005	+3.97e-004	-7.74e-005	-2.98e-004	-1.23e-005	+1.43e-006
178	-2.85e-005	+3.96e-004	-7.72e-005	-2.97e-004	-1.42e-005	+2.32e-006
179	-1.75e-005	+3.98e-004	-7.77e-005	-2.99e-004	-8.89e-006	+1.11e-006
180	-2.08e-005	+3.98e-004	-7.76e-005	-2.98e-004	-1.05e-005	+1.20e-006
181	-2.95e-005	+2.31e-004	-1.84e-004	+3.95e-004	-4.02e-006	-1.91e-005
182	-2.30e-005	+2.25e-004	-1.84e-004	+4.08e-004	-3.17e-006	+2.46e-007
183	-2.57e-005	+1.11e-005	-2.04e-004	+3.94e-004	-2.60e-006	-9.26e-009
184	-3.29e-005	+2.53e-005	-2.04e-004	+3.92e-004	-3.29e-006	-3.53e-005
185	-2.78e-005	-1.67e-004	-2.19e-004	+3.29e-004	-2.42e-006	-3.37e-007
186	-3.55e-005	-1.59e-004	-2.20e-004	+3.37e-004	-3.06e-006	-2.71e-005
187	-5.10e-005	+2.24e-004	-1.85e-004	+4.06e-004	-6.62e-006	+9.06e-007
188	-4.34e-005	+2.31e-004	-1.85e-004	+3.94e-004	-5.75e-006	+2.02e-005
189	-4.82e-005	+2.53e-005	-2.05e-004	+3.91e-004	-4.69e-006	+3.53e-005
190	-5.65e-005	+1.11e-005	-2.06e-004	+3.92e-004	-5.36e-006	+4.97e-008

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
191	+3.18e-007	+2.36e-006	-5.24e-006	-5.25e-004	+7.03e-006	+8.19e-009
192	+3.90e-007	+2.36e-006	-5.23e-006	-5.24e-004	+8.63e-006	-3.47e-010
193	+8.04e-006	+2.26e-004	-4.30e-005	-4.59e-004	+8.33e-006	-3.78e-007
194	+6.56e-006	+2.27e-004	-4.31e-005	-4.59e-004	+6.79e-006	-2.11e-007
195	+5.04e-007	+4.87e-004	-1.09e-004	-9.18e-005	+1.62e-007	-1.41e-008
196	+3.83e-006	+4.88e-004	-1.09e-004	-9.25e-005	+1.26e-006	+6.73e-007
197	+4.92e-006	+4.81e-004	-1.37e-004	+1.18e-004	+1.16e-006	+2.36e-006
198	+6.47e-007	+4.81e-004	-1.37e-004	+1.20e-004	+1.46e-007	-1.50e-008
199	+1.81e-005	+4.87e-004	-1.09e-004	-9.23e-005	+5.94e-006	+1.26e-007
200	+2.21e-005	+4.87e-004	-1.09e-004	-9.30e-005	+7.24e-006	-8.97e-007
201	+2.83e-005	+4.81e-004	-1.38e-004	+1.15e-004	+6.58e-006	-9.47e-007
202	+2.31e-005	+4.81e-004	-1.38e-004	+1.17e-004	+5.42e-006	+1.79e-006
203	+1.26e-007	+2.36e-006	-5.27e-006	-5.25e-004	+2.79e-006	-2.02e-010
204	+1.87e-007	+2.36e-006	-5.26e-006	-5.25e-004	+4.14e-006	-8.83e-009
205	+3.86e-006	+2.27e-004	-4.32e-005	-4.60e-004	+4.01e-006	-2.00e-007
206	+2.60e-006	+2.27e-004	-4.32e-005	-4.60e-004	+2.70e-006	-8.68e-008
207	+2.65e-006	+3.99e-004	-7.79e-005	-3.00e-004	+1.36e-006	+1.50e-007
208	+3.48e-007	+3.99e-004	-7.79e-005	-2.99e-004	+1.75e-007	-1.08e-008
209	+7.38e-006	+3.99e-004	-7.79e-005	-3.00e-004	+3.78e-006	-4.83e-007
210	+4.98e-006	+3.99e-004	-7.79e-005	-3.00e-004	+2.55e-006	-1.60e-007
211	+3.15e-005	+2.31e-004	-1.84e-004	+3.95e-004	+4.27e-006	+1.91e-005
212	+3.83e-005	+2.36e-004	-1.84e-004	+3.84e-004	+5.15e-006	-5.31e-007
213	+4.26e-005	+3.43e-005	-2.05e-004	+3.89e-004	+4.20e-006	-5.46e-009
214	+3.51e-005	+2.53e-005	-2.04e-004	+3.91e-004	+3.49e-006	+3.53e-005
215	+4.59e-005	-1.52e-004	-2.21e-004	+3.44e-004	+3.88e-006	+6.65e-007
216	+3.78e-005	-1.59e-004	-2.20e-004	+3.37e-004	+3.24e-006	+2.71e-005
217	+1.27e-005	+2.37e-004	-1.84e-004	+3.85e-004	+1.74e-006	-1.28e-007
218	+1.87e-005	+2.31e-004	-1.84e-004	+3.95e-004	+2.57e-006	-1.97e-005
219	+2.09e-005	+2.53e-005	-2.04e-004	+3.92e-004	+2.10e-006	-3.53e-005
220	+1.42e-005	+3.42e-005	-2.04e-004	+3.90e-004	+1.42e-006	-4.43e-009
221	+1.65e-006	+2.35e-006	-4.73e-006	-5.00e-004	+3.57e-005	-4.92e-008
222	+1.92e-006	+2.34e-006	-4.57e-006	-4.89e-004	+4.21e-005	-9.96e-008
223	+3.87e-005	+2.11e-004	-3.87e-005	-4.28e-004	+3.84e-005	-1.20e-005
224	+3.32e-005	+2.16e-004	-3.98e-005	-4.38e-004	+3.29e-005	-8.68e-006
225	+4.24e-005	+4.84e-004	-1.09e-004	-9.21e-005	+1.33e-005	-3.14e-006
226	+4.90e-005	+4.82e-004	-1.09e-004	-9.09e-005	+1.51e-005	-5.18e-006
227	+6.17e-005	+4.75e-004	-1.38e-004	+1.17e-004	+1.32e-005	-6.87e-006
228	+5.36e-005	+4.78e-004	-1.38e-004	+1.15e-004	+1.18e-005	-3.20e-006
229	+8.67e-005	+4.63e-004	-1.06e-004	-8.73e-005	+2.38e-005	-1.98e-005
230	+1.00e-004	+4.53e-004	-1.05e-004	-8.44e-005	+2.68e-005	-2.67e-005
231	+1.23e-004	+4.46e-004	-1.35e-004	+1.12e-004	+2.03e-005	-2.65e-005
232	+1.07e-004	+4.57e-004	-1.37e-004	+1.12e-004	+1.88e-005	-2.13e-005
233	+1.04e-006	+2.36e-006	-5.03e-006	-5.17e-004	+2.28e-005	+4.95e-009
234	+1.21e-006	+2.36e-006	-4.96e-006	-5.13e-004	+2.64e-005	+1.01e-008
235	+2.46e-005	+2.22e-004	-4.13e-005	-4.49e-004	+2.48e-005	-4.08e-006
236	+2.12e-005	+2.23e-004	-4.18e-005	-4.52e-004	+2.15e-005	-2.85e-006
237	+3.44e-005	+3.94e-004	-7.69e-005	-2.96e-004	+1.69e-005	-3.77e-006
238	+2.97e-005	+3.96e-004	-7.71e-005	-2.97e-004	+1.47e-005	-2.50e-006
239	+4.61e-005	+3.90e-004	-7.58e-005	-2.92e-004	+2.20e-005	-7.18e-006
240	+3.98e-005	+3.92e-004	-7.64e-005	-2.94e-004	+1.93e-005	-5.10e-006
241	+1.34e-004	+2.21e-004	-1.89e-004	+3.74e-004	+9.32e-006	-2.82e-005
242	+1.51e-004	+2.10e-004	-1.88e-004	+3.78e-004	+8.14e-006	-1.31e-005
243	+1.58e-004	+1.09e-005	-2.12e-004	+3.64e-004	+2.87e-006	-3.40e-006
244	+1.41e-004	+2.61e-005	-2.12e-004	+3.69e-004	+5.10e-006	-3.63e-005
245	+1.60e-004	-1.54e-004	-2.30e-004	+3.03e-004	-4.60e-007	+3.63e-006
246	+1.45e-004	-1.48e-004	-2.30e-004	+3.16e-004	+2.47e-006	-2.19e-005
247	+9.22e-005	+2.21e-004	-1.88e-004	+4.00e-004	+9.78e-006	-2.46e-006
248	+1.05e-004	+2.26e-004	-1.89e-004	+3.85e-004	+1.01e-005	+1.61e-005
249	+1.13e-004	+2.59e-005	-2.11e-004	+3.79e-004	+7.15e-006	+3.65e-005
250	+1.00e-004	+1.12e-005	-2.10e-004	+3.85e-004	+7.33e-006	+7.54e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
251	+2.21e-003	+6.59e-004	-2.93e-004	-2.13e-004	+6.80e-004	+1.14e-003
252	+1.74e-003	+5.18e-004	-2.78e-004	-1.59e-004	+4.95e-004	+1.09e-003
253	+1.30e-003	+3.93e-004	-2.69e-004	-6.80e-005	+3.27e-004	+9.87e-004
254	+9.14e-004	+2.95e-004	-2.58e-004	-2.05e-005	+1.63e-004	+8.10e-004
255	+1.82e-004	+3.70e-004	-9.49e-005	-6.70e-005	+9.07e-005	-5.83e-005
256	+1.88e-003	+5.55e-004	-2.63e-004	-2.48e-004	+7.98e-004	+9.39e-004
257	+1.49e-003	+4.52e-004	-2.38e-004	-1.97e-004	+5.96e-004	+8.85e-004
258	+2.15e-004	+3.64e-004	-1.18e-004	+8.99e-005	+6.00e-005	-5.70e-005
259	+1.13e-003	+3.65e-004	-2.22e-004	-1.15e-004	+4.16e-004	+7.99e-004
260	+8.13e-004	+2.98e-004	-2.13e-004	-6.78e-005	+2.49e-004	+6.55e-004
261	+1.50e-003	+4.34e-004	-2.24e-004	-2.85e-004	+9.34e-004	+7.20e-004
262	+1.20e-003	+3.66e-004	-1.87e-004	-2.45e-004	+7.17e-004	+6.73e-004
263	+9.17e-004	+3.10e-004	-1.68e-004	-1.68e-004	+5.27e-004	+6.07e-004
264	+1.34e-004	+3.04e-004	-7.04e-005	-2.25e-004	+1.21e-004	-4.74e-005
265	+6.72e-004	+2.69e-004	-1.64e-004	-1.18e-004	+3.57e-004	+4.98e-004
266	+2.92e-004	+1.51e-004	-1.76e-004	+2.35e-004	-2.08e-005	-2.18e-005
267	+3.19e-004	+1.29e-004	-1.79e-004	+1.99e-004	-2.92e-005	-5.11e-005
268	+3.12e-004	+1.10e-005	-2.05e-004	+2.52e-004	-4.71e-005	-1.49e-005
269	+2.88e-004	+1.76e-005	-2.02e-004	+2.73e-004	-3.91e-005	+1.56e-005
270	+2.96e-004	-1.30e-004	-2.25e-004	+2.85e-004	-5.86e-005	-7.90e-006
271	+2.73e-004	-1.27e-004	-2.22e-004	+2.85e-004	-4.79e-005	+2.30e-005
272	+1.05e-003	+2.98e-004	-1.75e-004	-3.16e-004	+1.07e-003	+4.87e-004
273	+8.43e-004	+2.61e-004	-1.29e-004	-2.85e-004	+8.41e-004	+4.53e-004
274	+6.53e-004	+2.29e-004	-1.10e-004	-2.19e-004	+6.42e-004	+4.08e-004
275	+4.86e-004	+2.06e-004	-1.12e-004	-1.73e-004	+4.65e-004	+3.37e-004
276	+5.44e-004	+1.51e-004	-1.10e-004	-3.27e-004	+1.18e-003	+2.45e-004
277	+1.12e-006	+4.46e-007	-7.64e-006	-3.54e-004	+9.77e-004	+1.95e-006
278	+4.37e-004	+1.42e-004	-6.49e-005	-3.28e-004	+9.38e-004	+2.28e-004
279	+7.23e-007	+4.34e-007	-6.04e-006	-2.82e-004	+7.75e-004	+1.86e-006
280	+3.42e-004	+1.24e-004	-5.59e-005	-2.62e-004	+7.35e-004	+2.06e-004
281	+2.55e-007	+4.62e-007	-6.55e-006	-2.23e-004	+5.98e-004	+2.25e-006
282	+2.58e-004	+1.10e-004	-5.56e-005	-2.12e-004	+5.56e-004	+1.70e-004
283	+6.20e-004	+2.34e-004	-2.39e-004	+1.00e-004	+7.04e-005	+5.30e-004
284	+4.79e-004	+1.11e-004	-2.10e-004	+1.20e-004	-2.07e-005	+2.20e-004
285	+4.05e-004	+8.93e-005	-1.85e-004	+1.39e-004	-6.08e-006	+4.17e-005
286	+3.63e-004	+1.20e-004	-1.67e-004	+1.12e-004	-2.48e-005	-3.90e-005
287	+4.13e-004	+4.86e-006	-2.22e-004	+1.77e-004	-3.81e-005	+3.24e-005
288	+4.99e-004	+2.10e-005	-2.39e-004	+1.72e-004	-5.91e-005	+2.36e-004
289	+5.03e-004	-7.85e-005	-2.86e-004	+1.13e-004	-4.18e-005	+2.42e-004
290	+4.08e-004	-9.60e-005	-2.63e-004	+1.65e-004	-4.95e-005	+3.88e-005
291	+5.00e-004	-1.18e-004	-3.27e-004	+5.27e-005	-8.75e-006	+3.62e-004
292	+3.97e-004	-1.82e-004	-2.96e-004	+1.46e-004	-5.87e-005	+1.08e-004
293	+1.44e-003	+4.03e-004	-3.02e-004	-4.67e-005	+2.72e-004	+1.16e-003
294	+1.95e-003	+5.70e-004	-3.08e-004	-1.38e-004	+4.22e-004	+1.27e-003
295	+2.16e-003	+6.26e-004	-3.28e-004	-1.26e-004	+3.78e-004	+1.46e-003
296	+1.58e-003	+4.18e-004	-3.22e-004	-6.49e-005	+2.43e-004	+1.34e-003
297	+2.34e-003	+6.90e-004	-3.39e-004	-1.29e-004	+3.50e-004	+1.63e-003
298	+1.70e-003	+4.56e-004	-3.33e-004	-9.42e-005	+2.20e-004	+1.50e-003
299	+3.79e-003	+7.90e-004	-1.47e-004	-5.71e-004	+9.29e-004	+1.32e-003
300	+4.43e-003	+8.14e-004	-5.80e-005	+1.02e-003	+1.17e-003	+1.31e-003
301	+4.96e-003	+9.37e-004	-7.89e-005	-5.77e-004	+9.48e-004	+1.45e-003
302	+4.24e-003	+9.06e-004	-1.67e-004	-1.27e-004	+8.35e-004	+1.48e-003
303	+5.43e-003	+1.05e-003	-9.46e-005	-1.08e-004	+8.92e-004	+1.58e-003
304	+4.65e-003	+1.01e-003	-1.80e-004	-2.39e-004	+7.63e-004	+1.62e-003
305	+5.71e-004	+2.59e-004	-2.08e-004	+2.15e-005	+1.45e-004	+4.31e-004
306	+4.47e-004	+1.64e-004	-1.74e-004	+3.64e-005	+3.17e-005	+1.84e-004
307	+3.76e-004	+1.49e-004	-1.49e-004	+6.71e-005	+4.23e-005	+4.08e-005
308	+3.36e-004	+1.76e-004	-1.33e-004	+4.65e-005	+2.20e-005	-2.93e-005
309	+4.85e-004	+2.47e-004	-1.75e-004	-6.36e-005	+2.37e-004	+3.28e-004
310	+3.83e-004	+1.81e-004	-1.34e-004	-5.86e-005	+1.00e-004	+1.41e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
311	+3.22e-004	+1.72e-004	-1.10e-004	-2.42e-005	+1.06e-004	+3.36e-005
312	+2.87e-004	+1.95e-004	-9.84e-005	-4.30e-005	+8.01e-005	-2.20e-005
313	+3.57e-004	+1.97e-004	-1.37e-004	-1.49e-004	+3.29e-004	+2.21e-004
314	+2.82e-004	+1.56e-004	-9.01e-005	-1.54e-004	+1.74e-004	+9.44e-005
315	+2.38e-004	+1.53e-004	-7.00e-005	-1.22e-004	+1.72e-004	+2.29e-005
316	+2.12e-004	+1.69e-004	-6.40e-005	-1.42e-004	+1.41e-004	-1.54e-005
317	+1.91e-004	+1.11e-004	-8.74e-005	-2.22e-004	+4.04e-004	+1.12e-004
318	+2.64e-006	-1.16e-006	-5.87e-006	-2.84e-004	+2.40e-004	-3.27e-006
319	+1.47e-004	+9.47e-005	-4.38e-005	-2.41e-004	+2.25e-004	+4.72e-005
320	+2.74e-006	-5.31e-007	-4.10e-006	-2.46e-004	+2.44e-004	-2.22e-006
321	+1.28e-004	+9.18e-005	-3.49e-005	-2.07e-004	+2.24e-004	+1.13e-005
322	+2.56e-006	-2.91e-008	-3.89e-006	-2.62e-004	+2.19e-004	-1.07e-006
323	+1.16e-004	+9.92e-005	-3.10e-005	-2.26e-004	+1.94e-004	-8.26e-006
324	+3.39e-004	+1.71e-004	-1.50e-004	+1.46e-004	+4.04e-005	-7.28e-005
325	+3.11e-004	+2.11e-004	-1.50e-004	+1.43e-004	-8.60e-006	-7.55e-005
326	+2.84e-004	+2.45e-004	-1.48e-004	+1.66e-004	+3.18e-006	-5.48e-005
327	+2.58e-004	+2.71e-004	-1.45e-004	+1.88e-004	-1.85e-005	-3.87e-005
328	+3.12e-004	+2.21e-004	-1.23e-004	+7.34e-005	+7.97e-005	-7.00e-005
329	+2.86e-004	+2.62e-004	-1.20e-004	+5.59e-005	+1.91e-005	-8.37e-005
330	+2.61e-004	+3.02e-004	-1.18e-004	+6.43e-005	+3.45e-005	-7.13e-005
331	+2.37e-004	+3.35e-004	-1.17e-004	+6.91e-005	+1.27e-005	-5.73e-005
332	+2.65e-004	+2.33e-004	-9.66e-005	-2.51e-005	+1.28e-004	-6.02e-005
333	+2.43e-004	+2.69e-004	-8.95e-005	-5.67e-005	+5.20e-005	-7.73e-005
334	+2.21e-004	+3.07e-004	-8.68e-005	-6.25e-005	+7.07e-005	-7.09e-005
335	-1.59e-006	+2.35e-006	-4.75e-006	-5.02e-004	-3.45e-005	+4.66e-008
336	-1.36e-006	+2.36e-006	-4.88e-006	-5.09e-004	-2.98e-005	+1.00e-008
337	-2.76e-005	+2.20e-004	-4.08e-005	-4.46e-004	-2.76e-005	+5.66e-006
338	-3.21e-005	+2.17e-004	-4.00e-005	-4.39e-004	-3.19e-005	+8.17e-006
339	-1.76e-004	+3.76e-004	-9.61e-005	-6.83e-005	-8.83e-005	+5.50e-005
340	-1.52e-004	+4.02e-004	-9.75e-005	-7.42e-005	-2.57e-005	+5.34e-005
341	-1.82e-004	+3.96e-004	-1.26e-004	+9.60e-005	-1.04e-005	+5.45e-005
342	-2.09e-004	+3.71e-004	-1.19e-004	+9.16e-005	-5.83e-005	+5.39e-005
343	-8.39e-005	+4.65e-004	-1.06e-004	-8.78e-005	-2.30e-005	+1.87e-005
344	-7.26e-005	+4.72e-004	-1.08e-004	-8.99e-005	-2.07e-005	+1.24e-005
345	-9.02e-005	+4.67e-004	-1.38e-004	+1.12e-004	-1.69e-005	+1.22e-005
346	-1.04e-004	+4.59e-004	-1.37e-004	+1.12e-004	-1.82e-005	+2.02e-005
347	-2.49e-006	+2.27e-006	-4.22e-006	-4.59e-004	-6.01e-005	+3.49e-007
348	-2.16e-006	+2.32e-006	-4.41e-006	-4.78e-004	-4.55e-005	+1.84e-007
349	-4.36e-005	+2.06e-004	-3.75e-005	-4.18e-004	-4.22e-005	+1.52e-005
350	-5.07e-005	+1.98e-004	-3.61e-005	-4.01e-004	-5.38e-005	+1.97e-005
351	-1.11e-004	+3.30e-004	-6.72e-005	-2.45e-004	-4.11e-005	+4.26e-005
352	-1.30e-004	+3.10e-004	-7.16e-005	-2.29e-004	-1.17e-004	+4.47e-005
353	-8.09e-005	+3.62e-004	-7.04e-005	-2.71e-004	-3.54e-005	+2.73e-005
354	-9.44e-005	+3.48e-004	-6.81e-005	-2.59e-004	-4.66e-005	+3.54e-005
355	-1.29e-004	+2.21e-004	-1.89e-004	+3.76e-004	-9.01e-006	+2.77e-005
356	-1.14e-004	+2.30e-004	-1.89e-004	+3.71e-004	-9.65e-006	+5.10e-006
357	-1.22e-004	+3.52e-005	-2.12e-004	+3.74e-004	-6.26e-006	-3.97e-007
358	-1.37e-004	+2.61e-005	-2.12e-004	+3.71e-004	-4.92e-006	+3.63e-005
359	-1.26e-004	-1.44e-004	-2.30e-004	+3.29e-004	-4.22e-006	-4.86e-006
360	-1.40e-004	-1.49e-004	-2.30e-004	+3.18e-004	-2.37e-006	+2.23e-005
361	-1.86e-004	+2.07e-004	-1.82e-004	+3.34e-004	-3.39e-006	+1.84e-005
362	-1.65e-004	+2.10e-004	-1.86e-004	+3.58e-004	-4.78e-006	-3.33e-006
363	-1.71e-004	+2.30e-005	-2.09e-004	+3.56e-004	+1.16e-006	-3.11e-005
364	-1.90e-004	+3.03e-005	-2.05e-004	+3.44e-004	+5.17e-006	+1.56e-006
365	-2.84e-004	+1.56e-004	-1.79e-004	+2.42e-004	+2.17e-005	+2.06e-005
366	-2.58e-004	+1.67e-004	-1.72e-004	+2.73e-004	+4.25e-005	+3.41e-006
367	-2.55e-004	+1.34e-005	-1.96e-004	+2.96e-004	+5.26e-005	-3.38e-005
368	-2.79e-004	+1.84e-005	-2.04e-004	+2.80e-004	+3.97e-005	-1.54e-005
369	-2.43e-004	-1.38e-004	-2.14e-004	+2.86e-004	+5.27e-005	-3.81e-005
370	-2.65e-004	-1.30e-004	-2.24e-004	+2.91e-004	+4.81e-005	-2.20e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
371	+2.01e-004	+3.40e-004	-8.85e-005	-7.31e-005	+4.95e-005	-6.02e-005
372	+1.96e-004	+1.98e-004	-7.04e-005	-1.35e-004	+1.77e-004	-4.43e-005
373	+1.79e-004	+2.25e-004	-5.88e-005	-1.78e-004	+8.81e-005	-5.89e-005
374	+1.63e-004	+2.54e-004	-5.56e-005	-1.95e-004	+1.07e-004	-5.61e-005
375	+1.48e-004	+2.80e-004	-5.88e-005	-2.18e-004	+8.45e-005	-4.92e-005
376	+1.06e-004	+1.15e-004	-4.21e-005	-2.30e-004	+2.17e-004	-2.36e-005
377	+2.81e-006	+8.47e-007	-3.14e-006	-3.26e-004	+1.25e-004	-1.89e-006
378	+9.53e-005	+1.30e-004	-2.88e-005	-2.81e-004	+1.16e-004	-3.19e-005
379	+2.63e-006	+1.16e-006	-2.81e-006	-3.51e-004	+1.50e-004	-6.83e-007
380	+8.83e-005	+1.46e-004	-2.75e-005	-3.04e-004	+1.37e-004	-3.09e-005
381	+2.44e-006	+1.31e-006	-3.22e-006	-3.85e-004	+1.31e-004	-6.79e-007
382	+8.19e-005	+1.60e-004	-2.92e-005	-3.36e-004	+1.16e-004	-2.78e-005
383	-2.50e-004	+2.78e-004	-1.47e-004	+1.93e-004	+1.96e-005	+3.62e-005
384	-2.76e-004	+2.53e-004	-1.51e-004	+1.72e-004	-2.09e-006	+5.23e-005
385	-3.02e-004	+2.20e-004	-1.54e-004	+1.50e-004	+9.98e-006	+7.34e-005
386	-2.30e-004	+3.43e-004	-1.19e-004	+7.14e-005	-1.18e-005	+5.42e-005
387	-2.54e-004	+3.12e-004	-1.21e-004	+6.70e-005	-3.33e-005	+6.79e-005
388	-2.77e-004	+2.74e-004	-1.24e-004	+5.93e-005	-1.80e-005	+8.05e-005
389	-1.94e-004	+3.49e-004	-9.01e-005	-7.42e-005	-4.88e-005	+5.69e-005
390	-2.14e-004	+3.17e-004	-8.93e-005	-6.39e-005	-6.93e-005	+6.73e-005
391	-2.35e-004	+2.81e-004	-9.35e-005	-5.80e-005	-5.12e-005	+7.37e-005
392	-1.43e-004	+2.87e-004	-6.03e-005	-2.23e-004	-8.38e-005	+4.64e-005
393	-1.58e-004	+2.62e-004	-5.77e-005	-2.01e-004	-1.06e-004	+5.30e-005
394	-1.73e-004	+2.35e-004	-6.21e-005	-1.84e-004	-8.76e-005	+5.56e-005
395	-2.27e-006	+1.37e-006	-3.35e-006	-3.93e-004	-1.29e-004	+6.64e-007
396	-7.91e-005	+1.64e-004	-3.02e-005	-3.43e-004	-1.15e-004	+2.61e-005
397	-2.42e-006	+1.23e-006	-3.00e-006	-3.61e-004	-1.47e-004	+6.26e-007
398	-8.50e-005	+1.51e-004	-2.88e-005	-3.13e-004	-1.35e-004	+2.90e-005
399	-2.55e-006	+9.66e-007	-3.42e-006	-3.38e-004	-1.23e-004	+1.59e-006
400	-9.13e-005	+1.36e-004	-3.08e-005	-2.91e-004	-1.15e-004	+2.98e-005
401	-4.00e-004	+1.21e-005	-2.34e-004	+1.88e-004	+4.00e-005	-3.33e-005
402	-3.58e-004	+4.94e-005	-2.08e-004	+1.62e-004	+5.86e-005	+5.18e-005
403	-3.52e-004	-6.04e-005	-2.44e-004	+1.87e-004	+8.17e-005	+4.84e-005
404	-3.96e-004	-9.49e-005	-2.74e-004	+1.73e-004	+5.03e-005	-3.86e-005
405	-3.35e-004	-1.78e-004	-2.74e-004	+2.02e-004	+9.66e-005	+6.04e-006
406	-3.85e-004	-1.85e-004	-3.06e-004	+1.50e-004	+5.86e-005	-1.09e-004
407	-1.01e-004	+1.22e-004	-4.58e-005	-2.43e-004	-2.09e-004	+2.19e-005
408	-1.89e-004	+2.09e-004	-7.58e-005	-1.43e-004	-1.72e-004	+4.19e-005
409	-2.56e-004	+2.47e-004	-1.03e-004	-2.69e-005	-1.25e-004	+5.77e-005
410	-3.02e-004	+2.34e-004	-1.29e-004	+7.73e-005	-7.78e-005	+6.80e-005
411	-3.28e-004	+1.81e-004	-1.56e-004	+1.54e-004	-3.97e-005	+7.16e-005
412	-2.15e-006	+2.91e-007	-4.53e-006	-2.73e-004	-2.17e-004	+1.21e-006
413	-1.11e-004	+1.07e-004	-3.55e-005	-2.35e-004	-1.93e-004	+7.36e-006
414	-2.04e-004	+1.82e-004	-7.12e-005	-1.47e-004	-1.41e-004	+1.40e-005
415	-2.76e-004	+2.10e-004	-1.07e-004	-4.35e-005	-7.86e-005	+2.04e-005
416	-3.25e-004	+1.90e-004	-1.43e-004	+5.07e-005	-1.93e-005	+2.81e-005
417	-3.51e-004	+1.32e-004	-1.77e-004	+1.20e-004	+2.80e-005	+3.86e-005
418	-2.30e-006	-2.20e-007	-4.80e-006	-2.60e-004	-2.40e-004	+2.25e-006
419	-1.22e-004	+1.00e-004	-4.00e-005	-2.19e-004	-2.20e-004	-1.29e-005
420	-2.30e-004	+1.67e-004	-7.84e-005	-1.28e-004	-1.70e-004	-2.55e-005
421	-3.12e-004	+1.89e-004	-1.20e-004	-2.53e-005	-1.03e-004	-3.66e-005
422	-1.44e-003	+4.23e-004	-3.20e-004	-4.06e-005	-2.74e-004	-1.18e-003
423	-9.86e-004	+2.73e-004	-3.17e-004	+8.52e-006	-1.23e-004	-9.80e-004
424	-1.07e-003	+2.31e-004	-3.31e-004	-2.02e-005	-1.18e-004	-1.12e-003
425	-1.58e-003	+4.34e-004	-3.40e-004	-6.10e-005	-2.46e-004	-1.36e-003
426	-1.12e-003	+2.56e-004	-3.35e-004	-4.95e-005	-1.10e-004	-1.27e-003
427	-1.70e-003	+4.69e-004	-3.49e-004	-9.35e-005	-2.25e-004	-1.52e-003
428	-3.64e-004	+1.66e-004	-1.61e-004	+7.17e-005	-3.92e-005	-4.38e-005
429	-3.92e-004	+1.02e-004	-1.97e-004	+1.49e-004	+8.86e-006	-4.40e-005
430	-2.21e-006	-8.17e-007	-6.63e-006	-2.98e-004	-2.40e-004	+2.87e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
431	-1.43e-004	+1.04e-004	-4.93e-005	-2.53e-004	-2.26e-004	-5.01e-005
432	-2.75e-004	+1.72e-004	-9.94e-005	-1.61e-004	-1.74e-004	-9.90e-005
433	-3.73e-004	+1.99e-004	-1.46e-004	-5.97e-005	-9.87e-005	-1.46e-004
434	-4.35e-004	+1.83e-004	-1.88e-004	+4.11e-005	-2.83e-005	-1.90e-004
435	-4.66e-004	+1.26e-004	-2.24e-004	+1.29e-004	+2.49e-005	-2.26e-004
436	-1.87e-004	+1.22e-004	-9.38e-005	-2.42e-004	-3.97e-004	-1.16e-004
437	-3.51e-004	+2.15e-004	-1.47e-004	-1.62e-004	-3.24e-004	-2.27e-004
438	-4.77e-004	+2.69e-004	-1.88e-004	-6.82e-005	-2.32e-004	-3.35e-004
439	-5.61e-004	+2.81e-004	-2.23e-004	+2.47e-005	-1.41e-004	-4.40e-004
440	-6.08e-004	+2.53e-004	-2.54e-004	+1.11e-004	-6.76e-005	-5.41e-004
441	-7.39e-008	+9.92e-007	-7.30e-006	-2.33e-004	-5.98e-004	-2.32e-006
442	-2.56e-004	+1.21e-004	-6.17e-005	-2.20e-004	-5.57e-004	-1.73e-004
443	-3.82e-003	+8.21e-004	-1.67e-004	-2.29e-004	-9.57e-004	-1.33e-003
444	-3.17e-003	+7.99e-004	-2.52e-004	-2.16e-004	-7.81e-004	-1.35e-003
445	-3.54e-003	+9.02e-004	-2.71e-004	-2.00e-004	-6.89e-004	-1.53e-003
446	-4.28e-003	+9.35e-004	-1.86e-004	-2.16e-004	-8.40e-004	-1.50e-003
447	-3.88e-003	+1.00e-003	-2.82e-004	-1.93e-004	-6.37e-004	-1.69e-003
448	-4.69e-003	+1.04e-003	-2.00e-004	-2.07e-004	-7.75e-004	-1.64e-003
449	-4.16e-003	+1.09e-003	-2.91e-004	-1.79e-004	-5.45e-004	-1.82e-003
450	-5.03e-003	+1.14e-003	-2.13e-004	-1.96e-004	-6.60e-004	-1.76e-003
451	-6.23e-003	+1.27e-003	-1.40e-004	-1.98e-004	-6.90e-004	-1.80e-003
452	-7.09e-003	+1.32e-003	-5.91e-005	-2.04e-004	-7.61e-004	-1.78e-003
453	-4.41e-003	+1.18e-003	-2.98e-004	-1.75e-004	-5.02e-004	-1.93e-003
454	-5.33e-003	+1.23e-003	-2.20e-004	-1.92e-004	-6.02e-004	-1.86e-003
455	-1.19e-003	+3.15e-004	-3.62e-004	-8.13e-005	-1.74e-004	-1.36e-003
456	-1.81e-003	+5.27e-004	-3.61e-004	-1.13e-004	-2.42e-004	-1.63e-003
457	-2.67e-003	+8.48e-004	-3.72e-004	-1.18e-004	-3.06e-004	-1.88e-003
458	-3.46e-003	+1.13e-003	-3.69e-004	-1.72e-004	-3.91e-004	-1.94e-003
459	-1.26e-003	+3.55e-004	-3.79e-004	-5.72e-005	-1.44e-004	-1.44e-003
460	-1.92e-003	+5.83e-004	-3.75e-004	-9.20e-005	-2.19e-004	-1.72e-003
461	-3.13e-004	-2.94e-004	-2.95e-004	+2.07e-004	+1.03e-004	-6.31e-005
462	-3.72e-004	-2.57e-004	-3.32e-004	+1.31e-004	+4.76e-005	-2.12e-004
463	-4.98e-004	-1.51e-004	-3.66e-004	+5.09e-005	+1.23e-005	-6.21e-004
464	-7.40e-004	+1.81e-004	-3.83e-004	-2.69e-005	-6.52e-005	-1.06e-003
465	-2.86e-004	-4.08e-004	-3.09e-004	+2.09e-004	+1.08e-004	-1.34e-004
466	-3.59e-004	-3.29e-004	-3.43e-004	+1.47e-004	+5.56e-005	-3.15e-004
467	-2.29e-004	-2.80e-004	-2.32e-004	+2.89e-004	+5.45e-005	-2.16e-005
468	-2.47e-004	-2.77e-004	-2.42e-004	+3.06e-004	+5.70e-005	-8.63e-006
469	-2.36e-004	-4.31e-004	-2.61e-004	+3.07e-004	+6.89e-005	+4.62e-006
470	-2.50e-004	-4.31e-004	-2.63e-004	+2.91e-004	+7.04e-005	-3.34e-005
471	-2.12e-004	-4.23e-004	-2.44e-004	+2.94e-004	+5.98e-005	-3.36e-006
472	-2.24e-004	-4.26e-004	-2.54e-004	+3.07e-004	+6.14e-005	+3.40e-006
473	-1.29e-004	-2.86e-004	-2.46e-004	+2.72e-004	-3.01e-006	-7.09e-006
474	-1.42e-004	-2.87e-004	-2.47e-004	+2.64e-004	-7.82e-007	+4.73e-006
475	-1.88e-004	-4.16e-004	-2.42e-004	+2.80e-004	+2.13e-005	+1.36e-005
476	-2.00e-004	-4.21e-004	-2.29e-004	+2.89e-004	+3.16e-005	+4.47e-006
477	-1.30e-004	-4.12e-004	-2.57e-004	+2.55e-004	-2.21e-006	-7.15e-006
478	-1.42e-004	-4.11e-004	-2.58e-004	+2.53e-004	+5.33e-009	-1.18e-006
479	-1.88e-004	-1.37e-004	-2.23e-004	+3.13e-004	+1.04e-005	-6.02e-006
480	-1.71e-004	-1.46e-004	-2.28e-004	+3.09e-004	+4.73e-006	-2.99e-005
481	-1.69e-004	-2.83e-004	-2.44e-004	+2.67e-004	+6.95e-006	-1.43e-005
482	-1.83e-004	-2.78e-004	-2.39e-004	+2.79e-004	+1.34e-005	-2.54e-006
483	-2.97e-005	-3.09e-004	-2.34e-004	+2.69e-004	-2.36e-006	-7.05e-007
484	-3.79e-005	-3.05e-004	-2.35e-004	+2.77e-004	-2.98e-006	-1.20e-005
485	-7.67e-005	-4.29e-004	-2.49e-004	+2.57e-004	-4.01e-006	-8.17e-006
486	-8.68e-005	-4.25e-004	-2.50e-004	+2.59e-004	-4.30e-006	-5.35e-006
487	-3.12e-005	-4.36e-004	-2.44e-004	+2.58e-004	-1.73e-006	-1.13e-006
488	-3.97e-005	-4.34e-004	-2.44e-004	+2.61e-004	-2.20e-006	-5.42e-006
489	-6.05e-005	-1.66e-004	-2.22e-004	+3.26e-004	-4.88e-006	-1.03e-006
490	-5.18e-005	-1.59e-004	-2.21e-004	+3.36e-004	-4.30e-006	+2.58e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
491	-5.51e-005	-3.04e-004	-2.36e-004	+2.75e-004	-4.16e-006	+9.32e-006
492	-6.42e-005	-3.06e-004	-2.37e-004	+2.66e-004	-4.69e-006	-2.19e-006
493	+4.90e-005	-3.01e-004	-2.35e-004	+2.83e-004	+3.77e-006	+1.41e-006
494	+4.05e-005	-3.05e-004	-2.35e-004	+2.76e-004	+3.15e-006	+1.21e-005
495	+9.17e-006	-4.36e-004	-2.43e-004	+2.62e-004	+4.75e-007	+4.16e-006
496	+1.20e-006	-4.37e-004	-2.43e-004	+2.59e-004	+4.37e-008	+3.92e-008
497	+5.12e-005	-4.32e-004	-2.45e-004	+2.63e-004	+2.80e-006	+2.24e-006
498	+4.24e-005	-4.34e-004	-2.45e-004	+2.61e-004	+2.31e-006	+5.57e-006
499	+1.53e-005	-1.53e-004	-2.19e-004	+3.45e-004	+1.32e-006	+1.59e-007
500	+2.26e-005	-1.60e-004	-2.19e-004	+3.37e-004	+1.96e-006	-2.64e-005
501	+2.42e-005	-3.06e-004	-2.34e-004	+2.77e-004	+1.91e-006	+1.05e-005
502	+1.64e-005	-3.03e-004	-2.33e-004	+2.85e-004	+1.29e-006	+3.49e-007
503	+1.60e-004	-2.85e-004	-2.47e-004	+2.54e-004	-2.60e-006	+5.61e-006
504	+1.46e-004	-2.85e-004	-2.47e-004	+2.62e-004	+8.39e-007	-3.90e-006
505	+1.01e-004	-4.23e-004	-2.52e-004	+2.53e-004	+4.55e-006	+3.26e-006
506	+9.03e-005	-4.25e-004	-2.51e-004	+2.58e-004	+4.45e-006	+5.86e-006
507	+1.58e-004	-4.07e-004	-2.58e-004	+2.50e-004	-3.45e-006	+2.80e-006
508	+1.46e-004	-4.08e-004	-2.58e-004	+2.51e-004	+1.80e-008	+2.32e-006
509	+1.05e-004	-1.62e-004	-2.27e-004	+3.18e-004	+6.03e-006	+4.02e-006
510	+1.18e-004	-1.52e-004	-2.29e-004	+3.24e-004	+5.50e-006	+3.17e-005
511	+1.21e-004	-2.92e-004	-2.45e-004	+2.65e-004	+4.58e-006	+1.86e-005
512	+1.09e-004	-2.98e-004	-2.44e-004	+2.59e-004	+5.37e-006	+6.56e-006
513	+2.73e-004	-2.76e-004	-2.45e-004	+3.07e-004	-6.60e-005	-1.03e-005
514	+2.55e-004	-2.72e-004	-2.40e-004	+3.02e-004	-5.75e-005	+9.76e-006
515	+2.18e-004	-4.17e-004	-2.42e-004	+2.92e-004	-5.99e-005	+4.60e-006
516	+2.06e-004	-4.15e-004	-2.29e-004	+2.86e-004	-3.28e-005	-3.23e-006
517	+2.43e-004	-4.25e-004	-2.58e-004	+3.05e-004	-6.95e-005	-4.36e-006
518	+2.31e-004	-4.19e-004	-2.52e-004	+3.04e-004	-6.23e-005	-2.54e-006
519	+4.96e-004	-1.28e-004	-3.43e-004	+1.82e-005	-2.39e-006	+4.94e-004
520	+3.82e-004	-2.53e-004	-3.22e-004	+1.31e-004	-5.05e-005	+2.08e-004
521	+2.94e-004	-4.02e-004	-3.01e-004	+2.09e-004	-1.10e-004	+1.32e-004
522	+2.58e-004	-4.24e-004	-2.58e-004	+2.89e-004	-7.35e-005	+3.31e-005
523	+5.04e-004	-1.51e-004	-3.55e-004	+5.44e-005	-1.67e-005	+6.09e-004
524	+3.66e-004	-3.25e-004	-3.34e-004	+1.49e-004	-5.94e-005	+3.09e-004
525	+2.50e-003	+7.61e-004	-3.49e-004	-1.27e-004	+3.26e-004	+1.75e-003
526	+1.80e-003	+5.15e-004	-3.46e-004	-1.12e-004	+2.33e-004	+1.61e-003
527	+1.26e-003	+3.45e-004	-3.64e-004	-5.46e-005	+1.35e-004	+1.42e-003
528	+7.43e-004	+1.75e-004	-3.69e-004	-2.42e-005	+5.64e-005	+1.04e-003
529	+2.65e-003	+8.31e-004	-3.56e-004	-1.16e-004	+2.97e-004	+1.86e-003
530	+1.91e-003	+5.70e-004	-3.59e-004	-9.01e-005	+2.09e-004	+1.70e-003
531	+5.82e-003	+1.15e-003	-1.09e-004	-2.36e-004	+7.56e-004	+1.69e-003
532	+4.99e-003	+1.11e-003	-1.93e-004	-1.91e-004	+6.50e-004	+1.74e-003
533	+4.37e-003	+1.16e-003	-2.79e-004	-1.77e-004	+4.91e-004	+1.91e-003
534	+3.43e-003	+1.11e-003	-3.51e-004	-1.73e-004	+3.81e-004	+1.92e-003
535	+6.17e-003	+1.25e-003	-1.18e-004	-1.93e-004	+6.79e-004	+1.78e-003
536	+5.28e-003	+1.20e-003	-2.00e-004	-1.97e-004	+5.91e-004	+1.85e-003
537	-1.68e-007	+2.36e-006	-5.26e-006	-5.25e-004	-3.73e-006	+8.79e-009
538	-1.08e-007	+2.36e-006	-5.27e-006	-5.25e-004	-2.39e-006	+1.60e-010
539	-2.23e-006	+2.27e-004	-4.32e-005	-4.60e-004	-2.32e-006	+7.33e-008
540	-3.48e-006	+2.27e-004	-4.32e-005	-4.60e-004	-3.61e-006	+1.84e-007
541	-9.12e-006	+3.99e-004	-7.79e-005	-2.99e-004	-4.68e-006	+3.27e-007
542	-1.17e-005	+3.99e-004	-7.78e-005	-2.99e-004	-6.00e-006	+2.29e-007
543	-4.27e-006	+3.99e-004	-7.79e-005	-3.00e-004	-2.20e-006	+1.35e-007
544	-6.65e-006	+3.99e-004	-7.79e-005	-3.00e-004	-3.41e-006	+4.54e-007
545	-2.99e-005	+4.85e-004	-1.09e-004	-9.11e-005	-9.64e-006	+1.54e-006
546	-2.52e-005	+4.86e-004	-1.09e-004	-9.21e-005	-8.20e-006	+1.91e-006
547	-3.21e-005	+4.80e-004	-1.38e-004	+1.17e-004	-7.43e-006	+3.66e-006
548	-3.80e-005	+4.79e-004	-1.38e-004	+1.20e-004	-8.67e-006	+1.61e-006
549	-5.26e-005	+3.86e-004	-1.64e-004	+2.90e-004	-8.73e-006	-5.44e-006
550	-6.07e-005	+3.87e-004	-1.64e-004	+2.84e-004	-9.79e-006	+2.49e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
551	-3.82e-005	+3.87e-004	-1.63e-004	+2.91e-004	-6.61e-006	+8.34e-006
552	-4.51e-005	+3.84e-004	-1.63e-004	+2.97e-004	-7.66e-006	+1.39e-006
553	-9.62e-006	+4.87e-004	-1.09e-004	-9.25e-005	-3.19e-006	+1.07e-006
554	-6.18e-006	+4.88e-004	-1.09e-004	-9.33e-005	-2.05e-006	+1.76e-007
555	-7.93e-006	+4.82e-004	-1.38e-004	+1.15e-004	-1.89e-006	+1.87e-007
556	-1.23e-005	+4.81e-004	-1.38e-004	+1.18e-004	-2.92e-006	+2.78e-006
557	-2.02e-005	+3.85e-004	-1.62e-004	+2.98e-004	-3.59e-006	+3.88e-007
558	-2.59e-005	+3.88e-004	-1.63e-004	+2.91e-004	-4.57e-006	-6.76e-006
559	-9.49e-006	+3.90e-004	-1.62e-004	+2.86e-004	-1.70e-006	+1.64e-007
560	-1.48e-005	+3.88e-004	-1.62e-004	+2.92e-004	-2.64e-006	+7.57e-006
561	-3.69e-007	+2.36e-006	-5.24e-006	-5.24e-004	-8.16e-006	+2.78e-010
562	-7.60e-006	+2.27e-004	-4.30e-005	-4.59e-004	-7.88e-006	+3.47e-007
563	-1.45e-005	+3.99e-004	-7.78e-005	-2.99e-004	-7.40e-006	+6.37e-007
564	-2.09e-005	+4.87e-004	-1.09e-004	-9.31e-005	-6.85e-006	+8.22e-007
565	-1.69e-005	+2.31e-004	-1.84e-004	+3.95e-004	-2.33e-006	+1.97e-005
566	-1.08e-005	+2.37e-004	-1.84e-004	+3.85e-004	-1.51e-006	+1.08e-007
567	-1.21e-005	+3.42e-005	-2.04e-004	+3.90e-004	-1.24e-006	+3.91e-009
568	-1.88e-005	+2.53e-005	-2.04e-004	+3.92e-004	-1.92e-006	+3.53e-005
569	-1.31e-005	-1.53e-004	-2.19e-004	+3.45e-004	-1.16e-006	-1.35e-007
570	-2.04e-005	-1.60e-004	-2.19e-004	+3.38e-004	-1.79e-006	+2.64e-005
571	-3.62e-005	+2.36e-004	-1.84e-004	+3.84e-004	-4.88e-006	+4.86e-007
572	-4.03e-005	+3.43e-005	-2.05e-004	+3.89e-004	-3.99e-006	+4.61e-009
573	+4.69e-007	+2.36e-006	-5.22e-006	-5.24e-004	+1.04e-005	-8.75e-009
574	+5.56e-007	+2.35e-006	-5.19e-006	-5.23e-004	+1.23e-005	+2.21e-010
575	+1.14e-005	+2.26e-004	-4.28e-005	-4.58e-004	+1.18e-005	+7.12e-007
576	+9.66e-006	+2.26e-004	-4.29e-005	-4.59e-004	+9.98e-006	-5.82e-007
577	+1.53e-005	+3.98e-004	-7.77e-005	-2.99e-004	+7.82e-006	-6.95e-007
578	+1.25e-005	+3.99e-004	-7.78e-005	-2.99e-004	+6.39e-006	-2.73e-007
579	+2.17e-005	+3.97e-004	-7.75e-005	-2.98e-004	+1.10e-005	-1.30e-006
580	+1.84e-005	+3.98e-004	-7.76e-005	-2.99e-004	+9.34e-006	-1.18e-006
581	+7.20e-006	+4.88e-004	-1.09e-004	-9.33e-005	+2.38e-006	-2.08e-007
582	+1.07e-005	+4.87e-004	-1.09e-004	-9.25e-005	+3.53e-006	-1.10e-006
583	+1.37e-005	+4.81e-004	-1.38e-004	+1.17e-004	+3.23e-006	-2.82e-006
584	+9.24e-006	+4.82e-004	-1.37e-004	+1.15e-004	+2.18e-006	-2.21e-007
585	+5.89e-006	+3.88e-004	-1.62e-004	+2.92e-004	+1.04e-006	+7.20e-006
586	+7.74e-007	+3.86e-004	-1.62e-004	+2.98e-004	+1.29e-007	-1.32e-008
587	+1.64e-005	+3.88e-004	-1.62e-004	+2.91e-004	+2.91e-006	-7.61e-006
588	+1.11e-005	+3.90e-004	-1.62e-004	+2.86e-004	+1.97e-006	-1.95e-007
589	+2.65e-005	+4.86e-004	-1.09e-004	-9.21e-005	+8.61e-006	-2.00e-006
590	+3.12e-005	+4.85e-004	-1.09e-004	-9.11e-005	+1.01e-005	-1.67e-006
591	+3.98e-005	+4.78e-004	-1.38e-004	+1.20e-004	+9.06e-006	-1.74e-006
592	+3.38e-005	+4.80e-004	-1.38e-004	+1.17e-004	+7.79e-006	-3.77e-006
593	+3.37e-005	+3.89e-004	-1.63e-004	+2.85e-004	+5.88e-006	-8.24e-007
594	+2.76e-005	+3.87e-004	-1.63e-004	+2.91e-004	+4.86e-006	+6.70e-006
595	+4.72e-005	+3.84e-004	-1.63e-004	+2.97e-004	+8.01e-006	-1.51e-006
596	+4.02e-005	+3.87e-004	-1.63e-004	+2.91e-004	+6.93e-006	-8.42e-006
597	+2.51e-007	+2.35e-006	-5.25e-006	-5.25e-004	+5.54e-006	-3.31e-010
598	+5.17e-006	+2.27e-004	-4.31e-005	-4.60e-004	+5.36e-006	-1.97e-007
599	+9.87e-006	+3.99e-004	-7.78e-005	-2.99e-004	+5.06e-006	-3.62e-007
600	+1.43e-005	+4.87e-004	-1.09e-004	-9.16e-005	+4.71e-006	-4.69e-007
601	+4.56e-005	+2.31e-004	-1.85e-004	+3.94e-004	+6.03e-006	-2.02e-005
602	+5.34e-005	+2.24e-004	-1.85e-004	+4.06e-004	+6.91e-006	-9.81e-007
603	+5.91e-005	+1.11e-005	-2.06e-004	+3.92e-004	+5.60e-006	-5.19e-008
604	+5.06e-005	+2.53e-005	-2.05e-004	+3.90e-004	+4.91e-006	-3.53e-005
605	+6.34e-005	-1.66e-004	-2.22e-004	+3.26e-004	+5.09e-006	+1.12e-006
606	+5.44e-005	-1.59e-004	-2.21e-004	+3.35e-004	+4.50e-006	-2.58e-005
607	+2.50e-005	+2.25e-004	-1.84e-004	+4.07e-004	+3.41e-006	-2.74e-007
608	+2.79e-005	+1.11e-005	-2.04e-004	+3.94e-004	+2.79e-006	+9.25e-009
609	+2.23e-006	+2.31e-006	-4.37e-006	-4.75e-004	+4.71e-005	-1.95e-007
610	+2.58e-006	+2.26e-006	-4.16e-006	-4.55e-004	+6.22e-005	-3.73e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
611	+5.24e-005	+1.96e-004	-3.57e-005	-3.97e-004	+5.56e-005	-2.09e-005
612	+4.50e-005	+2.05e-004	-3.73e-005	-4.15e-004	+4.35e-005	-1.62e-005
613	+7.18e-005	+3.71e-004	-7.22e-005	-2.78e-004	+3.29e-005	-2.16e-005
614	+6.19e-005	+3.80e-004	-7.38e-005	-2.84e-004	+2.85e-005	-1.57e-005
615	+9.74e-005	+3.45e-004	-6.76e-005	-2.57e-004	+4.79e-005	-3.76e-005
616	+8.35e-005	+3.60e-004	-7.01e-005	-2.69e-004	+3.64e-005	-2.89e-005
617	+5.65e-005	+4.79e-004	-1.09e-004	-8.96e-005	+1.71e-005	-6.28e-006
618	+6.52e-005	+4.76e-004	-1.08e-004	-8.97e-005	+1.91e-005	-8.33e-006
619	+8.13e-005	+4.70e-004	-1.38e-004	+1.15e-004	+1.61e-005	-6.40e-006
620	+7.09e-005	+4.72e-004	-1.38e-004	+1.19e-004	+1.46e-005	-6.16e-006
621	+7.24e-005	+3.83e-004	-1.64e-004	+2.88e-004	+1.12e-005	-1.09e-005
622	+6.32e-005	+3.86e-004	-1.64e-004	+2.84e-004	+1.02e-005	-2.69e-006
623	+9.45e-005	+3.78e-004	-1.65e-004	+2.84e-004	+1.30e-005	+4.90e-007
624	+8.28e-005	+3.79e-004	-1.65e-004	+2.93e-004	+1.22e-005	-4.78e-006
625	+1.16e-004	+4.39e-004	-1.02e-004	-8.21e-005	+2.89e-005	-3.54e-005
626	+1.35e-004	+4.20e-004	-9.94e-005	-7.89e-005	+3.72e-005	-4.66e-005
627	+1.63e-004	+4.15e-004	-1.30e-004	+9.88e-005	+2.49e-005	-4.60e-005
628	+1.41e-004	+4.33e-004	-1.33e-004	+1.06e-004	+2.05e-005	-3.33e-005
629	+1.40e-004	+3.58e-004	-1.63e-004	+2.77e-004	+1.41e-005	-2.14e-005
630	+1.23e-004	+3.69e-004	-1.64e-004	+2.76e-004	+1.40e-005	-2.23e-005
631	+1.82e-004	+3.36e-004	-1.57e-004	+2.44e-004	+1.36e-005	-3.61e-005
632	+1.59e-004	+3.49e-004	-1.61e-004	+2.62e-004	+1.24e-005	-2.13e-005
633	+1.41e-006	+2.36e-006	-4.86e-006	-5.08e-004	+3.08e-005	-1.11e-008
634	+2.86e-005	+2.19e-004	-4.07e-005	-4.45e-004	+2.86e-005	-6.02e-006
635	+5.34e-005	+3.86e-004	-7.50e-005	-2.89e-004	+2.51e-005	-1.08e-005
636	+7.51e-005	+4.71e-004	-1.07e-004	-8.96e-005	+2.14e-005	-1.33e-005
637	+1.70e-004	+2.08e-004	-1.86e-004	+3.56e-004	+4.96e-006	+2.37e-006
638	+1.92e-004	+2.05e-004	-1.82e-004	+3.30e-004	+3.53e-006	-1.95e-005
639	+1.96e-004	+3.02e-005	-2.05e-004	+3.41e-004	-5.26e-006	-1.61e-006
640	+1.76e-004	+2.29e-005	-2.09e-004	+3.53e-004	-1.16e-006	+3.10e-005
641	+1.94e-004	-1.35e-004	-2.23e-004	+3.10e-004	-1.07e-005	+6.69e-006
642	+1.76e-004	-1.44e-004	-2.28e-004	+3.06e-004	-4.84e-006	+3.04e-005
643	+1.18e-004	+2.29e-004	-1.89e-004	+3.70e-004	+9.98e-006	-5.48e-006
644	+1.26e-004	+3.52e-005	-2.12e-004	+3.73e-004	+6.48e-006	+4.07e-007
645	-4.82e-004	+2.25e-004	-1.22e-004	-1.78e-004	-4.65e-004	-3.42e-004
646	-6.68e-004	+2.92e-004	-1.78e-004	-1.20e-004	-3.56e-004	-5.06e-004
647	+2.34e-004	+2.94e-004	-1.39e-004	+2.22e-004	+3.11e-005	-4.40e-005
648	-8.08e-004	+3.22e-004	-2.29e-004	-6.68e-005	-2.46e-004	-6.66e-004
649	-9.07e-004	+3.17e-004	-2.75e-004	-1.64e-005	-1.60e-004	-8.24e-004
650	-5.42e-007	+9.66e-007	-6.80e-006	-2.98e-004	-7.77e-004	-1.86e-006
651	-3.41e-004	+1.35e-004	-6.22e-005	-2.75e-004	-7.37e-004	-2.09e-004
652	-6.52e-004	+2.48e-004	-1.21e-004	-2.28e-004	-6.44e-004	-4.15e-004
653	-9.16e-004	+3.34e-004	-1.83e-004	-1.72e-004	-5.28e-004	-6.16e-004
654	-1.13e-003	+3.91e-004	-2.39e-004	-1.15e-004	-4.16e-004	-8.12e-004
655	-1.30e-003	+4.17e-004	-2.87e-004	-6.40e-005	-3.28e-004	-1.00e-003
656	+5.67e-003	+9.68e-004	+1.07e-005	-5.28e-003	+8.26e-004	+1.46e-003
657	-9.58e-007	+9.78e-007	-8.43e-006	-3.66e-004	-9.84e-004	-2.17e-006
658	-4.37e-004	+1.53e-004	-7.14e-005	-3.38e-004	-9.45e-004	-2.32e-004
659	-8.45e-004	+2.81e-004	-1.41e-004	-2.93e-004	-8.47e-004	-4.60e-004
660	-1.20e-003	+3.92e-004	-2.03e-004	-2.49e-004	-7.21e-004	-6.83e-004
661	-1.50e-003	+4.80e-004	-2.56e-004	-1.99e-004	-5.99e-004	-8.98e-004
662	-1.75e-003	+5.45e-004	-2.98e-004	-1.58e-004	-4.98e-004	-1.10e-003
663	-5.46e-004	+1.63e-004	-1.17e-004	-3.50e-004	-1.19e-003	-2.49e-004
664	-1.05e-003	+3.18e-004	-1.87e-004	-3.33e-004	-1.08e-003	-4.93e-004
665	-1.50e-003	+4.61e-004	-2.40e-004	-2.96e-004	-9.39e-004	-7.29e-004
666	-1.89e-003	+5.85e-004	-2.81e-004	-2.52e-004	-8.04e-004	-9.52e-004
667	-2.22e-003	+6.90e-004	-3.13e-004	-2.12e-004	-6.86e-004	-1.16e-003
668	-1.66e-006	+4.23e-006	-7.46e-006	-1.54e-004	-1.53e-003	-1.97e-006
669	-6.72e-004	+1.41e-004	-5.69e-005	-2.27e-004	-1.47e-003	-2.60e-004
670	-1.30e-003	+2.97e-004	-1.12e-004	-2.59e-004	-1.35e-003	-5.13e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
671	-1.17e-006	+2.36e-006	-4.97e-006	-5.14e-004	-2.56e-005	-1.04e-008
672	-1.00e-006	+2.36e-006	-5.05e-006	-5.17e-004	-2.20e-005	-5.05e-009
673	-2.04e-005	+2.23e-004	-4.19e-005	-4.53e-004	-2.07e-005	+2.66e-006
674	-2.37e-005	+2.22e-004	-4.15e-005	-4.50e-004	-2.39e-005	+3.82e-006
675	-5.16e-005	+3.87e-004	-7.52e-005	-2.90e-004	-2.43e-005	+1.01e-005
676	-5.99e-005	+3.81e-004	-7.40e-005	-2.85e-004	-2.76e-005	+1.48e-005
677	-3.84e-005	+3.93e-004	-7.66e-005	-2.94e-004	-1.87e-005	+4.76e-006
678	-4.45e-005	+3.90e-004	-7.60e-005	-2.93e-004	-2.13e-005	+6.71e-006
679	-1.31e-004	+4.24e-004	-9.99e-005	-7.98e-005	-3.62e-005	+4.40e-005
680	-1.12e-004	+4.42e-004	-1.03e-004	-8.28e-005	-2.81e-005	+3.33e-005
681	-1.37e-004	+4.36e-004	-1.33e-004	+1.07e-004	-1.99e-005	+3.13e-005
682	-1.58e-004	+4.19e-004	-1.30e-004	+9.97e-005	-2.42e-005	+4.35e-005
683	-2.00e-004	+3.20e-004	-1.52e-004	+2.37e-004	+2.59e-006	+4.76e-005
684	-2.27e-004	+2.99e-004	-1.40e-004	+2.26e-004	-3.00e-005	+4.15e-005
685	-1.54e-004	+3.52e-004	-1.61e-004	+2.64e-004	-1.20e-005	+1.97e-005
686	-1.76e-004	+3.40e-004	-1.58e-004	+2.47e-004	-1.32e-005	+3.40e-005
687	-6.30e-005	+4.77e-004	-1.08e-004	-9.00e-005	-1.85e-005	+7.74e-006
688	-5.46e-005	+4.80e-004	-1.09e-004	-8.98e-005	-1.65e-005	+5.86e-006
689	-6.84e-005	+4.73e-004	-1.38e-004	+1.19e-004	-1.41e-005	+5.73e-006
690	-7.86e-005	+4.70e-004	-1.38e-004	+1.15e-004	-1.55e-005	+5.82e-006
691	-1.04e-004	+3.78e-004	-1.65e-004	+2.76e-004	-1.33e-005	+9.50e-006
692	-1.19e-004	+3.70e-004	-1.64e-004	+2.77e-004	-1.35e-005	+2.14e-005
693	-7.99e-005	+3.79e-004	-1.65e-004	+2.94e-004	-1.18e-005	+4.43e-006
694	-9.13e-005	+3.79e-004	-1.65e-004	+2.85e-004	-1.26e-005	-9.62e-007
695	-1.86e-006	+2.34e-006	-4.60e-006	-4.92e-004	-4.07e-005	+9.39e-008
696	-3.74e-005	+2.12e-004	-3.89e-005	-4.30e-004	-3.72e-005	+1.13e-005
697	-6.95e-005	+3.73e-004	-7.24e-005	-2.79e-004	-3.18e-005	+2.03e-005
698	-9.70e-005	+4.55e-004	-1.05e-004	-8.49e-005	-2.60e-005	+2.52e-005
699	-1.01e-004	+2.26e-004	-1.89e-004	+3.86e-004	-9.71e-006	-1.64e-005
700	-8.90e-005	+2.22e-004	-1.88e-004	+4.01e-004	-9.44e-006	+2.26e-006
701	-9.65e-005	+1.12e-005	-2.10e-004	+3.85e-004	-7.08e-006	-7.28e-007
702	-1.09e-004	+2.59e-005	-2.11e-004	+3.80e-004	-6.90e-006	-3.64e-005
703	-1.01e-004	-1.63e-004	-2.27e-004	+3.19e-004	-5.82e-006	-3.73e-006
704	-1.14e-004	-1.53e-004	-2.29e-004	+3.25e-004	-5.30e-006	-3.14e-005
705	-1.46e-004	+2.11e-004	-1.88e-004	+3.80e-004	-7.88e-006	+1.23e-005
706	-1.53e-004	+1.09e-005	-2.11e-004	+3.67e-004	-2.76e-006	+3.29e-006
707	-1.87e-003	+4.45e-004	-1.59e-004	-2.56e-004	-1.19e-003	-7.54e-004
708	-2.36e-003	+5.79e-004	-1.98e-004	-2.46e-004	-1.04e-003	-9.76e-004
709	-2.79e-003	+6.97e-004	-2.29e-004	-2.30e-004	-8.95e-004	-1.18e-003
710	-1.82e-006	+3.80e-006	-3.45e-006	-2.01e-004	-1.81e-003	-9.01e-008
711	-8.00e-004	+1.34e-004	-3.06e-005	-2.26e-004	-1.75e-003	-2.62e-004
712	-1.55e-003	+2.85e-004	-6.04e-005	-2.68e-004	-1.62e-003	-5.16e-004
713	-2.24e-003	+4.39e-004	-9.05e-005	-2.76e-004	-1.45e-003	-7.55e-004
714	-2.84e-003	+5.82e-004	-1.19e-004	-2.66e-004	-1.26e-003	-9.72e-004
715	-3.37e-003	+7.10e-004	-1.45e-004	-2.49e-004	-1.10e-003	-1.17e-003
716	-2.28e-006	+2.90e-006	+9.18e-007	-1.90e-004	-2.10e-003	-4.74e-006
717	-1.06e-003	+1.42e-004	+6.63e-005	-3.05e-004	-2.32e-003	-2.91e-004
718	-9.29e-004	+1.31e-004	-1.70e-006	-2.60e-004	-2.04e-003	-2.70e-004
719	-2.07e-003	+2.99e-004	+8.86e-005	-3.42e-004	-2.16e-003	-5.57e-004
720	-1.81e-003	+2.87e-004	-4.47e-006	-3.05e-004	-1.89e-003	-5.24e-004
721	-2.98e-003	+4.60e-004	+8.65e-005	-3.38e-004	-1.94e-003	-7.99e-004
722	-2.60e-003	+4.45e-004	-1.59e-005	-3.06e-004	-1.69e-003	-7.61e-004
723	-3.79e-003	+6.12e-004	+6.90e-005	-3.17e-004	-1.70e-003	-1.01e-003
724	-3.31e-003	+5.94e-004	-3.42e-005	-2.93e-004	-1.49e-003	-9.74e-004
725	-4.50e-003	+7.50e-004	+4.33e-005	-2.87e-004	-1.47e-003	-1.19e-003
726	-3.93e-003	+7.28e-004	-5.58e-005	-2.70e-004	-1.29e-003	-1.16e-003
727	-6.55e-003	+1.37e-003	-1.43e-004	-1.98e-004	-6.75e-004	-1.87e-003
728	-5.62e-003	+1.32e-003	-2.23e-004	-1.92e-004	-5.99e-004	-1.95e-003
729	-4.65e-003	+1.27e-003	-3.00e-004	-1.75e-004	-4.99e-004	-2.03e-003
730	-2.81e-003	+9.07e-004	-3.76e-004	-1.04e-004	-2.77e-004	-1.99e-003

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
731	-2.02e-003	+6.25e-004	-3.80e-004	-6.81e-005	-1.70e-004	-1.82e-003
732	-1.32e-003	+3.78e-004	-3.86e-004	-3.55e-005	-6.84e-005	-1.54e-003
733	-4.93e-004	-1.97e-004	-3.73e-004	+1.17e-004	+5.50e-005	-7.13e-004
734	-3.37e-004	-4.15e-004	-3.48e-004	+1.87e-004	+8.32e-005	-3.93e-004
735	-2.53e-004	-5.26e-004	-3.14e-004	+2.28e-004	+1.22e-004	-1.88e-004
736	-2.05e-004	-5.79e-004	-2.67e-004	+3.07e-004	+6.93e-005	-1.51e-006
737	-1.98e-004	-5.74e-004	-2.60e-004	+3.05e-004	+6.15e-005	+1.05e-005
738	-1.92e-004	-5.68e-004	-2.49e-004	+2.95e-004	+6.13e-005	+8.97e-006
739	-1.05e-004	-2.99e-004	-2.43e-004	+2.60e-004	-5.17e-006	-6.03e-006
740	-1.17e-004	-2.93e-004	-2.45e-004	+2.66e-004	-4.42e-006	-1.80e-005
741	-1.65e-004	-4.09e-004	-2.55e-004	+2.60e-004	+8.12e-006	-1.10e-006
742	-1.76e-004	-4.11e-004	-2.50e-004	+2.72e-004	+1.44e-005	+7.24e-006
743	-1.77e-004	-5.52e-004	-2.47e-004	+2.81e-004	+2.21e-005	+2.40e-005
744	-1.60e-004	-5.35e-004	-2.60e-004	+2.60e-004	+8.15e-006	+8.51e-006
745	-1.69e-004	-5.41e-004	-2.55e-004	+2.70e-004	+1.44e-005	+1.78e-005
746	-1.08e-004	-4.22e-004	-2.54e-004	+2.50e-004	-4.19e-006	-7.48e-006
747	-1.19e-004	-4.17e-004	-2.56e-004	+2.52e-004	-3.53e-006	-1.17e-005
748	-1.31e-004	-5.34e-004	-2.62e-004	+2.51e-004	-2.17e-006	-6.56e-006
749	-1.42e-004	-5.33e-004	-2.63e-004	+2.51e-004	-3.53e-008	-1.17e-006
750	-1.10e-004	-5.43e-004	-2.59e-004	+2.50e-004	-3.96e-006	-8.60e-006
751	-1.21e-004	-5.38e-004	-2.61e-004	+2.50e-004	-3.40e-006	-1.00e-005
752	-1.55e-004	-1.55e-004	-2.30e-004	+3.05e-004	+4.76e-007	-3.16e-006
753	-1.55e-004	-2.88e-004	-2.46e-004	+2.57e-004	+2.56e-006	-4.70e-006
754	-1.41e-005	-3.03e-004	-2.33e-004	+2.85e-004	-1.14e-006	-2.95e-007
755	-2.18e-005	-3.06e-004	-2.34e-004	+2.77e-004	-1.75e-006	+1.05e-005
756	-5.75e-005	-4.32e-004	-2.46e-004	+2.59e-004	-3.16e-006	+1.21e-006
757	-6.69e-005	-4.32e-004	-2.47e-004	+2.55e-004	-3.62e-006	-3.40e-006
758	-7.87e-005	-5.53e-004	-2.54e-004	+2.56e-004	-3.63e-006	-7.36e-006
759	-5.91e-005	-5.57e-004	-2.51e-004	+2.58e-004	-2.79e-006	-1.93e-006
760	-6.88e-005	-5.55e-004	-2.53e-004	+2.56e-004	-3.23e-006	-4.58e-006
761	-1.48e-005	-4.34e-004	-2.43e-004	+2.65e-004	-8.22e-007	-4.83e-007
762	-2.29e-005	-4.35e-004	-2.43e-004	+2.62e-004	-1.27e-006	+3.08e-006
763	-3.21e-005	-5.61e-004	-2.49e-004	+2.59e-004	-1.48e-006	-1.58e-006
764	-4.08e-005	-5.60e-004	-2.49e-004	+2.59e-004	-1.90e-006	-3.83e-006
765	-1.52e-005	-5.61e-004	-2.48e-004	+2.61e-004	-6.98e-007	-6.77e-007
766	-2.36e-005	-5.61e-004	-2.48e-004	+2.60e-004	-1.08e-006	+5.95e-007
767	-4.34e-005	-1.52e-004	-2.21e-004	+3.44e-004	-3.69e-006	-6.09e-007
768	-4.63e-005	-3.01e-004	-2.35e-004	+2.83e-004	-3.58e-006	-1.29e-006
769	+6.72e-005	-3.06e-004	-2.37e-004	+2.66e-004	+4.89e-006	+2.38e-006
770	+5.79e-005	-3.04e-004	-2.36e-004	+2.75e-004	+4.35e-006	+9.16e-006
771	+2.54e-005	-4.35e-004	-2.43e-004	+2.62e-004	+1.36e-006	-2.98e-006
772	+1.72e-005	-4.34e-004	-2.43e-004	+2.65e-004	+9.13e-007	+5.73e-007
773	+9.42e-006	-5.62e-004	-2.48e-004	+2.60e-004	+3.93e-007	+2.11e-006
774	+2.61e-005	-5.61e-004	-2.48e-004	+2.60e-004	+1.15e-006	-4.47e-007
775	+1.77e-005	-5.61e-004	-2.48e-004	+2.61e-004	+7.63e-007	+8.04e-007
776	+7.00e-005	-4.31e-004	-2.48e-004	+2.55e-004	+3.75e-006	+3.72e-006
777	+6.05e-005	-4.32e-004	-2.46e-004	+2.59e-004	+3.29e-006	-9.62e-007
778	+5.27e-005	-5.57e-004	-2.50e-004	+2.59e-004	+2.43e-006	+3.09e-006
779	+4.36e-005	-5.59e-004	-2.49e-004	+2.59e-004	+1.98e-006	+4.05e-006
780	+7.19e-005	-5.55e-004	-2.53e-004	+2.55e-004	+3.34e-006	+5.02e-006
781	+6.21e-005	-5.56e-004	-2.51e-004	+2.57e-004	+2.89e-006	+2.28e-006
782	+3.01e-005	-1.67e-004	-2.19e-004	+3.29e-004	+2.59e-006	+3.72e-007
783	+3.22e-005	-3.09e-004	-2.34e-004	+2.69e-004	+2.53e-006	+7.82e-007
784	+1.89e-004	-2.75e-004	-2.40e-004	+2.77e-004	-1.38e-005	+3.56e-006
785	+1.74e-004	-2.80e-004	-2.44e-004	+2.64e-004	-7.13e-006	+1.52e-005
786	+1.23e-004	-4.15e-004	-2.56e-004	+2.50e-004	+3.65e-006	+1.26e-005
787	+1.12e-004	-4.20e-004	-2.54e-004	+2.48e-004	+4.33e-006	+8.26e-006
788	+1.03e-004	-5.45e-004	-2.58e-004	+2.52e-004	+4.23e-006	+7.09e-006
789	+1.25e-004	-5.36e-004	-2.62e-004	+2.49e-004	+3.51e-006	+1.12e-005
790	+1.14e-004	-5.41e-004	-2.60e-004	+2.49e-004	+4.09e-006	+9.62e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
791	+1.82e-004	-4.06e-004	-2.50e-004	+2.69e-004	-1.48e-005	-6.05e-006
792	+1.70e-004	-4.06e-004	-2.55e-004	+2.58e-004	-8.34e-006	+2.32e-006
793	+1.56e-004	-5.28e-004	-2.63e-004	+2.51e-004	-3.40e-006	-1.41e-006
794	+1.46e-004	-5.29e-004	-2.64e-004	+2.50e-004	+5.60e-008	+2.59e-006
795	+1.74e-004	-5.36e-004	-2.55e-004	+2.67e-004	-1.48e-005	-1.65e-005
796	+1.66e-004	-5.30e-004	-2.61e-004	+2.58e-004	-8.35e-006	-7.09e-006
797	+1.31e-004	-1.43e-004	-2.30e-004	+3.28e-004	+4.38e-006	+5.27e-006
798	+1.33e-004	-2.85e-004	-2.46e-004	+2.71e-004	+3.14e-006	+7.84e-006
799	+1.98e-004	-5.61e-004	-2.48e-004	+2.93e-004	-6.16e-005	-7.85e-006
800	+2.05e-004	-5.66e-004	-2.58e-004	+3.02e-004	-6.25e-005	-9.99e-006
801	+2.11e-004	-5.71e-004	-2.63e-004	+3.05e-004	-7.00e-005	+1.13e-006
802	+2.59e-004	-5.20e-004	-3.07e-004	+2.28e-004	-1.24e-004	+1.84e-004
803	+3.42e-004	-4.11e-004	-3.39e-004	+1.88e-004	-8.68e-005	+3.84e-004
804	+4.95e-004	-1.98e-004	-3.61e-004	+1.20e-004	-5.88e-005	+7.00e-004
805	+1.31e-003	+3.68e-004	-3.71e-004	-3.30e-005	+6.00e-005	+1.52e-003
806	+2.00e-003	+6.12e-004	-3.65e-004	-6.64e-005	+1.61e-004	+1.80e-003
807	+2.79e-003	+8.90e-004	-3.60e-004	-1.02e-004	+2.68e-004	+1.97e-003
808	+6.64e-003	+1.19e-003	-2.64e-005	-6.46e-004	+8.39e-004	+1.69e-003
809	+4.60e-003	+1.24e-003	-2.81e-004	-1.77e-004	+4.88e-004	+2.01e-003
810	+5.57e-003	+1.30e-003	-2.03e-004	-1.93e-004	+5.88e-004	+1.93e-003
811	+7.03e-003	+1.29e-003	-3.61e-005	-8.31e-005	+7.56e-004	+1.77e-003
812	+6.49e-003	+1.34e-003	-1.21e-004	-2.05e-004	+6.63e-004	+1.85e-003
813	-4.92e-008	+2.36e-006	-5.27e-006	-5.25e-004	-1.09e-006	-8.48e-009
814	-1.02e-006	+2.27e-004	-4.32e-005	-4.60e-004	-1.06e-006	-3.11e-008
815	-1.95e-006	+3.99e-004	-7.79e-005	-3.00e-004	-1.00e-006	-1.72e-007
816	-2.82e-006	+4.88e-004	-1.09e-004	-9.26e-005	-9.40e-007	-7.02e-007
817	-2.67e-005	+4.81e-004	-1.38e-004	+1.15e-004	-6.23e-006	+8.68e-007
818	-3.18e-005	+3.89e-004	-1.63e-004	+2.85e-004	-5.57e-006	+7.55e-007
819	-3.62e-006	+4.81e-004	-1.37e-004	+1.18e-004	-8.66e-007	-2.39e-006
820	-4.33e-006	+3.88e-004	-1.62e-004	+2.92e-004	-7.84e-007	-7.23e-006
821	-4.95e-006	+2.31e-004	-1.84e-004	+3.96e-004	-6.96e-007	-1.94e-005
822	-5.55e-006	+2.53e-005	-2.03e-004	+3.92e-004	-5.76e-007	-3.53e-005
823	-6.00e-006	-1.60e-004	-2.19e-004	+3.38e-004	-5.40e-007	-2.67e-005
824	+6.54e-007	+2.36e-006	-5.17e-006	-5.22e-004	+1.44e-005	+9.65e-009
825	+1.34e-005	+2.26e-004	-4.26e-005	-4.57e-004	+1.38e-005	-9.22e-007
826	+2.55e-005	+3.97e-004	-7.74e-005	-2.98e-004	+1.28e-005	-1.56e-006
827	+3.65e-005	+4.85e-004	-1.09e-004	-9.16e-005	+1.16e-005	-1.50e-006
828	+1.83e-005	+4.80e-004	-1.38e-004	+1.20e-004	+4.31e-006	-4.96e-007
829	+2.19e-005	+3.85e-004	-1.62e-004	+2.98e-004	+3.87e-006	-4.31e-007
830	+4.63e-005	+4.78e-004	-1.38e-004	+1.17e-004	+1.04e-005	+1.20e-007
831	+5.48e-005	+3.85e-004	-1.64e-004	+2.90e-004	+9.09e-006	+5.28e-006
832	+6.18e-005	+2.30e-004	-1.86e-004	+3.93e-004	+7.77e-006	+1.82e-005
833	+6.82e-005	+2.53e-005	-2.07e-004	+3.88e-004	+6.23e-006	+3.52e-005
834	+7.28e-005	-1.58e-004	-2.23e-004	+3.33e-004	+5.59e-006	+2.81e-005
835	+2.88e-006	+2.13e-006	-4.19e-006	-4.31e-004	+4.49e-005	-1.08e-006
836	+6.09e-005	+1.86e-004	-3.46e-005	-3.75e-004	+5.05e-005	-2.52e-005
837	+1.14e-004	+3.26e-004	-6.65e-005	-2.41e-004	+4.16e-005	-4.52e-005
838	+1.57e-004	+3.96e-004	-9.68e-005	-7.31e-005	+2.60e-005	-5.66e-005
839	+9.33e-005	+4.65e-004	-1.38e-004	+1.11e-004	+1.75e-005	-1.30e-005
840	+1.08e-004	+3.77e-004	-1.65e-004	+2.75e-004	+1.37e-005	-1.02e-005
841	+1.88e-004	+3.91e-004	-1.25e-004	+9.47e-005	+1.05e-005	-5.75e-005
842	+2.07e-004	+3.16e-004	-1.51e-004	+2.33e-004	-2.64e-006	-4.99e-005
843	+2.16e-004	+1.90e-004	-1.74e-004	+3.20e-004	-1.32e-005	-4.07e-005
844	+2.18e-004	+2.10e-005	-1.97e-004	+3.29e-004	-1.85e-005	-3.29e-005
845	+2.12e-004	-1.39e-004	-2.15e-004	+3.00e-004	-1.95e-005	-1.62e-005
846	-8.60e-007	+2.36e-006	-5.10e-006	-5.20e-004	-1.89e-005	+4.24e-009
847	-1.76e-005	+2.25e-004	-4.23e-005	-4.55e-004	-1.79e-005	+1.90e-006
848	-3.32e-005	+3.95e-004	-7.70e-005	-2.96e-004	-1.63e-005	+3.53e-006
849	-4.72e-005	+4.82e-004	-1.09e-004	-9.10e-005	-1.46e-005	+4.87e-006
850	-1.19e-004	+4.49e-004	-1.35e-004	+1.12e-004	-1.97e-005	+2.50e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl_Z	Rotaz.X	Rotaz.Y	Rotaz.Z
851	-1.35e-004	+3.60e-004	-1.63e-004	+2.78e-004	-1.37e-005	+2.01e-005
852	-5.95e-005	+4.76e-004	-1.38e-004	+1.17e-004	-1.27e-005	+6.56e-006
853	-6.98e-005	+3.83e-004	-1.64e-004	+2.89e-004	-1.08e-005	+1.06e-005
854	-7.81e-005	+2.28e-004	-1.87e-004	+3.91e-004	-8.92e-006	+2.14e-005
855	-8.53e-005	+2.52e-005	-2.09e-004	+3.86e-004	-6.91e-006	+3.53e-005
856	-9.02e-005	-1.56e-004	-2.26e-004	+3.30e-004	-5.93e-006	+2.41e-005
857	-9.43e-005	-2.98e-004	-2.42e-004	+2.69e-004	-5.46e-006	+6.24e-006
858	-1.53e-004	-4.10e-004	-2.57e-004	+2.52e-004	+3.38e-006	-1.60e-006
859	-1.51e-004	-5.33e-004	-2.63e-004	+2.53e-004	+3.33e-006	+2.86e-006
860	-9.73e-005	-4.24e-004	-2.52e-004	+2.54e-004	-4.40e-006	-2.62e-006
861	-9.94e-005	-5.46e-004	-2.57e-004	+2.53e-004	-4.09e-006	-6.24e-006
862	-6.44e-006	-3.06e-004	-2.33e-004	+2.78e-004	-5.29e-007	-1.11e-005
863	-4.84e-005	-4.32e-004	-2.45e-004	+2.63e-004	-2.68e-006	-2.05e-006
864	-4.98e-005	-5.58e-004	-2.50e-004	+2.60e-004	-2.34e-006	-2.82e-006
865	-6.76e-006	-4.36e-004	-2.43e-004	+2.62e-004	-3.87e-007	-4.08e-006
866	-6.97e-006	-5.62e-004	-2.47e-004	+2.60e-004	-3.30e-007	-1.99e-006
867	+7.70e-005	-3.01e-004	-2.39e-004	+2.72e-004	+5.33e-006	+1.41e-005
868	+3.38e-005	-4.36e-004	-2.44e-004	+2.58e-004	+1.83e-006	+1.26e-006
869	+3.47e-005	-5.61e-004	-2.49e-004	+2.58e-004	+1.55e-006	+1.75e-006
870	+8.00e-005	-4.28e-004	-2.49e-004	+2.57e-004	+4.16e-006	+8.57e-006
871	+8.21e-005	-5.52e-004	-2.54e-004	+2.55e-004	+3.76e-006	+7.91e-006
872	+2.04e-004	-2.77e-004	-2.31e-004	+2.78e-004	-1.98e-005	-7.45e-006
873	+1.35e-004	-4.10e-004	-2.57e-004	+2.53e-004	+2.30e-006	+8.19e-006
874	+1.36e-004	-5.31e-004	-2.63e-004	+2.50e-004	+2.25e-006	+7.88e-006
875	+1.94e-004	-4.11e-004	-2.42e-004	+2.77e-004	-2.21e-005	-1.25e-005
876	+1.83e-004	-5.45e-004	-2.47e-004	+2.78e-004	-2.28e-005	-2.28e-005

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-7.45e-003	+1.41e-003	-3.87e-004	+2.64e-002	+3.06e-003	-2.05e-003	+7.58e-003
Nodo	33	33	34	7	78	38	33

COMBINAZIONE DI CARICO: 3 - DESCRIZIONE: RARA

Nodo	Trasl.X	Trasl.Y	Trasl_Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-2.07e-006	+1.34e-006	-3.80e-006	-3.16e-004	-1.19e-004	+1.37e-006
2	-5.66e-007	+1.81e-006	-3.96e-006	-4.01e-004	-1.25e-005	-1.99e-009
3	+6.83e-009	+1.81e-006	-4.05e-006	-4.04e-004	+1.51e-007	-1.47e-011
4	+5.88e-007	+1.81e-006	-3.95e-006	-4.01e-004	+1.29e-005	+1.95e-009
5	+2.18e-006	+1.30e-006	-3.71e-006	-3.10e-004	+1.23e-004	-1.41e-006
6	-5.44e-006	+1.65e-006	+2.98e-006	-1.68e-004	-1.84e-003	-5.45e-006
7	+3.44e-003	+5.51e-004	+4.67e-005	+2.03e-002	+2.17e-003	+9.09e-004
8	+3.00e-003	+5.34e-004	-2.91e-005	+2.29e-003	+1.11e-003	+8.85e-004
9	-7.87e-007	+3.21e-006	-1.03e-005	-2.75e-004	-9.51e-004	-2.37e-006
10	+8.38e-007	+2.75e-006	-9.60e-006	-2.55e-004	+9.47e-004	+2.19e-006
11	+2.57e-003	+5.21e-004	-9.68e-005	-8.58e-004	+8.02e-004	+8.88e-004
12	+2.14e-003	+5.12e-004	-1.61e-004	-9.95e-006	+6.91e-004	+8.95e-004
13	-1.91e-006	+4.61e-007	-4.10e-006	-2.21e-004	-1.72e-004	+5.10e-007
14	-1.71e-004	-1.11e-004	-1.55e-004	+2.25e-004	+2.44e-005	-7.97e-006
15	-6.13e-005	-1.16e-004	-1.73e-004	+2.61e-004	-4.42e-006	-1.39e-006
16	+8.23e-007	-1.29e-004	-1.68e-004	+2.53e-004	+6.08e-008	+8.27e-009
17	+6.38e-005	-1.15e-004	-1.73e-004	+2.61e-004	+4.59e-006	+1.51e-006
18	+1.77e-004	-1.09e-004	-1.55e-004	+2.22e-004	-2.47e-005	+8.45e-006
19	+4.76e-003	+8.35e-004	-6.91e-006	+1.07e-003	+8.26e-004	+1.20e-003
20	-5.18e-004	+8.68e-005	-2.67e-004	-1.31e-004	+5.52e-005	-6.58e-004
21	+5.26e-004	+8.37e-005	-2.56e-004	-1.26e-004	-5.44e-005	+6.47e-004
22	+2.48e-004	-1.13e-004	-1.74e-004	+2.21e-004	-2.17e-005	-2.27e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
23	-2.40e-004	-1.15e-004	-1.78e-004	+2.25e-004	+2.13e-005	+2.36e-005
24	+2.33e-003	+7.18e-004	-2.61e-004	-1.42e-004	+3.67e-004	+1.29e-003
25	-1.80e-004	+1.36e-004	-1.24e-004	+2.42e-004	-1.30e-005	+1.65e-005
26	-5.25e-005	+1.80e-004	-1.44e-004	+2.93e-004	-6.34e-006	+1.21e-006
27	-1.42e-004	-4.32e-004	-1.80e-004	+2.26e-004	+2.41e-005	+1.26e-005
28	-6.84e-005	-4.22e-004	-1.97e-004	+1.96e-004	-3.04e-006	-5.26e-006
29	+9.41e-007	-4.32e-004	-1.90e-004	+2.00e-004	+2.36e-008	+4.29e-008
30	+7.12e-005	-4.21e-004	-1.97e-004	+1.96e-004	+3.14e-006	+5.79e-006
31	+1.47e-004	-4.27e-004	-1.80e-004	+2.24e-004	-2.51e-005	-1.16e-005
32	+5.67e-003	+1.07e-003	-3.01e-005	-2.05e-004	+5.41e-004	+1.39e-003
33	-5.73e-003	+1.09e-003	-4.78e-005	-1.55e-004	-5.52e-004	-1.40e-003
34	-5.82e-004	+1.36e-004	-2.98e-004	+3.49e-005	+6.69e-006	-8.86e-004
35	+5.81e-004	+1.30e-004	-2.87e-004	+3.66e-005	-1.29e-005	+8.73e-004
36	+1.70e-004	-4.34e-004	-2.03e-004	+2.30e-004	-5.90e-005	+4.54e-005
37	-1.65e-004	-4.39e-004	-2.07e-004	+2.32e-004	+5.64e-005	-4.64e-005
38	-2.81e-003	+9.29e-004	-2.85e-004	-1.25e-004	-2.92e-004	-1.58e-003
39	+2.78e-003	+9.13e-004	-2.71e-004	-1.25e-004	+2.84e-004	+1.56e-003
40	+6.81e-007	+1.73e-004	-1.41e-004	+3.14e-004	+8.59e-008	-6.65e-009
41	+5.46e-005	+1.80e-004	-1.44e-004	+2.93e-004	+6.59e-006	-1.31e-006
42	+1.86e-004	+1.34e-004	-1.23e-004	+2.38e-004	+1.34e-005	-1.76e-005
43	+3.90e-003	+6.46e-004	+2.80e-005	+1.41e-002	+1.70e-003	+1.02e-003
44	-4.89e-004	+1.41e-004	-2.18e-004	+2.06e-004	-8.10e-005	-4.98e-004
45	+4.98e-004	+1.31e-004	-2.07e-004	+1.90e-004	+7.87e-005	+4.88e-004
46	+2.68e-004	+7.28e-005	-1.35e-004	+1.39e-004	-7.60e-006	-5.36e-005
47	-2.59e-004	+7.73e-005	-1.40e-004	+1.48e-004	+7.09e-006	+5.36e-005
48	+1.92e-003	+5.76e-004	-2.42e-004	-1.41e-004	+4.54e-004	+1.02e-003
49	-1.93e-003	+5.99e-004	-2.57e-004	-1.36e-004	-4.59e-004	-1.03e-003
50	-2.35e-003	+7.36e-004	-2.76e-004	-1.39e-004	-3.73e-004	-1.31e-003
51	-3.93e-003	+6.71e-004	+1.21e-005	-1.99e-004	-9.79e-004	-1.03e-003
52	-4.80e-003	+8.56e-004	-2.45e-005	-1.70e-004	-7.73e-004	-1.21e-003
53	-4.83e-007	+1.81e-006	-3.98e-006	-4.02e-004	-1.06e-005	-7.47e-009
54	-9.91e-006	+1.74e-004	-3.28e-005	-3.52e-004	-1.02e-005	+6.54e-007
55	-1.16e-005	+1.73e-004	-3.27e-005	-3.51e-004	-1.19e-005	+9.89e-007
56	-4.56e-005	+1.77e-004	-1.43e-004	+3.02e-004	-5.73e-006	-1.41e-005
57	-5.03e-005	+1.94e-005	-1.59e-004	+2.99e-004	-4.61e-006	-2.71e-005
58	-5.77e-005	+2.63e-005	-1.60e-004	+2.96e-004	-5.02e-006	+5.97e-008
59	+5.16e-008	+1.81e-006	-4.05e-006	-4.04e-004	+1.14e-006	+6.49e-009
60	+1.06e-006	+1.75e-004	-3.32e-005	-3.54e-004	+1.10e-006	+1.46e-008
61	+1.40e-007	+1.75e-004	-3.32e-005	-3.54e-004	+1.44e-007	+4.51e-009
62	+5.18e-006	+1.78e-004	-1.41e-004	+3.04e-004	+7.09e-007	+1.49e-005
63	+5.80e-006	+1.94e-005	-1.57e-004	+3.02e-004	+5.76e-007	+2.72e-005
64	+7.62e-007	+8.52e-006	-1.56e-004	+3.03e-004	+6.64e-008	-1.63e-010
65	+6.86e-007	+1.81e-006	-3.92e-006	-3.99e-004	+1.51e-005	-3.29e-009
66	+1.40e-005	+1.73e-004	-3.24e-005	-3.50e-004	+1.43e-005	-1.56e-006
67	+1.20e-005	+1.73e-004	-3.26e-005	-3.51e-004	+1.23e-005	-1.06e-006
68	+6.24e-005	+1.75e-004	-1.44e-004	+3.00e-004	+7.12e-006	-1.66e-005
69	+6.81e-005	+1.94e-005	-1.61e-004	+2.96e-004	+5.52e-006	-2.71e-005
70	+6.00e-005	+2.63e-005	-1.60e-004	+2.96e-004	+5.21e-006	-6.31e-008
71	+2.17e-006	+2.61e-007	-3.72e-006	-2.09e-004	+1.80e-004	-6.74e-007
72	+2.40e-007	+4.41e-007	-7.83e-006	-1.96e-004	+3.34e-004	+7.41e-007
73	+5.62e-005	+1.34e-004	-3.25e-005	-2.70e-004	+1.12e-004	-2.08e-005
74	+2.05e-004	+1.25e-004	-1.31e-004	+2.05e-004	-3.19e-005	-3.73e-006
75	+2.02e-004	+9.93e-006	-1.50e-004	+2.23e-004	-3.98e-005	+2.57e-005
76	+1.87e-004	+5.85e-006	-1.40e-004	+2.43e-004	-7.80e-006	-2.20e-006
77	-1.85e-008	+8.36e-007	-8.46e-006	-2.14e-004	-3.29e-004	-1.03e-006
78	+5.41e-006	+1.50e-006	+2.94e-006	+1.01e-002	+2.35e-003	+5.40e-006
79	+2.90e-003	+4.47e-004	+6.29e-005	-5.44e-003	+1.03e-003	+7.71e-004
80	+2.85e-004	+3.30e-005	-1.53e-004	+1.17e-004	-4.29e-005	-3.96e-005
81	+2.80e-004	-4.70e-005	-1.81e-004	+1.38e-004	-6.12e-005	-3.66e-005
82	+2.55e-004	-5.06e-006	-1.57e-004	+1.84e-004	-2.00e-005	-3.64e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
83	+7.64e-004	+1.98e-004	-2.30e-004	+2.23e-006	+9.58e-005	+7.41e-004
84	+8.23e-004	+1.70e-004	-2.42e-004	-1.77e-005	+9.02e-005	+8.48e-004
85	+5.51e-004	+2.30e-005	-2.33e-004	+5.32e-005	+2.86e-005	+4.97e-004
86	+2.42e-003	+5.91e-004	-1.79e-004	-1.02e-004	+5.97e-004	+1.03e-003
87	+2.70e-003	+6.73e-004	-1.93e-004	-1.73e-004	+5.22e-004	+1.16e-003
88	+2.13e-003	+6.49e-004	-2.55e-004	-1.40e-004	+3.99e-004	+1.16e-003
89	+2.53e-003	+4.33e-004	-1.44e-005	-8.28e-004	+1.10e-003	+7.43e-004
90	+2.17e-003	+4.24e-004	-7.84e-005	-3.90e-005	+9.73e-004	+7.41e-004
91	+1.81e-003	+4.22e-004	-1.39e-004	-2.27e-004	+7.89e-004	+7.42e-004
92	+2.28e-003	+3.33e-004	+7.22e-005	-3.37e-005	+1.49e-003	+6.09e-004
93	+1.99e-003	+3.22e-004	-2.89e-006	-9.42e-005	+1.30e-003	+5.80e-004
94	+1.71e-003	+3.17e-004	-5.86e-005	-2.41e-004	+1.10e-003	+5.75e-004
95	-2.13e-006	+1.65e-006	-3.29e-006	-3.36e-004	-3.33e-005	+7.66e-007
96	-4.53e-005	+1.45e-004	-2.70e-005	-2.92e-004	-3.81e-005	+1.83e-005
97	-5.43e-005	+1.36e-004	-3.32e-005	-2.75e-004	-1.09e-004	+1.95e-005
98	-1.61e-004	+1.48e-004	-1.34e-004	+2.50e-004	+1.00e-005	+3.03e-005
99	-1.62e-004	+1.62e-005	-1.52e-004	+2.57e-004	+1.40e-005	+2.54e-005
100	-1.82e-004	+5.96e-006	-1.41e-004	+2.48e-004	+7.72e-006	+2.01e-006
101	-2.38e-004	+1.03e-004	-1.41e-004	+1.60e-004	+2.35e-005	+3.88e-005
102	-2.33e-004	+9.01e-006	-1.61e-004	+2.00e-004	+3.71e-005	+1.23e-005
103	-2.47e-004	-4.86e-006	-1.61e-004	+1.91e-004	+1.94e-005	+3.74e-005
104	+1.43e-003	+3.22e-004	-1.11e-004	-1.84e-004	+9.12e-004	+5.74e-004
105	+1.58e-003	+2.16e-004	+7.00e-005	+3.91e-003	+1.86e-003	+4.25e-004
106	+1.38e-003	+2.06e-004	+3.11e-006	+2.09e-004	+1.46e-003	+4.00e-004
107	+1.19e-003	+2.04e-004	-3.83e-005	-3.13e-004	+1.23e-003	+3.93e-004
108	+9.95e-004	+2.13e-004	-7.73e-005	-1.65e-004	+1.03e-003	+3.91e-004
109	+8.13e-004	+1.02e-004	+5.04e-005	-1.72e-002	+9.02e-004	+2.22e-004
110	-3.74e-004	+2.28e-005	-1.94e-004	+1.42e-004	+4.88e-005	-1.85e-004
111	-3.77e-004	-5.92e-005	-2.30e-004	+9.27e-005	+3.36e-005	-1.88e-004
112	-5.44e-004	+2.42e-005	-2.44e-004	+6.02e-005	-3.02e-005	-5.02e-004
113	+1.76e-006	+1.91e-006	+1.08e-006	-2.83e-003	+1.47e-003	+3.62e-006
114	+7.10e-004	+9.28e-005	+2.40e-006	-1.75e-003	+1.48e-003	+2.06e-004
115	+1.42e-006	+2.50e-006	-2.08e-006	+5.74e-004	+1.42e-003	+9.43e-008
116	-1.51e-003	+4.58e-004	-2.52e-004	-1.04e-004	-3.27e-004	-9.95e-004
117	-1.67e-003	+4.98e-004	-2.66e-004	-9.56e-005	-2.94e-004	-1.14e-003
118	-2.15e-003	+6.69e-004	-2.70e-004	-1.36e-004	-4.04e-004	-1.18e-003
119	+6.12e-004	+9.46e-005	-1.89e-005	+2.52e-004	+1.36e-003	+2.00e-004
120	+1.29e-006	+2.79e-006	-5.09e-006	-2.91e-004	+1.16e-003	+1.52e-006
121	+5.14e-004	+9.95e-005	-3.88e-005	-2.72e-004	+1.12e-003	+1.98e-004
122	-3.44e-003	+6.51e-004	-5.97e-005	-1.90e-004	-8.62e-004	-1.02e-003
123	-3.85e-003	+7.44e-004	-7.64e-005	-1.75e-004	-7.52e-004	-1.13e-003
124	-4.40e-003	+7.68e-004	-8.99e-006	-1.81e-004	-8.44e-004	-1.13e-003
125	-4.21e-003	+8.29e-004	-8.89e-005	-1.66e-004	-6.91e-004	-1.22e-003
126	-4.52e-003	+9.05e-004	-1.01e-004	-1.56e-004	-5.92e-004	-1.31e-003
127	-5.16e-003	+9.35e-004	-3.81e-005	-1.61e-004	-6.72e-004	-1.31e-003
128	-1.81e-003	+5.45e-004	-2.74e-004	-9.89e-005	-2.73e-004	-1.27e-003
129	-1.94e-003	+5.99e-004	-2.81e-004	-9.89e-005	-2.57e-004	-1.37e-003
130	-2.51e-003	+8.06e-004	-2.81e-004	-1.52e-004	-3.25e-004	-1.41e-003
131	-3.76e-004	-9.13e-005	-2.61e-004	+4.13e-005	+5.51e-006	-2.83e-004
132	-3.74e-004	-9.86e-005	-2.73e-004	+1.14e-005	-1.08e-006	-3.87e-004
133	-5.39e-004	+1.19e-004	-2.85e-004	-5.54e-005	-7.06e-005	-7.34e-004
134	-2.21e-004	-1.02e-004	-1.76e-004	+2.23e-004	+4.56e-005	+7.13e-006
135	-2.04e-004	-2.17e-004	-1.92e-004	+2.39e-004	+5.07e-005	+8.63e-006
136	-2.18e-004	-2.23e-004	-1.93e-004	+2.28e-004	+5.28e-005	+5.66e-007
137	-1.58e-004	-1.08e-004	-1.65e-004	+2.34e-004	+1.46e-005	+1.30e-005
138	-1.52e-004	-2.16e-004	-1.77e-004	+2.16e-004	+1.48e-005	+6.51e-006
139	-1.64e-004	-2.17e-004	-1.68e-004	+2.17e-004	+2.35e-005	-5.51e-006
140	-5.37e-005	-1.21e-004	-1.72e-004	+2.57e-004	-4.13e-006	-2.15e-005
141	-5.68e-005	-2.32e-004	-1.84e-004	+2.10e-004	-3.94e-006	-1.06e-005
142	-6.45e-005	-2.29e-004	-1.85e-004	+2.14e-004	-4.16e-006	-2.83e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
143	+6.27e-006	-1.23e-004	-1.68e-004	+2.60e-004	+5.38e-007	+2.05e-005
144	+6.73e-006	-2.35e-004	-1.79e-004	+2.14e-004	+5.25e-007	+8.60e-006
145	+8.82e-007	-2.38e-004	-1.79e-004	+2.08e-004	+5.86e-008	+1.81e-008
146	+7.21e-005	-1.20e-004	-1.74e-004	+2.53e-004	+4.73e-006	-1.84e-005
147	+7.53e-005	-2.29e-004	-1.86e-004	+2.07e-004	+4.35e-006	-4.47e-006
148	+6.71e-005	-2.28e-004	-1.85e-004	+2.14e-004	+4.32e-006	+3.08e-006
149	+1.93e-004	-1.04e-004	-1.64e-004	+2.16e-004	-4.02e-005	+2.98e-005
150	+1.82e-004	-2.12e-004	-1.77e-004	+2.20e-004	-4.19e-005	+1.75e-005
151	+1.69e-004	-2.14e-004	-1.67e-004	+2.15e-004	-2.43e-005	+6.37e-006
152	+2.66e-004	-1.34e-004	-2.04e-004	+1.52e-004	-7.34e-005	-4.26e-006
153	+2.49e-004	-2.22e-004	-2.21e-004	+1.59e-004	-8.00e-005	+4.81e-005
154	+2.25e-004	-2.19e-004	-1.89e-004	+2.25e-004	-5.47e-005	-1.06e-008
155	+8.66e-004	+1.91e-004	-2.46e-004	-3.81e-005	+8.24e-005	+9.60e-004
156	+9.14e-004	+2.35e-004	-2.67e-004	-6.05e-005	+1.27e-004	+1.03e-003
157	+5.45e-004	+1.15e-004	-2.74e-004	-5.33e-005	+6.37e-005	+7.23e-004
158	+2.96e-003	+7.51e-004	-2.02e-004	-1.44e-004	+4.83e-004	+1.28e-003
159	+3.17e-003	+8.22e-004	-2.09e-004	-1.41e-004	+4.12e-004	+1.38e-003
160	+2.49e-003	+7.89e-004	-2.66e-004	-1.54e-004	+3.18e-004	+1.39e-003
161	-2.29e-007	+1.81e-006	-4.04e-006	-4.04e-004	-5.07e-006	-6.35e-009
162	-1.78e-007	+1.81e-006	-4.04e-006	-4.04e-004	-3.94e-006	+2.14e-010
163	-3.67e-006	+1.74e-004	-3.32e-005	-3.54e-004	-3.81e-006	+1.37e-007
164	-4.72e-006	+1.74e-004	-3.32e-005	-3.54e-004	-4.90e-006	+1.44e-007
165	-3.14e-005	+3.72e-004	-8.40e-005	-7.09e-005	-9.85e-006	+2.24e-006
166	-2.69e-005	+3.73e-004	-8.41e-005	-7.05e-005	-8.59e-006	+1.02e-006
167	-3.42e-005	+3.68e-004	-1.06e-004	+9.02e-005	-7.67e-006	-2.28e-007
168	-3.97e-005	+3.68e-004	-1.06e-004	+8.83e-005	-8.70e-006	+2.28e-006
169	-1.30e-005	+3.75e-004	-8.41e-005	-7.11e-005	-4.29e-006	-1.42e-007
170	-1.01e-005	+3.75e-004	-8.41e-005	-7.05e-005	-3.35e-006	+3.25e-007
171	-1.30e-005	+3.69e-004	-1.06e-004	+9.22e-005	-3.07e-006	+3.44e-007
172	-1.67e-005	+3.70e-004	-1.06e-004	+9.04e-005	-3.92e-006	-1.42e-006
173	-4.09e-007	+1.81e-006	-4.00e-006	-4.02e-004	-9.03e-006	-2.30e-010
174	-3.43e-007	+1.81e-006	-4.02e-006	-4.03e-004	-7.59e-006	+6.68e-009
175	-7.07e-006	+1.74e-004	-3.30e-005	-3.53e-004	-7.31e-006	+4.16e-007
176	-8.41e-006	+1.74e-004	-3.30e-005	-3.53e-004	-8.68e-006	+5.06e-007
177	-1.88e-005	+3.05e-004	-5.96e-005	-2.29e-004	-9.43e-006	+1.10e-006
178	-2.19e-005	+3.05e-004	-5.94e-005	-2.29e-004	-1.09e-005	+1.79e-006
179	-1.35e-005	+3.06e-004	-5.98e-005	-2.30e-004	-6.84e-006	+8.51e-007
180	-1.60e-005	+3.06e-004	-5.97e-005	-2.29e-004	-8.08e-006	+9.24e-007
181	-2.27e-005	+1.78e-004	-1.42e-004	+3.04e-004	-3.09e-006	-1.47e-005
182	-1.77e-005	+1.73e-004	-1.41e-004	+3.14e-004	-2.44e-006	+1.90e-007
183	-1.98e-005	+8.53e-006	-1.57e-004	+3.03e-004	-2.00e-006	-7.12e-009
184	-2.53e-005	+1.94e-005	-1.57e-004	+3.01e-004	-2.53e-006	-2.72e-005
185	-2.14e-005	-1.29e-004	-1.69e-004	+2.53e-004	-1.86e-006	-2.59e-007
186	-2.73e-005	-1.23e-004	-1.69e-004	+2.59e-004	-2.35e-006	-2.08e-005
187	-3.93e-005	+1.73e-004	-1.43e-004	+3.12e-004	-5.09e-006	+6.97e-007
188	-3.34e-005	+1.77e-004	-1.42e-004	+3.03e-004	-4.42e-006	+1.55e-005
189	-3.70e-005	+1.94e-005	-1.58e-004	+3.00e-004	-3.61e-006	+2.72e-005
190	-4.35e-005	+8.53e-006	-1.59e-004	+3.01e-004	-4.13e-006	+3.83e-008
191	+2.45e-007	+1.81e-006	-4.03e-006	-4.03e-004	+5.41e-006	+6.30e-009
192	+3.00e-007	+1.81e-006	-4.02e-006	-4.03e-004	+6.64e-006	-2.67e-010
193	+6.19e-006	+1.74e-004	-3.31e-005	-3.53e-004	+6.40e-006	-2.91e-007
194	+5.04e-006	+1.74e-004	-3.31e-005	-3.53e-004	+5.23e-006	-1.62e-007
195	+3.88e-007	+3.75e-004	-8.41e-005	-7.06e-005	+1.24e-007	-1.08e-008
196	+2.95e-006	+3.75e-004	-8.41e-005	-7.12e-005	+9.73e-007	+5.17e-007
197	+3.78e-006	+3.70e-004	-1.06e-004	+9.04e-005	+8.92e-007	+1.82e-006
198	+4.97e-007	+3.70e-004	-1.06e-004	+9.22e-005	+1.12e-007	-1.15e-008
199	+1.39e-005	+3.75e-004	-8.41e-005	-7.10e-005	+4.57e-006	+9.70e-008
200	+1.70e-005	+3.75e-004	-8.41e-005	-7.16e-005	+5.57e-006	-6.90e-007
201	+2.17e-005	+3.70e-004	-1.06e-004	+8.86e-005	+5.06e-006	-7.28e-007
202	+1.78e-005	+3.70e-004	-1.06e-004	+9.04e-005	+4.17e-006	+1.38e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
203	+9.70e-008	+1.81e-006	-4.05e-006	-4.04e-004	+2.15e-006	-1.55e-010
204	+1.44e-007	+1.81e-006	-4.05e-006	-4.04e-004	+3.18e-006	-6.79e-009
205	+2.97e-006	+1.74e-004	-3.32e-005	-3.54e-004	+3.08e-006	-1.54e-007
206	+2.00e-006	+1.75e-004	-3.32e-005	-3.54e-004	+2.08e-006	-6.68e-008
207	+2.04e-006	+3.07e-004	-5.99e-005	-2.30e-004	+1.04e-006	+1.15e-007
208	+2.68e-007	+3.07e-004	-6.00e-005	-2.30e-004	+1.35e-007	-8.33e-009
209	+5.67e-006	+3.07e-004	-5.99e-005	-2.30e-004	+2.91e-006	-3.71e-007
210	+3.83e-006	+3.07e-004	-5.99e-005	-2.31e-004	+1.96e-006	-1.23e-007
211	+2.42e-005	+1.78e-004	-1.42e-004	+3.04e-004	+3.29e-006	+1.47e-005
212	+2.95e-005	+1.82e-004	-1.42e-004	+2.95e-004	+3.96e-006	-4.08e-007
213	+3.28e-005	+2.64e-005	-1.58e-004	+2.99e-004	+3.23e-006	-4.20e-009
214	+2.70e-005	+1.94e-005	-1.57e-004	+3.01e-004	+2.69e-006	+2.72e-005
215	+3.53e-005	-1.17e-004	-1.70e-004	+2.64e-004	+2.98e-006	+5.11e-007
216	+2.91e-005	-1.23e-004	-1.69e-004	+2.59e-004	+2.49e-006	+2.09e-005
217	+9.73e-006	+1.82e-004	-1.41e-004	+2.96e-004	+1.34e-006	-9.86e-008
218	+1.44e-005	+1.78e-004	-1.41e-004	+3.04e-004	+1.97e-006	-1.51e-005
219	+1.61e-005	+1.94e-005	-1.57e-004	+3.02e-004	+1.61e-006	-2.72e-005
220	+1.09e-005	+2.63e-005	-1.57e-004	+3.00e-004	+1.09e-006	-3.40e-009
221	+1.27e-006	+1.81e-006	-3.64e-006	-3.85e-004	+2.75e-005	-3.79e-008
222	+1.48e-006	+1.80e-006	-3.51e-006	-3.76e-004	+3.24e-005	-7.66e-008
223	+2.97e-005	+1.63e-004	-2.98e-005	-3.29e-004	+2.95e-005	-9.25e-006
224	+2.55e-005	+1.66e-004	-3.06e-005	-3.37e-004	+2.53e-005	-6.68e-006
225	+3.26e-005	+3.72e-004	-8.39e-005	-7.08e-005	+1.02e-005	-2.42e-006
226	+3.77e-005	+3.71e-004	-8.38e-005	-6.99e-005	+1.16e-005	-3.98e-006
227	+4.75e-005	+3.66e-004	-1.06e-004	+8.98e-005	+1.01e-005	-5.29e-006
228	+4.12e-005	+3.68e-004	-1.06e-004	+8.83e-005	+9.04e-006	-2.46e-006
229	+6.67e-005	+3.57e-004	-8.17e-005	-6.72e-005	+1.83e-005	-1.53e-005
230	+7.71e-005	+3.48e-004	-8.04e-005	-6.49e-005	+2.06e-005	-2.06e-005
231	+9.46e-005	+3.43e-004	-1.04e-004	+8.59e-005	+1.56e-005	-2.04e-005
232	+8.23e-005	+3.52e-004	-1.05e-004	+8.60e-005	+1.45e-005	-1.64e-005
233	+7.99e-007	+1.81e-006	-3.87e-006	-3.97e-004	+1.75e-005	+3.81e-009
234	+9.31e-007	+1.81e-006	-3.81e-006	-3.95e-004	+2.03e-005	+7.75e-009
235	+1.89e-005	+1.71e-004	-3.18e-005	-3.46e-004	+1.90e-005	-3.14e-006
236	+1.63e-005	+1.72e-004	-3.22e-005	-3.48e-004	+1.65e-005	-2.19e-006
237	+2.65e-005	+3.03e-004	-5.91e-005	-2.28e-004	+1.30e-005	-2.90e-006
238	+2.28e-005	+3.05e-004	-5.93e-005	-2.29e-004	+1.13e-005	-1.92e-006
239	+3.55e-005	+3.00e-004	-5.83e-005	-2.25e-004	+1.69e-005	-5.52e-006
240	+3.06e-005	+3.02e-004	-5.88e-005	-2.26e-004	+1.49e-005	-3.92e-006
241	+1.03e-004	+1.70e-004	-1.45e-004	+2.88e-004	+7.17e-006	-2.17e-005
242	+1.16e-004	+1.61e-004	-1.45e-004	+2.91e-004	+6.26e-006	-1.01e-005
243	+1.22e-004	+8.36e-006	-1.63e-004	+2.80e-004	+2.21e-006	-2.62e-006
244	+1.09e-004	+2.01e-005	-1.63e-004	+2.84e-004	+3.92e-006	-2.80e-005
245	+1.23e-004	-1.18e-004	-1.77e-004	+2.33e-004	-3.54e-007	+2.79e-006
246	+1.12e-004	-1.13e-004	-1.77e-004	+2.43e-004	+1.90e-006	-1.68e-005
247	+7.09e-005	+1.70e-004	-1.45e-004	+3.08e-004	+7.53e-006	-1.89e-006
248	+8.04e-005	+1.74e-004	-1.45e-004	+2.96e-004	+7.74e-006	+1.24e-005
249	+8.66e-005	+1.99e-005	-1.63e-004	+2.92e-004	+5.50e-006	+2.80e-005
250	+7.69e-005	+8.61e-006	-1.62e-004	+2.96e-004	+5.64e-006	+5.80e-007
251	+1.70e-003	+5.07e-004	-2.25e-004	-1.64e-004	+5.23e-004	+8.79e-004
252	+1.34e-003	+3.98e-004	-2.14e-004	-1.22e-004	+3.81e-004	+8.36e-004
253	+1.00e-003	+3.02e-004	-2.07e-004	-5.23e-005	+2.52e-004	+7.59e-004
254	+7.03e-004	+2.27e-004	-1.98e-004	-1.58e-005	+1.25e-004	+6.23e-004
255	+1.40e-004	+2.84e-004	-7.30e-005	-5.15e-005	+6.98e-005	-4.48e-005
256	+1.45e-003	+4.27e-004	-2.02e-004	-1.90e-004	+6.14e-004	+7.23e-004
257	+1.15e-003	+3.48e-004	-1.83e-004	-1.52e-004	+4.59e-004	+6.81e-004
258	+1.65e-004	+2.80e-004	-9.06e-005	+6.92e-005	+4.62e-005	-4.38e-005
259	+8.70e-004	+2.81e-004	-1.71e-004	-8.84e-005	+3.20e-004	+6.15e-004
260	+6.26e-004	+2.29e-004	-1.64e-004	-5.21e-005	+1.92e-004	+5.04e-004
261	+1.15e-003	+3.34e-004	-1.72e-004	-2.20e-004	+7.18e-004	+5.54e-004
262	+9.20e-004	+2.82e-004	-1.44e-004	-1.88e-004	+5.51e-004	+5.18e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
263	+7.05e-004	+2.39e-004	-1.29e-004	-1.29e-004	+4.05e-004	+4.67e-004
264	+1.03e-004	+2.34e-004	-5.42e-005	-1.73e-004	+9.30e-005	-3.65e-005
265	+5.17e-004	+2.07e-004	-1.26e-004	-9.07e-005	+2.74e-004	+3.83e-004
266	+2.25e-004	+1.16e-004	-1.35e-004	+1.80e-004	-1.60e-005	-1.68e-005
267	+2.45e-004	+9.93e-005	-1.37e-004	+1.53e-004	-2.24e-005	-3.93e-005
268	+2.40e-004	+8.49e-006	-1.58e-004	+1.94e-004	-3.62e-005	-1.15e-005
269	+2.21e-004	+1.36e-005	-1.55e-004	+2.10e-004	-3.01e-005	+1.20e-005
270	+2.28e-004	-1.00e-004	-1.73e-004	+2.19e-004	-4.51e-005	-6.07e-006
271	+2.10e-004	-9.79e-005	-1.70e-004	+2.19e-004	-3.68e-005	+1.77e-005
272	+8.07e-004	+2.29e-004	-1.35e-004	-2.43e-004	+8.24e-004	+3.75e-004
273	+6.48e-004	+2.01e-004	-9.95e-005	-2.20e-004	+6.47e-004	+3.49e-004
274	+5.02e-004	+1.76e-004	-8.48e-005	-1.68e-004	+4.94e-004	+3.14e-004
275	+3.74e-004	+1.58e-004	-8.58e-005	-1.33e-004	+3.58e-004	+2.59e-004
276	+4.18e-004	+1.16e-004	-8.50e-005	-2.52e-004	+9.10e-004	+1.89e-004
277	+8.61e-007	+3.43e-007	-5.88e-006	-2.73e-004	+7.52e-004	+1.50e-006
278	+3.36e-004	+1.09e-004	-4.99e-005	-2.52e-004	+7.22e-004	+1.76e-004
279	+5.56e-007	+3.34e-007	-4.65e-006	-2.17e-004	+5.96e-004	+1.43e-006
280	+2.63e-004	+9.53e-005	-4.30e-005	-2.02e-004	+5.66e-004	+1.58e-004
281	+1.96e-007	+3.55e-007	-5.04e-006	-1.72e-004	+4.60e-004	+1.73e-006
282	+1.99e-004	+8.46e-005	-4.28e-005	-1.63e-004	+4.28e-004	+1.31e-004
283	+4.77e-004	+1.80e-004	-1.84e-004	+7.71e-005	+5.42e-005	+4.08e-004
284	+3.69e-004	+8.52e-005	-1.62e-004	+9.20e-005	-1.59e-005	+1.69e-004
285	+3.11e-004	+6.87e-005	-1.42e-004	+1.07e-004	-4.67e-006	+3.21e-005
286	+2.79e-004	+9.26e-005	-1.28e-004	+8.63e-005	-1.91e-005	-3.00e-005
287	+3.18e-004	+3.74e-006	-1.71e-004	+1.36e-004	-2.93e-005	+2.49e-005
288	+3.84e-004	+1.62e-005	-1.84e-004	+1.33e-004	-4.55e-005	+1.82e-004
289	+3.87e-004	-6.04e-005	-2.20e-004	+8.71e-005	-3.21e-005	+1.86e-004
290	+3.14e-004	-7.38e-005	-2.02e-004	+1.27e-004	-3.81e-005	+2.99e-005
291	+3.85e-004	-9.06e-005	-2.51e-004	+4.05e-005	-6.73e-006	+2.79e-004
292	+3.05e-004	-1.40e-004	-2.28e-004	+1.12e-004	-4.51e-005	+8.28e-005
293	+1.11e-003	+3.10e-004	-2.32e-004	-3.59e-005	+2.09e-004	+8.96e-004
294	+1.50e-003	+4.39e-004	-2.37e-004	-1.06e-004	+3.25e-004	+9.80e-004
295	+1.66e-003	+4.82e-004	-2.52e-004	-9.67e-005	+2.90e-004	+1.12e-003
296	+1.21e-003	+3.22e-004	-2.48e-004	-4.99e-005	+1.87e-004	+1.03e-003
297	+1.80e-003	+5.31e-004	-2.61e-004	-9.90e-005	+2.69e-004	+1.25e-003
298	+1.30e-003	+3.51e-004	-2.56e-004	-7.25e-005	+1.69e-004	+1.15e-003
299	+2.92e-003	+6.07e-004	-1.13e-004	-4.39e-004	+7.15e-004	+1.02e-003
300	+3.41e-003	+6.26e-004	-4.46e-005	+7.87e-004	+9.03e-004	+1.01e-003
301	+3.81e-003	+7.21e-004	-6.07e-005	-4.44e-004	+7.29e-004	+1.12e-003
302	+3.26e-003	+6.97e-004	-1.28e-004	-9.78e-005	+6.42e-004	+1.14e-003
303	+4.17e-003	+8.08e-004	-7.28e-005	-8.32e-005	+6.86e-004	+1.21e-003
304	+3.58e-003	+7.80e-004	-1.39e-004	-1.84e-004	+5.87e-004	+1.25e-003
305	+4.39e-004	+1.99e-004	-1.60e-004	+1.65e-005	+1.12e-004	+3.31e-004
306	+3.44e-004	+1.26e-004	-1.34e-004	+2.80e-005	+2.43e-005	+1.41e-004
307	+2.89e-004	+1.15e-004	-1.14e-004	+5.16e-005	+3.25e-005	+3.14e-005
308	+2.59e-004	+1.35e-004	-1.02e-004	+3.58e-005	+1.69e-005	-2.25e-005
309	+3.73e-004	+1.90e-004	-1.35e-004	-4.89e-005	+1.82e-004	+2.52e-004
310	+2.94e-004	+1.39e-004	-1.03e-004	-4.51e-005	+7.72e-005	+1.08e-004
311	+2.48e-004	+1.33e-004	-8.44e-005	-1.86e-005	+8.13e-005	+2.58e-005
312	+2.20e-004	+1.50e-004	-7.57e-005	-3.31e-005	+6.16e-005	-1.69e-005
313	+2.75e-004	+1.52e-004	-1.05e-004	-1.15e-004	+2.53e-004	+1.70e-004
314	+2.17e-004	+1.20e-004	-6.93e-005	-1.19e-004	+1.34e-004	+7.26e-005
315	+1.83e-004	+1.18e-004	-5.38e-005	-9.35e-005	+1.33e-004	+1.76e-005
316	+1.63e-004	+1.30e-004	-4.92e-005	-1.09e-004	+1.09e-004	-1.19e-005
317	+1.47e-004	+8.57e-005	-6.72e-005	-1.71e-004	+3.11e-004	+8.63e-005
318	+2.03e-006	-8.91e-007	-4.51e-006	-2.18e-004	+1.84e-004	-2.51e-006
319	+1.13e-004	+7.29e-005	-3.37e-005	-1.85e-004	+1.73e-004	+3.63e-005
320	+2.11e-006	-4.08e-007	-3.15e-006	-1.89e-004	+1.88e-004	-1.71e-006
321	+9.81e-005	+7.06e-005	-2.69e-005	-1.59e-004	+1.72e-004	+8.69e-006
322	+1.97e-006	-2.24e-008	-2.99e-006	-2.02e-004	+1.68e-004	-8.20e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
323	+8.92e-005	+7.63e-005	-2.38e-005	-1.74e-004	+1.49e-004	-6.35e-006
324	+2.60e-004	+1.31e-004	-1.15e-004	+1.12e-004	+3.11e-005	-5.60e-005
325	+2.39e-004	+1.62e-004	-1.15e-004	+1.10e-004	-6.62e-006	-5.81e-005
326	+2.19e-004	+1.89e-004	-1.14e-004	+1.28e-004	+2.44e-006	-4.21e-005
327	+1.98e-004	+2.08e-004	-1.12e-004	+1.44e-004	-1.42e-005	-2.97e-005
328	+2.40e-004	+1.70e-004	-9.45e-005	+5.64e-005	+6.13e-005	-5.39e-005
329	+2.20e-004	+2.02e-004	-9.24e-005	+4.30e-005	+1.47e-005	-6.44e-005
330	+2.01e-004	+2.32e-004	-9.09e-005	+4.94e-005	+2.66e-005	-5.48e-005
331	+1.82e-004	+2.58e-004	-9.04e-005	+5.32e-005	+9.75e-006	-4.41e-005
332	+2.04e-004	+1.79e-004	-7.43e-005	-1.93e-005	+9.85e-005	-4.63e-005
333	+1.87e-004	+2.07e-004	-6.88e-005	-4.36e-005	+4.00e-005	-5.95e-005
334	+1.70e-004	+2.36e-004	-6.68e-005	-4.81e-005	+5.44e-005	-5.46e-005
335	-1.22e-006	+1.81e-006	-3.66e-006	-3.86e-004	-2.66e-005	+3.58e-008
336	-1.05e-006	+1.82e-006	-3.75e-006	-3.92e-004	-2.29e-005	+7.69e-009
337	-2.12e-005	+1.69e-004	-3.14e-005	-3.43e-004	-2.13e-005	+4.35e-006
338	-2.47e-005	+1.67e-004	-3.08e-005	-3.38e-004	-2.45e-005	+6.29e-006
339	-1.35e-004	+2.90e-004	-7.39e-005	-5.26e-005	-6.79e-005	+4.23e-005
340	-1.17e-004	+3.09e-004	-7.50e-005	-5.71e-005	-1.97e-005	+4.11e-005
341	-1.40e-004	+3.05e-004	-9.67e-005	+7.38e-005	-7.99e-006	+4.19e-005
342	-1.60e-004	+2.85e-004	-9.14e-005	+7.05e-005	-4.49e-005	+4.14e-005
343	-6.45e-005	+3.58e-004	-8.19e-005	-6.75e-005	-1.77e-005	+1.44e-005
344	-5.59e-005	+3.63e-004	-8.27e-005	-6.92e-005	-1.59e-005	+9.57e-006
345	-6.94e-005	+3.59e-004	-1.06e-004	+8.58e-005	-1.30e-005	+9.38e-006
346	-7.97e-005	+3.53e-004	-1.05e-004	+8.62e-005	-1.40e-005	+1.55e-005
347	-1.92e-006	+1.74e-006	-3.24e-006	-3.53e-004	-4.62e-005	+2.68e-007
348	-1.66e-006	+1.78e-006	-3.39e-006	-3.68e-004	-3.50e-005	+1.41e-007
349	-3.35e-005	+1.59e-004	-2.89e-005	-3.21e-004	-3.25e-005	+1.17e-005
350	-3.90e-005	+1.53e-004	-2.78e-005	-3.08e-004	-4.14e-005	+1.51e-005
351	-8.53e-005	+2.54e-004	-5.17e-005	-1.88e-004	-3.16e-005	+3.28e-005
352	-9.96e-005	+2.38e-004	-5.51e-005	-1.76e-004	-9.04e-005	+3.44e-005
353	-6.22e-005	+2.79e-004	-5.42e-005	-2.08e-004	-2.72e-005	+2.10e-005
354	-7.26e-005	+2.68e-004	-5.24e-005	-2.00e-004	-3.58e-005	+2.72e-005
355	-9.96e-005	+1.70e-004	-1.45e-004	+2.89e-004	-6.93e-006	+2.13e-005
356	-8.80e-005	+1.77e-004	-1.45e-004	+2.85e-004	-7.42e-006	+3.92e-006
357	-9.40e-005	+2.71e-005	-1.63e-004	+2.88e-004	-4.82e-006	-3.05e-007
358	-1.05e-004	+2.00e-005	-1.63e-004	+2.85e-004	-3.79e-006	+2.79e-005
359	-9.73e-005	-1.11e-004	-1.77e-004	+2.53e-004	-3.25e-006	-3.74e-006
360	-1.08e-004	-1.14e-004	-1.77e-004	+2.45e-004	-1.82e-006	+1.72e-005
361	-1.43e-004	+1.59e-004	-1.40e-004	+2.57e-004	-2.61e-006	+1.42e-005
362	-1.27e-004	+1.61e-004	-1.43e-004	+2.76e-004	-3.68e-006	-2.56e-006
363	-1.31e-004	+1.77e-005	-1.61e-004	+2.74e-004	+8.92e-007	-2.39e-005
364	-1.46e-004	+2.33e-005	-1.58e-004	+2.65e-004	+3.98e-006	+1.20e-006
365	-2.18e-004	+1.20e-004	-1.37e-004	+1.86e-004	+1.67e-005	+1.59e-005
366	-1.98e-004	+1.28e-004	-1.33e-004	+2.10e-004	+3.27e-005	+2.62e-006
367	-1.96e-004	+1.03e-005	-1.51e-004	+2.27e-004	+4.05e-005	-2.60e-005
368	-2.15e-004	+1.41e-005	-1.57e-004	+2.16e-004	+3.05e-005	-1.18e-005
369	-1.87e-004	-1.06e-004	-1.65e-004	+2.20e-004	+4.06e-005	-2.93e-005
370	-2.04e-004	-9.99e-005	-1.72e-004	+2.24e-004	+3.70e-005	-1.69e-005
371	+1.54e-004	+2.62e-004	-6.80e-005	-5.62e-005	+3.81e-005	-4.63e-005
372	+1.51e-004	+1.52e-004	-5.42e-005	-1.04e-004	+1.36e-004	-3.41e-005
373	+1.38e-004	+1.73e-004	-4.53e-005	-1.37e-004	+6.78e-005	-4.53e-005
374	+1.25e-004	+1.95e-004	-4.27e-005	-1.50e-004	+8.26e-005	-4.32e-005
375	+1.14e-004	+2.15e-004	-4.53e-005	-1.68e-004	+6.50e-005	-3.79e-005
376	+8.16e-005	+8.86e-005	-3.24e-005	-1.77e-004	+1.67e-004	-1.82e-005
377	+2.16e-006	+6.51e-007	-2.41e-006	-2.51e-004	+9.58e-005	-1.45e-006
378	+7.33e-005	+1.00e-004	-2.21e-005	-2.16e-004	+8.89e-005	-2.45e-005
379	+2.02e-006	+8.90e-007	-2.16e-006	-2.70e-004	+1.16e-004	-5.25e-007
380	+6.80e-005	+1.12e-004	-2.11e-005	-2.34e-004	+1.06e-004	-2.38e-005
381	+1.88e-006	+1.01e-006	-2.47e-006	-2.96e-004	+1.01e-004	-5.22e-007
382	+6.30e-005	+1.23e-004	-2.25e-005	-2.58e-004	+8.90e-005	-2.14e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
383	-1.92e-004	+2.14e-004	-1.13e-004	+1.48e-004	+1.51e-005	+2.79e-005
384	-2.12e-004	+1.95e-004	-1.16e-004	+1.33e-004	-1.60e-006	+4.03e-005
385	-2.32e-004	+1.69e-004	-1.19e-004	+1.15e-004	+7.68e-006	+5.64e-005
386	-1.77e-004	+2.64e-004	-9.17e-005	+5.49e-005	-9.05e-006	+4.17e-005
387	-1.95e-004	+2.40e-004	-9.30e-005	+5.15e-005	-2.56e-005	+5.23e-005
388	-2.13e-004	+2.10e-004	-9.56e-005	+4.56e-005	-1.39e-005	+6.19e-005
389	-1.50e-004	+2.68e-004	-6.93e-005	-5.71e-005	-3.75e-005	+4.38e-005
390	-1.65e-004	+2.44e-004	-6.87e-005	-4.92e-005	-5.33e-005	+5.18e-005
391	-1.81e-004	+2.16e-004	-7.19e-005	-4.46e-005	-3.94e-005	+5.67e-005
392	-1.10e-004	+2.21e-004	-4.64e-005	-1.71e-004	-6.44e-005	+3.57e-005
393	-1.21e-004	+2.02e-004	-4.44e-005	-1.54e-004	-8.13e-005	+4.08e-005
394	-1.33e-004	+1.81e-004	-4.78e-005	-1.41e-004	-6.74e-005	+4.28e-005
395	-1.75e-006	+1.05e-006	-2.58e-006	-3.02e-004	-9.96e-005	+5.11e-007
396	-6.08e-005	+1.26e-004	-2.32e-005	-2.64e-004	-8.81e-005	+2.01e-005
397	-1.86e-006	+9.46e-007	-2.31e-006	-2.78e-004	-1.13e-004	+4.82e-007
398	-6.54e-005	+1.16e-004	-2.22e-005	-2.41e-004	-1.04e-004	+2.23e-005
399	-1.96e-006	+7.43e-007	-2.63e-006	-2.60e-004	-9.47e-005	+1.23e-006
400	-7.02e-005	+1.05e-004	-2.37e-005	-2.24e-004	-8.82e-005	+2.29e-005
401	-3.08e-004	+9.31e-006	-1.80e-004	+1.45e-004	+3.08e-005	-2.56e-005
402	-2.75e-004	+3.80e-005	-1.60e-004	+1.25e-004	+4.51e-005	+3.98e-005
403	-2.71e-004	-4.64e-005	-1.88e-004	+1.44e-004	+6.28e-005	+3.73e-005
404	-3.05e-004	-7.30e-005	-2.11e-004	+1.33e-004	+3.87e-005	-2.97e-005
405	-2.58e-004	-1.37e-004	-2.10e-004	+1.56e-004	+7.43e-005	+4.65e-006
406	-2.96e-004	-1.42e-004	-2.36e-004	+1.15e-004	+4.51e-005	-8.38e-005
407	-7.80e-005	+9.38e-005	-3.52e-005	-1.87e-004	-1.60e-004	+1.69e-005
408	-1.45e-004	+1.61e-004	-5.83e-005	-1.10e-004	-1.33e-004	+3.22e-005
409	-1.97e-004	+1.90e-004	-7.91e-005	-2.07e-005	-9.60e-005	+4.44e-005
410	-2.32e-004	+1.80e-004	-9.95e-005	+5.94e-005	-5.98e-005	+5.23e-005
411	-2.52e-004	+1.39e-004	-1.20e-004	+1.19e-004	-3.05e-005	+5.51e-005
412	-1.65e-006	+2.24e-007	-3.48e-006	-2.10e-004	-1.67e-004	+9.32e-007
413	-8.52e-005	+8.23e-005	-2.73e-005	-1.81e-004	-1.49e-004	+5.66e-006
414	-1.57e-004	+1.40e-004	-5.48e-005	-1.13e-004	-1.08e-004	+1.07e-005
415	-2.13e-004	+1.62e-004	-8.26e-005	-3.34e-005	-6.04e-005	+1.57e-005
416	-2.50e-004	+1.46e-004	-1.10e-004	+3.90e-005	-1.49e-005	+2.16e-005
417	-2.70e-004	+1.02e-004	-1.36e-004	+9.24e-005	+2.15e-005	+2.97e-005
418	-1.77e-006	-1.69e-007	-3.69e-006	-2.00e-004	-1.84e-004	+1.73e-006
419	-9.41e-005	+7.71e-005	-3.08e-005	-1.68e-004	-1.70e-004	-9.89e-006
420	-1.77e-004	+1.29e-004	-6.03e-005	-9.88e-005	-1.31e-004	-1.96e-005
421	-2.40e-004	+1.46e-004	-9.26e-005	-1.95e-005	-7.93e-005	-2.82e-005
422	-1.11e-003	+3.25e-004	-2.46e-004	-3.12e-005	-2.11e-004	-9.11e-004
423	-7.59e-004	+2.10e-004	-2.44e-004	+6.56e-006	-9.47e-005	-7.54e-004
424	-8.20e-004	+1.78e-004	-2.55e-004	-1.55e-005	-9.10e-005	-8.62e-004
425	-1.21e-003	+3.34e-004	-2.61e-004	-4.69e-005	-1.89e-004	-1.05e-003
426	-8.64e-004	+1.97e-004	-2.57e-004	-3.81e-005	-8.50e-005	-9.75e-004
427	-1.31e-003	+3.61e-004	-2.68e-004	-7.19e-005	-1.73e-004	-1.17e-003
428	-2.80e-004	+1.27e-004	-1.24e-004	+5.51e-005	-3.01e-005	-3.37e-005
429	-3.01e-004	+7.85e-005	-1.52e-004	+1.14e-004	+6.82e-006	-3.38e-005
430	-1.70e-006	-6.29e-007	-5.10e-006	-2.30e-004	-1.85e-004	+2.21e-006
431	-1.10e-004	+8.01e-005	-3.80e-005	-1.94e-004	-1.74e-004	-3.85e-005
432	-2.11e-004	+1.32e-004	-7.64e-005	-1.24e-004	-1.34e-004	-7.62e-005
433	-2.87e-004	+1.53e-004	-1.12e-004	-4.59e-005	-7.60e-005	-1.13e-004
434	-3.35e-004	+1.41e-004	-1.44e-004	+3.16e-005	-2.17e-005	-1.46e-004
435	-3.59e-004	+9.69e-005	-1.72e-004	+9.96e-005	+1.92e-005	-1.74e-004
436	-1.44e-004	+9.39e-005	-7.21e-005	-1.86e-004	-3.05e-004	-8.91e-005
437	-2.70e-004	+1.66e-004	-1.13e-004	-1.24e-004	-2.49e-004	-1.75e-004
438	-3.67e-004	+2.07e-004	-1.45e-004	-5.25e-005	-1.79e-004	-2.58e-004
439	-4.32e-004	+2.16e-004	-1.71e-004	+1.90e-005	-1.08e-004	-3.38e-004
440	-4.68e-004	+1.94e-004	-1.96e-004	+8.53e-005	-5.20e-005	-4.16e-004
441	-5.69e-008	+7.63e-007	-5.61e-006	-1.79e-004	-4.60e-004	-1.78e-006
442	-1.97e-004	+9.31e-005	-4.75e-005	-1.69e-004	-4.28e-004	-1.33e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
443	-2.94e-003	+6.32e-004	-1.28e-004	-1.76e-004	-7.36e-004	-1.03e-003
444	-2.44e-003	+6.14e-004	-1.94e-004	-1.66e-004	-6.01e-004	-1.04e-003
445	-2.72e-003	+6.94e-004	-2.08e-004	-1.54e-004	-5.30e-004	-1.18e-003
446	-3.29e-003	+7.19e-004	-1.43e-004	-1.67e-004	-6.47e-004	-1.15e-003
447	-2.98e-003	+7.70e-004	-2.17e-004	-1.48e-004	-4.90e-004	-1.30e-003
448	-3.61e-003	+8.01e-004	-1.54e-004	-1.59e-004	-5.96e-004	-1.26e-003
449	-3.20e-003	+8.40e-004	-2.24e-004	-1.37e-004	-4.20e-004	-1.40e-003
450	-3.87e-003	+8.73e-004	-1.64e-004	-1.51e-004	-5.08e-004	-1.35e-003
451	-4.79e-003	+9.78e-004	-1.07e-004	-1.53e-004	-5.31e-004	-1.38e-003
452	-5.46e-003	+1.01e-003	-4.55e-005	-1.57e-004	-5.86e-004	-1.37e-003
453	-3.39e-003	+9.07e-004	-2.29e-004	-1.35e-004	-3.86e-004	-1.48e-003
454	-4.10e-003	+9.44e-004	-1.69e-004	-1.48e-004	-4.63e-004	-1.43e-003
455	-9.13e-004	+2.42e-004	-2.78e-004	-6.26e-005	-1.34e-004	-1.05e-003
456	-1.39e-003	+4.06e-004	-2.78e-004	-8.72e-005	-1.86e-004	-1.25e-003
457	-2.06e-003	+6.52e-004	-2.86e-004	-9.05e-005	-2.35e-004	-1.45e-003
458	-2.67e-003	+8.71e-004	-2.84e-004	-1.32e-004	-3.01e-004	-1.49e-003
459	-9.72e-004	+2.73e-004	-2.91e-004	-4.40e-005	-1.11e-004	-1.11e-003
460	-1.48e-003	+4.49e-004	-2.88e-004	-7.08e-005	-1.68e-004	-1.32e-003
461	-2.41e-004	-2.26e-004	-2.27e-004	+1.59e-004	+7.92e-005	-4.85e-005
462	-2.86e-004	-1.98e-004	-2.55e-004	+1.01e-004	+3.66e-005	-1.63e-004
463	-3.83e-004	-1.16e-004	-2.82e-004	+3.91e-005	+9.43e-006	-4.77e-004
464	-5.69e-004	+1.39e-004	-2.95e-004	-2.07e-005	-5.01e-005	-8.13e-004
465	-2.20e-004	-3.14e-004	-2.38e-004	+1.60e-004	+8.31e-005	-1.03e-004
466	-2.76e-004	-2.53e-004	-2.64e-004	+1.13e-004	+4.27e-005	-2.42e-004
467	-1.76e-004	-2.15e-004	-1.78e-004	+2.23e-004	+4.20e-005	-1.66e-005
468	-1.90e-004	-2.13e-004	-1.86e-004	+2.35e-004	+4.39e-005	-6.64e-006
469	-1.81e-004	-3.32e-004	-2.01e-004	+2.36e-004	+5.30e-005	+3.55e-006
470	-1.92e-004	-3.31e-004	-2.03e-004	+2.24e-004	+5.42e-005	-2.57e-005
471	-1.63e-004	-3.26e-004	-1.87e-004	+2.27e-004	+4.60e-005	-2.58e-006
472	-1.72e-004	-3.28e-004	-1.96e-004	+2.36e-004	+4.72e-005	+2.61e-006
473	-9.93e-005	-2.20e-004	-1.89e-004	+2.09e-004	-2.32e-006	-5.45e-006
474	-1.09e-004	-2.21e-004	-1.90e-004	+2.03e-004	-6.02e-007	+3.64e-006
475	-1.44e-004	-3.20e-004	-1.86e-004	+2.15e-004	+1.64e-005	+1.05e-005
476	-1.54e-004	-3.24e-004	-1.76e-004	+2.22e-004	+2.43e-005	+3.44e-006
477	-1.00e-004	-3.17e-004	-1.98e-004	+1.96e-004	-1.70e-006	-5.50e-006
478	-1.09e-004	-3.16e-004	-1.98e-004	+1.94e-004	+4.10e-009	-9.09e-007
479	-1.44e-004	-1.05e-004	-1.72e-004	+2.41e-004	+8.03e-006	-4.63e-006
480	-1.31e-004	-1.12e-004	-1.75e-004	+2.38e-004	+3.64e-006	-2.30e-005
481	-1.30e-004	-2.17e-004	-1.88e-004	+2.05e-004	+5.35e-006	-1.10e-005
482	-1.41e-004	-2.14e-004	-1.84e-004	+2.15e-004	+1.03e-005	-1.96e-006
483	-2.29e-005	-2.38e-004	-1.80e-004	+2.07e-004	-1.82e-006	-5.43e-007
484	-2.91e-005	-2.35e-004	-1.81e-004	+2.13e-004	-2.29e-006	-9.21e-006
485	-5.90e-005	-3.30e-004	-1.91e-004	+1.98e-004	-3.09e-006	-6.28e-006
486	-6.68e-005	-3.27e-004	-1.93e-004	+1.99e-004	-3.31e-006	-4.12e-006
487	-2.40e-005	-3.35e-004	-1.88e-004	+1.99e-004	-1.33e-006	-8.72e-007
488	-3.05e-005	-3.34e-004	-1.88e-004	+2.01e-004	-1.69e-006	-4.17e-006
489	-4.66e-005	-1.28e-004	-1.71e-004	+2.51e-004	-3.75e-006	-7.93e-007
490	-3.98e-005	-1.22e-004	-1.70e-004	+2.58e-004	-3.31e-006	+1.99e-005
491	-4.24e-005	-2.34e-004	-1.82e-004	+2.12e-004	-3.20e-006	+7.17e-006
492	-4.94e-005	-2.36e-004	-1.83e-004	+2.05e-004	-3.61e-006	-1.68e-006
493	+3.77e-005	-2.32e-004	-1.81e-004	+2.18e-004	+2.90e-006	+1.08e-006
494	+3.11e-005	-2.35e-004	-1.81e-004	+2.13e-004	+2.43e-006	+9.28e-006
495	+7.05e-006	-3.35e-004	-1.87e-004	+2.02e-004	+3.65e-007	+3.20e-006
496	+9.22e-007	-3.36e-004	-1.87e-004	+1.99e-004	+3.36e-008	+3.02e-008
497	+3.94e-005	-3.32e-004	-1.89e-004	+2.02e-004	+2.15e-006	+1.73e-006
498	+3.26e-005	-3.34e-004	-1.88e-004	+2.01e-004	+1.78e-006	+4.29e-006
499	+1.18e-005	-1.18e-004	-1.68e-004	+2.66e-004	+1.02e-006	+1.23e-007
500	+1.74e-005	-1.23e-004	-1.69e-004	+2.60e-004	+1.50e-006	-2.03e-005
501	+1.86e-005	-2.35e-004	-1.80e-004	+2.13e-004	+1.47e-006	-8.04e-006
502	+1.26e-005	-2.33e-004	-1.80e-004	+2.19e-004	+9.95e-007	+2.68e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
503	+1.23e-004	-2.20e-004	-1.90e-004	+1.96e-004	-2.00e-006	+4.31e-006
504	+1.13e-004	-2.19e-004	-1.90e-004	+2.02e-004	+6.45e-007	-3.00e-006
505	+7.77e-005	-3.25e-004	-1.94e-004	+1.95e-004	+3.50e-006	+2.51e-006
506	+6.95e-005	-3.27e-004	-1.93e-004	+1.98e-004	+3.42e-006	+4.51e-006
507	+1.22e-004	-3.13e-004	-1.98e-004	+1.92e-004	-2.66e-006	+2.15e-006
508	+1.13e-004	-3.14e-004	-1.99e-004	+1.93e-004	+1.38e-008	+1.78e-006
509	+8.09e-005	-1.25e-004	-1.75e-004	+2.45e-004	+4.64e-006	+3.09e-006
510	+9.04e-005	-1.17e-004	-1.76e-004	+2.49e-004	+4.23e-006	+2.44e-005
511	+9.31e-005	-2.24e-004	-1.89e-004	+2.04e-004	+3.53e-006	+1.43e-005
512	+8.40e-005	-2.30e-004	-1.87e-004	+1.99e-004	+4.13e-006	+5.05e-006
513	+2.10e-004	-2.13e-004	-1.89e-004	+2.36e-004	-5.07e-005	-7.91e-006
514	+1.96e-004	-2.09e-004	-1.84e-004	+2.32e-004	-4.42e-005	+7.51e-006
515	+1.68e-004	-3.21e-004	-1.86e-004	+2.25e-004	-4.61e-005	+3.53e-006
516	+1.59e-004	-3.20e-004	-1.76e-004	+2.20e-004	-2.52e-005	-2.48e-006
517	+1.87e-004	-3.27e-004	-1.98e-004	+2.34e-004	-5.34e-005	-3.36e-006
518	+1.78e-004	-3.23e-004	-1.94e-004	+2.34e-004	-4.79e-005	-1.96e-006
519	+3.81e-004	-9.82e-005	-2.64e-004	+1.40e-005	-1.84e-006	+3.80e-004
520	+2.94e-004	-1.95e-004	-2.47e-004	+1.01e-004	-3.88e-005	+1.60e-004
521	+2.26e-004	-3.09e-004	-2.32e-004	+1.61e-004	-8.46e-005	+1.02e-004
522	+1.98e-004	-3.26e-004	-1.99e-004	+2.22e-004	-5.65e-005	+2.54e-005
523	+3.87e-004	-1.16e-004	-2.73e-004	+4.19e-005	-1.29e-005	+4.69e-004
524	+2.82e-004	-2.50e-004	-2.57e-004	+1.14e-004	-4.57e-005	+2.38e-004
525	+1.93e-003	+5.86e-004	-2.68e-004	-9.80e-005	+2.51e-004	+1.35e-003
526	+1.39e-003	+3.96e-004	-2.66e-004	-8.60e-005	+1.79e-004	+1.24e-003
527	+9.69e-004	+2.65e-004	-2.80e-004	-4.20e-005	+1.04e-004	+1.09e-003
528	+5.71e-004	+1.34e-004	-2.84e-004	-1.86e-005	+4.34e-005	+8.00e-004
529	+2.04e-003	+6.39e-004	-2.74e-004	-8.89e-005	+2.28e-004	+1.43e-003
530	+1.47e-003	+4.38e-004	-2.76e-004	-6.93e-005	+1.61e-004	+1.30e-003
531	+4.48e-003	+8.86e-004	-8.42e-005	-1.81e-004	+5.82e-004	+1.30e-003
532	+3.84e-003	+8.55e-004	-1.48e-004	-1.47e-004	+5.00e-004	+1.34e-003
533	+3.36e-003	+8.90e-004	-2.15e-004	-1.36e-004	+3.78e-004	+1.47e-003
534	+2.64e-003	+8.55e-004	-2.70e-004	-1.33e-004	+2.93e-004	+1.48e-003
535	+4.74e-003	+9.60e-004	-9.11e-005	-1.48e-004	+5.22e-004	+1.37e-003
536	+4.06e-003	+9.26e-004	-1.54e-004	-1.51e-004	+4.55e-004	+1.42e-003
537	-1.30e-007	+1.81e-006	-4.05e-006	-4.04e-004	-2.87e-006	+6.76e-009
538	-8.31e-008	+1.81e-006	-4.05e-006	-4.04e-004	-1.84e-006	+1.23e-010
539	-1.72e-006	+1.75e-004	-3.32e-005	-3.54e-004	-1.78e-006	+5.64e-008
540	-2.67e-006	+1.74e-004	-3.32e-005	-3.54e-004	-2.78e-006	+1.41e-007
541	-7.02e-006	+3.07e-004	-5.99e-005	-2.30e-004	-3.60e-006	+2.51e-007
542	-9.02e-006	+3.07e-004	-5.99e-005	-2.30e-004	-4.61e-006	+1.76e-007
543	-3.28e-006	+3.07e-004	-5.99e-005	-2.31e-004	-1.69e-006	+1.04e-007
544	-5.11e-006	+3.07e-004	-5.99e-005	-2.30e-004	-2.63e-006	+3.49e-007
545	-2.30e-005	+3.73e-004	-8.41e-005	-7.01e-005	-7.41e-006	+1.18e-006
546	-1.94e-005	+3.74e-004	-8.41e-005	-7.09e-005	-6.31e-006	+1.47e-006
547	-2.47e-005	+3.69e-004	-1.06e-004	+9.03e-005	-5.71e-006	+2.82e-006
548	-2.92e-005	+3.68e-004	-1.06e-004	+9.21e-005	-6.67e-006	+1.24e-006
549	-4.04e-005	+2.97e-004	-1.26e-004	+2.23e-004	-6.71e-006	-4.18e-006
550	-4.67e-005	+2.98e-004	-1.26e-004	+2.18e-004	-7.53e-006	+1.91e-006
551	-2.94e-005	+2.98e-004	-1.25e-004	+2.24e-004	-5.08e-006	+6.41e-006
552	-3.47e-005	+2.95e-004	-1.26e-004	+2.28e-004	-5.89e-006	+1.07e-006
553	-7.40e-006	+3.75e-004	-8.41e-005	-7.12e-005	-2.45e-006	+8.21e-007
554	-4.75e-006	+3.75e-004	-8.41e-005	-7.18e-005	-1.58e-006	+1.35e-007
555	-6.10e-006	+3.71e-004	-1.06e-004	+8.86e-005	-1.45e-006	+1.44e-007
556	-9.49e-006	+3.70e-004	-1.06e-004	+9.04e-005	-2.25e-006	+2.14e-006
557	-1.55e-005	+2.96e-004	-1.25e-004	+2.29e-004	-2.76e-006	+2.99e-007
558	-1.99e-005	+2.98e-004	-1.25e-004	+2.24e-004	-3.51e-006	-5.20e-006
559	-7.30e-006	+3.00e-004	-1.25e-004	+2.20e-004	-1.31e-006	+1.27e-007
560	-1.13e-005	+2.98e-004	-1.25e-004	+2.24e-004	-2.03e-006	+5.82e-006
561	-2.84e-007	+1.81e-006	-4.03e-006	-4.03e-004	-6.27e-006	+2.14e-010
562	-5.85e-006	+1.74e-004	-3.31e-005	-3.53e-004	-6.06e-006	+2.67e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
563	-1.12e-005	+3.07e-004	-5.98e-005	-2.30e-004	-5.69e-006	+4.90e-007
564	-1.61e-005	+3.75e-004	-8.41e-005	-7.16e-005	-5.27e-006	+6.33e-007
565	-1.30e-005	+1.78e-004	-1.41e-004	+3.04e-004	-1.79e-006	+1.51e-005
566	-8.34e-006	+1.82e-004	-1.41e-004	+2.96e-004	-1.16e-006	+8.33e-008
567	-9.33e-006	+2.63e-005	-1.57e-004	+3.00e-004	-9.55e-007	+3.01e-009
568	-1.45e-005	+1.94e-005	-1.57e-004	+3.02e-004	-1.47e-006	+2.72e-005
569	-1.01e-005	-1.18e-004	-1.68e-004	+2.66e-004	-8.93e-007	-1.04e-007
570	-1.57e-005	-1.23e-004	-1.69e-004	+2.60e-004	-1.38e-006	+2.03e-005
571	-2.79e-005	+1.82e-004	-1.42e-004	+2.96e-004	-3.76e-006	+3.74e-007
572	-3.10e-005	+2.64e-005	-1.58e-004	+2.99e-004	-3.07e-006	+3.55e-009
573	+3.61e-007	+1.81e-006	-4.01e-006	-4.03e-004	+7.97e-006	-6.73e-009
574	+4.28e-007	+1.81e-006	-4.00e-006	-4.02e-004	+9.44e-006	+1.70e-010
575	+8.80e-006	+1.74e-004	-3.29e-005	-3.52e-004	+9.07e-006	-5.47e-007
576	+7.43e-006	+1.74e-004	-3.30e-005	-3.53e-004	+7.68e-006	-4.47e-007
577	+1.18e-005	+3.07e-004	-5.98e-005	-2.30e-004	+6.01e-006	-5.34e-007
578	+9.63e-006	+3.07e-004	-5.98e-005	-2.30e-004	+4.92e-006	-2.10e-007
579	+1.67e-005	+3.06e-004	-5.96e-005	-2.29e-004	+8.45e-006	-1.00e-006
580	+1.41e-005	+3.06e-004	-5.97e-005	-2.30e-004	+7.18e-006	-9.09e-007
581	+5.54e-006	+3.75e-004	-8.41e-005	-7.18e-005	+1.83e-006	-1.60e-007
582	+8.21e-006	+3.75e-004	-8.41e-005	-7.11e-005	+2.71e-006	-8.50e-007
583	+1.05e-005	+3.70e-004	-1.06e-004	+9.04e-005	+2.49e-006	-2.17e-006
584	+7.11e-006	+3.71e-004	-1.06e-004	+8.86e-005	+1.68e-006	-1.70e-007
585	+4.53e-006	+2.99e-004	-1.25e-004	+2.24e-004	+8.03e-007	+5.54e-006
586	+5.96e-007	+2.97e-004	-1.25e-004	+2.29e-004	+9.96e-008	-1.02e-008
587	+1.26e-005	+2.98e-004	-1.25e-004	+2.24e-004	+2.24e-006	-5.85e-006
588	+8.51e-006	+3.00e-004	-1.25e-004	+2.20e-004	+1.51e-006	-1.50e-007
589	+2.04e-005	+3.74e-004	-8.41e-005	-7.08e-005	+6.62e-006	-1.54e-006
590	+2.40e-005	+3.73e-004	-8.40e-005	-7.00e-005	+7.75e-006	-1.28e-006
591	+3.06e-005	+3.68e-004	-1.06e-004	+9.21e-005	+6.97e-006	-1.34e-006
592	+2.60e-005	+3.69e-004	-1.06e-004	+9.03e-005	+6.00e-006	-2.90e-006
593	+2.59e-005	+3.00e-004	-1.25e-004	+2.19e-004	+4.53e-006	-6.34e-007
594	+2.12e-005	+2.98e-004	-1.25e-004	+2.24e-004	+3.74e-006	+5.16e-006
595	+3.63e-005	+2.95e-004	-1.26e-004	+2.28e-004	+6.16e-006	-1.16e-006
596	+3.09e-005	+2.97e-004	-1.25e-004	+2.24e-004	+5.33e-006	-6.48e-006
597	+1.93e-007	+1.81e-006	-4.04e-006	-4.04e-004	+4.26e-006	-2.54e-010
598	+3.98e-006	+1.74e-004	-3.32e-005	-3.54e-004	+4.13e-006	-1.51e-007
599	+7.60e-006	+3.07e-004	-5.99e-005	-2.30e-004	+3.89e-006	-2.79e-007
600	+1.10e-005	+3.75e-004	-8.41e-005	-7.05e-005	+3.62e-006	-3.61e-007
601	+3.51e-005	+1.77e-004	-1.42e-004	+3.03e-004	+4.64e-006	-1.56e-005
602	+4.11e-005	+1.73e-004	-1.43e-004	+3.12e-004	+5.32e-006	-7.55e-007
603	+4.55e-005	+8.53e-006	-1.59e-004	+3.01e-004	+4.31e-006	-3.99e-008
604	+3.89e-005	+1.94e-005	-1.58e-004	+3.00e-004	+3.78e-006	-2.72e-005
605	+4.87e-005	-1.28e-004	-1.71e-004	+2.51e-004	+3.91e-006	+8.64e-007
606	+4.19e-005	-1.22e-004	-1.70e-004	+2.58e-004	+3.46e-006	-1.98e-005
607	+1.92e-005	+1.73e-004	-1.41e-004	+3.13e-004	+2.62e-006	-2.11e-007
608	+2.14e-005	+8.53e-006	-1.57e-004	+3.03e-004	+2.15e-006	+7.12e-009
609	+1.72e-006	+1.78e-006	-3.36e-006	-3.65e-004	+3.62e-005	-1.50e-007
610	+1.99e-006	+1.74e-006	-3.20e-006	-3.50e-004	+4.78e-005	-2.87e-007
611	+4.03e-005	+1.51e-004	-2.75e-005	-3.06e-004	+4.27e-005	-1.61e-005
612	+3.46e-005	+1.58e-004	-2.87e-005	-3.19e-004	+3.35e-005	-1.24e-005
613	+5.52e-005	+2.86e-004	-5.55e-005	-2.13e-004	+2.53e-005	-1.66e-005
614	+4.76e-005	+2.92e-004	-5.68e-005	-2.19e-004	+2.19e-005	-1.21e-005
615	+7.50e-005	+2.65e-004	-5.20e-005	-1.98e-004	+3.69e-005	-2.89e-005
616	+6.43e-005	+2.77e-004	-5.39e-005	-2.07e-004	+2.80e-005	-2.23e-005
617	+4.35e-005	+3.68e-004	-8.36e-005	-6.89e-005	+1.31e-005	-4.83e-006
618	+5.01e-005	+3.66e-004	-8.32e-005	-6.90e-005	+1.47e-005	-6.41e-006
619	+6.26e-005	+3.61e-004	-1.06e-004	+8.86e-005	+1.24e-005	-4.93e-006
620	+5.46e-005	+3.63e-004	-1.06e-004	+9.12e-005	+1.12e-005	-4.74e-006
621	+5.57e-005	+2.94e-004	-1.27e-004	+2.22e-004	+8.63e-006	-8.36e-006
622	+4.86e-005	+2.97e-004	-1.26e-004	+2.18e-004	+7.82e-006	-2.07e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
623	+7.27e-005	+2.91e-004	-1.27e-004	+2.19e-004	+1.00e-005	+3.77e-007
624	+6.37e-005	+2.91e-004	-1.27e-004	+2.26e-004	+9.38e-006	-3.68e-006
625	+8.93e-005	+3.37e-004	-7.86e-005	-6.32e-005	+2.22e-005	-2.72e-005
626	+1.04e-004	+3.23e-004	-7.65e-005	-6.07e-005	+2.86e-005	-3.58e-005
627	+1.25e-004	+3.19e-004	-9.97e-005	+7.60e-005	+1.91e-005	-3.54e-005
628	+1.09e-004	+3.33e-004	-1.02e-004	+8.15e-005	+1.58e-005	-2.56e-005
629	+1.08e-004	+2.76e-004	-1.25e-004	+2.13e-004	+1.09e-005	-1.64e-005
630	+9.44e-005	+2.84e-004	-1.26e-004	+2.13e-004	+1.08e-005	-1.72e-005
631	+1.40e-004	+2.59e-004	-1.21e-004	+1.88e-004	+1.05e-005	-2.77e-005
632	+1.23e-004	+2.68e-004	-1.24e-004	+2.01e-004	+9.52e-006	-1.64e-005
633	+1.09e-006	+1.82e-006	-3.74e-006	-3.91e-004	+2.37e-005	-8.51e-009
634	+2.20e-005	+1.69e-004	-3.13e-005	-3.42e-004	+2.20e-005	-4.63e-006
635	+4.11e-005	+2.97e-004	-5.77e-005	-2.22e-004	+1.93e-005	-8.29e-006
636	+5.78e-005	+3.62e-004	-8.26e-005	-6.89e-005	+1.65e-005	-1.02e-005
637	+1.31e-004	+1.60e-004	-1.43e-004	+2.74e-004	+3.81e-006	+1.82e-006
638	+1.48e-004	+1.58e-004	-1.40e-004	+2.54e-004	+2.71e-006	-1.50e-005
639	+1.51e-004	+2.32e-005	-1.58e-004	+2.62e-004	-4.05e-006	-1.24e-006
640	+1.36e-004	+1.76e-005	-1.61e-004	+2.72e-004	-8.89e-007	+2.38e-005
641	+1.49e-004	-1.04e-004	-1.72e-004	+2.38e-004	-8.22e-006	+5.14e-006
642	+1.36e-004	-1.11e-004	-1.75e-004	+2.36e-004	-3.72e-006	+2.34e-005
643	+9.10e-005	+1.76e-004	-1.45e-004	+2.84e-004	+7.68e-006	-4.21e-006
644	+9.72e-005	+2.71e-005	-1.63e-004	+2.87e-004	+4.99e-006	+3.13e-007
645	-3.71e-004	+1.73e-004	-9.39e-005	-1.37e-004	-3.58e-004	-2.63e-004
646	-5.13e-004	+2.25e-004	-1.37e-004	-9.23e-005	-2.74e-004	-3.90e-004
647	+1.80e-004	+2.26e-004	-1.07e-004	+1.71e-004	+2.39e-005	-3.38e-005
648	-6.21e-004	+2.48e-004	-1.76e-004	-5.14e-005	-1.90e-004	-5.12e-004
649	-6.98e-004	+2.44e-004	-2.11e-004	-1.26e-005	-1.23e-004	-6.34e-004
650	-4.17e-007	+7.43e-007	-5.23e-006	-2.29e-004	-5.98e-004	-1.43e-006
651	-2.62e-004	+1.04e-004	-4.78e-005	-2.12e-004	-5.67e-004	-1.61e-004
652	-5.01e-004	+1.91e-004	-9.32e-005	-1.75e-004	-4.95e-004	-3.19e-004
653	-7.05e-004	+2.57e-004	-1.41e-004	-1.33e-004	-4.06e-004	-4.74e-004
654	-8.69e-004	+3.01e-004	-1.84e-004	-8.86e-005	-3.20e-004	-6.24e-004
655	-1.00e-003	+3.21e-004	-2.21e-004	-4.92e-005	-2.52e-004	-7.71e-004
656	+4.36e-003	+7.45e-004	+8.20e-006	-4.06e-003	+6.36e-004	+1.12e-003
657	-7.37e-007	+7.52e-007	-6.48e-006	-2.82e-004	-7.57e-004	-1.67e-006
658	-3.36e-004	+1.18e-004	-5.49e-005	-2.60e-004	-7.27e-004	-1.78e-004
659	-6.50e-004	+2.16e-004	-1.08e-004	-2.25e-004	-6.51e-004	-3.54e-004
660	-9.23e-004	+3.01e-004	-1.56e-004	-1.92e-004	-5.55e-004	-5.25e-004
661	-1.15e-003	+3.69e-004	-1.97e-004	-1.53e-004	-4.61e-004	-6.91e-004
662	-1.34e-003	+4.20e-004	-2.29e-004	-1.21e-004	-3.83e-004	-8.49e-004
663	-4.20e-004	+1.25e-004	-9.03e-005	-2.69e-004	-9.14e-004	-1.91e-004
664	-8.10e-004	+2.45e-004	-1.44e-004	-2.56e-004	-8.28e-004	-3.80e-004
665	-1.16e-003	+3.55e-004	-1.85e-004	-2.28e-004	-7.22e-004	-5.61e-004
666	-1.46e-003	+4.50e-004	-2.16e-004	-1.94e-004	-6.18e-004	-7.32e-004
667	-1.71e-003	+5.31e-004	-2.40e-004	-1.63e-004	-5.27e-004	-8.90e-004
668	-1.27e-006	+3.25e-006	-5.74e-006	-1.19e-004	-1.17e-003	-1.52e-006
669	-5.17e-004	+1.08e-004	-4.38e-005	-1.75e-004	-1.13e-003	-2.00e-004
670	-1.00e-003	+2.28e-004	-8.61e-005	-2.00e-004	-1.04e-003	-3.95e-004
671	-9.00e-007	+1.81e-006	-3.83e-006	-3.95e-004	-1.97e-005	-8.03e-009
672	-7.71e-007	+1.81e-006	-3.88e-006	-3.98e-004	-1.69e-005	-3.88e-009
673	-1.57e-005	+1.72e-004	-3.22e-005	-3.48e-004	-1.59e-005	+2.05e-006
674	-1.83e-005	+1.71e-004	-3.19e-005	-3.46e-004	-1.84e-005	+2.94e-006
675	-3.97e-005	+2.97e-004	-5.78e-005	-2.23e-004	-1.87e-005	+7.78e-006
676	-4.60e-005	+2.93e-004	-5.69e-005	-2.20e-004	-2.12e-005	+1.14e-005
677	-2.96e-005	+3.02e-004	-5.89e-005	-2.26e-004	-1.44e-005	+3.66e-006
678	-3.43e-005	+3.00e-004	-5.85e-005	-2.25e-004	-1.64e-005	+5.16e-006
679	-1.01e-004	+3.26e-004	-7.69e-005	-6.14e-005	-2.78e-005	+3.38e-005
680	-8.65e-005	+3.40e-004	-7.89e-005	-6.37e-005	-2.16e-005	+2.56e-005
681	-1.05e-004	+3.35e-004	-1.02e-004	+8.20e-005	-1.53e-005	+2.41e-005
682	-1.22e-004	+3.22e-004	-1.00e-004	+7.67e-005	-1.86e-005	+3.34e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
683	-1.54e-004	+2.47e-004	-1.17e-004	+1.82e-004	+2.00e-006	+3.66e-005
684	-1.75e-004	+2.30e-004	-1.08e-004	+1.74e-004	-2.31e-005	+3.19e-005
685	-1.19e-004	+2.70e-004	-1.24e-004	+2.03e-004	-9.24e-006	+1.52e-005
686	-1.36e-004	+2.61e-004	-1.21e-004	+1.90e-004	-1.02e-005	+2.62e-005
687	-4.84e-005	+3.67e-004	-8.33e-005	-6.92e-005	-1.42e-005	+5.96e-006
688	-4.20e-005	+3.69e-004	-8.37e-005	-6.90e-005	-1.27e-005	+4.51e-006
689	-5.26e-005	+3.64e-004	-1.06e-004	+9.12e-005	-1.08e-005	+4.41e-006
690	-6.05e-005	+3.62e-004	-1.06e-004	+8.87e-005	-1.19e-005	+4.47e-006
691	-8.01e-005	+2.91e-004	-1.27e-004	+2.12e-004	-1.02e-005	+7.31e-006
692	-9.13e-005	+2.85e-004	-1.26e-004	+2.13e-004	-1.04e-005	+1.65e-005
693	-6.15e-005	+2.92e-004	-1.27e-004	+2.26e-004	-9.05e-006	+3.41e-006
694	-7.02e-005	+2.92e-004	-1.27e-004	+2.19e-004	-9.69e-006	-7.40e-007
695	-1.43e-006	+1.80e-006	-3.54e-006	-3.78e-004	-3.13e-005	+7.22e-008
696	-2.88e-005	+1.63e-004	-2.99e-005	-3.31e-004	-2.86e-005	+8.72e-006
697	-5.35e-005	+2.87e-004	-5.57e-005	-2.15e-004	-2.45e-005	+1.56e-005
698	-7.46e-005	+3.50e-004	-8.06e-005	-6.53e-005	-2.00e-005	+1.94e-005
699	-7.77e-005	+1.74e-004	-1.45e-004	+2.97e-004	-7.47e-006	-1.26e-005
700	-6.84e-005	+1.70e-004	-1.45e-004	+3.08e-004	-7.26e-006	+1.74e-006
701	-7.42e-005	+8.60e-006	-1.62e-004	+2.96e-004	-5.44e-006	-5.60e-007
702	-8.37e-005	+1.99e-005	-1.62e-004	+2.92e-004	-5.31e-006	-2.80e-005
703	-7.81e-005	-1.25e-004	-1.75e-004	+2.46e-004	-4.48e-006	-2.87e-006
704	-8.73e-005	-1.18e-004	-1.76e-004	+2.50e-004	-4.08e-006	-2.41e-005
705	-1.13e-004	+1.62e-004	-1.45e-004	+2.93e-004	-6.06e-006	+9.49e-006
706	-1.18e-004	+8.37e-006	-1.63e-004	+2.82e-004	-2.13e-006	+2.53e-006
707	-1.44e-003	+3.42e-004	-1.23e-004	-1.97e-004	-9.19e-004	-5.80e-004
708	-1.82e-003	+4.46e-004	-1.52e-004	-1.89e-004	-7.98e-004	-7.50e-004
709	-2.15e-003	+5.36e-004	-1.76e-004	-1.77e-004	-6.89e-004	-9.05e-004
710	-1.40e-006	+2.92e-006	-2.66e-006	-1.54e-004	-1.39e-003	-6.93e-008
711	-6.15e-004	+1.03e-004	-2.35e-005	-1.74e-004	-1.35e-003	-2.02e-004
712	-1.19e-003	+2.19e-004	-4.64e-005	-2.06e-004	-1.24e-003	-3.97e-004
713	-1.72e-003	+3.38e-004	-6.96e-005	-2.13e-004	-1.11e-003	-5.81e-004
714	-2.18e-003	+4.48e-004	-9.15e-005	-2.05e-004	-9.73e-004	-7.48e-004
715	-2.59e-003	+5.46e-004	-1.11e-004	-1.91e-004	-8.44e-004	-8.97e-004
716	-1.75e-006	+2.23e-006	+7.06e-007	-1.46e-004	-1.62e-003	-3.65e-006
717	-8.19e-004	+1.09e-004	+5.10e-005	-2.35e-004	-1.79e-003	-2.24e-004
718	-7.15e-004	+1.00e-004	-1.31e-006	-2.00e-004	-1.57e-003	-2.07e-004
719	-1.59e-003	+2.30e-004	+6.82e-005	-2.63e-004	-1.66e-003	-4.28e-004
720	-1.39e-003	+2.21e-004	-3.44e-006	-2.34e-004	-1.45e-003	-4.03e-004
721	-2.29e-003	+3.54e-004	+6.65e-005	-2.60e-004	-1.49e-003	-6.14e-004
722	-2.00e-003	+3.43e-004	-1.22e-005	-2.35e-004	-1.30e-003	-5.85e-004
723	-2.92e-003	+4.71e-004	+5.31e-005	-2.44e-004	-1.31e-003	-7.78e-004
724	-2.55e-003	+4.57e-004	-2.63e-005	-2.26e-004	-1.14e-003	-7.49e-004
725	-3.46e-003	+5.77e-004	+3.33e-005	-2.21e-004	-1.13e-003	-9.17e-004
726	-3.02e-003	+5.60e-004	-4.29e-005	-2.08e-004	-9.92e-004	-8.93e-004
727	-5.04e-003	+1.05e-003	-1.10e-004	-1.53e-004	-5.19e-004	-1.44e-003
728	-4.32e-003	+1.01e-003	-1.71e-004	-1.48e-004	-4.61e-004	-1.50e-003
729	-3.58e-003	+9.73e-004	-2.31e-004	-1.35e-004	-3.84e-004	-1.56e-003
730	-2.16e-003	+6.98e-004	-2.89e-004	-8.03e-005	-2.13e-004	-1.53e-003
731	-1.55e-003	+4.81e-004	-2.92e-004	-5.24e-005	-1.31e-004	-1.40e-003
732	-1.01e-003	+2.91e-004	-2.97e-004	-2.73e-005	-5.26e-005	-1.19e-003
733	-3.79e-004	-1.51e-004	-2.87e-004	+9.02e-005	+4.23e-005	-5.49e-004
734	-2.59e-004	-3.19e-004	-2.68e-004	+1.44e-004	+6.40e-005	-3.02e-004
735	-1.95e-004	-4.05e-004	-2.42e-004	+1.75e-004	+9.36e-005	-1.44e-004
736	-1.58e-004	-4.45e-004	-2.05e-004	+2.36e-004	+5.33e-005	-1.16e-006
737	-1.53e-004	-4.42e-004	-2.00e-004	+2.34e-004	+4.73e-005	+8.07e-006
738	-1.48e-004	-4.37e-004	-1.92e-004	+2.27e-004	+4.72e-005	+6.90e-006
739	-8.11e-005	-2.30e-004	-1.87e-004	+2.00e-004	-3.98e-006	-4.64e-006
740	-9.00e-005	-2.25e-004	-1.88e-004	+2.05e-004	-3.40e-006	-1.38e-005
741	-1.27e-004	-3.15e-004	-1.96e-004	+2.00e-004	+6.25e-006	-8.50e-007
742	-1.35e-004	-3.16e-004	-1.92e-004	+2.09e-004	+1.10e-005	+5.57e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
743	-1.36e-004	-4.24e-004	-1.90e-004	+2.16e-004	+1.70e-005	+1.85e-005
744	-1.23e-004	-4.12e-004	-2.00e-004	+2.00e-004	+6.27e-006	+6.55e-006
745	-1.30e-004	-4.17e-004	-1.96e-004	+2.08e-004	+1.11e-005	+1.37e-005
746	-8.31e-005	-3.25e-004	-1.95e-004	+1.92e-004	-3.22e-006	-5.76e-006
747	-9.16e-005	-3.21e-004	-1.97e-004	+1.94e-004	-2.71e-006	-9.02e-006
748	-1.01e-004	-4.11e-004	-2.02e-004	+1.93e-004	-1.67e-006	-5.04e-006
749	-1.09e-004	-4.10e-004	-2.02e-004	+1.93e-004	-2.71e-008	-8.99e-007
750	-8.47e-005	-4.18e-004	-1.99e-004	+1.93e-004	-3.05e-006	-6.62e-006
751	-9.29e-005	-4.14e-004	-2.01e-004	+1.93e-004	-2.61e-006	-7.71e-006
752	-1.19e-004	-1.19e-004	-1.77e-004	+2.35e-004	+3.66e-007	-2.43e-006
753	-1.19e-004	-2.21e-004	-1.89e-004	+1.97e-004	+1.97e-006	-3.62e-006
754	-1.08e-005	-2.33e-004	-1.80e-004	+2.19e-004	-8.75e-007	-2.27e-007
755	-1.68e-005	-2.35e-004	-1.80e-004	+2.13e-004	-1.35e-006	+8.09e-006
756	-4.42e-005	-3.32e-004	-1.89e-004	+2.00e-004	-2.43e-006	+9.32e-007
757	-5.15e-005	-3.32e-004	-1.90e-004	+1.96e-004	-2.78e-006	-2.62e-006
758	-6.05e-005	-4.25e-004	-1.95e-004	+1.97e-004	-2.80e-006	-5.66e-006
759	-4.55e-005	-4.28e-004	-1.93e-004	+1.98e-004	-2.15e-006	-1.49e-006
760	-5.29e-005	-4.27e-004	-1.94e-004	+1.97e-004	-2.49e-006	-3.52e-006
761	-1.14e-005	-3.34e-004	-1.87e-004	+2.04e-004	-6.32e-007	-3.71e-007
762	-1.76e-005	-3.35e-004	-1.87e-004	+2.01e-004	-9.75e-007	+2.37e-006
763	-2.47e-005	-4.31e-004	-1.91e-004	+1.99e-004	-1.14e-006	-1.21e-006
764	-3.14e-005	-4.30e-004	-1.92e-004	+1.99e-004	-1.46e-006	-2.95e-006
765	-1.17e-005	-4.31e-004	-1.91e-004	+2.01e-004	-5.37e-007	-5.21e-007
766	-1.81e-005	-4.32e-004	-1.91e-004	+2.00e-004	-8.30e-007	+4.58e-007
767	-3.34e-005	-1.17e-004	-1.70e-004	+2.65e-004	-2.84e-006	-4.68e-007
768	-3.56e-005	-2.32e-004	-1.81e-004	+2.18e-004	-2.76e-006	-9.89e-007
769	+5.17e-005	-2.35e-004	-1.83e-004	+2.04e-004	+3.76e-006	+1.83e-006
770	+4.45e-005	-2.34e-004	-1.82e-004	+2.11e-004	+3.35e-006	-7.05e-006
771	+1.95e-005	-3.35e-004	-1.87e-004	+2.01e-004	+1.05e-006	-2.29e-006
772	+1.32e-005	-3.34e-004	-1.87e-004	+2.04e-004	+7.02e-007	+4.40e-007
773	+7.25e-006	-4.32e-004	-1.90e-004	+2.00e-004	+3.02e-007	+1.62e-006
774	+2.01e-005	-4.31e-004	-1.91e-004	+2.00e-004	+8.84e-007	-3.44e-007
775	+1.36e-005	-4.31e-004	-1.91e-004	+2.01e-004	+5.87e-007	+6.19e-007
776	+5.39e-005	-3.32e-004	-1.90e-004	+1.96e-004	+2.89e-006	+2.86e-006
777	+4.65e-005	-3.32e-004	-1.90e-004	+1.99e-004	+2.53e-006	-7.40e-007
778	+4.05e-005	-4.29e-004	-1.93e-004	+2.00e-004	+1.87e-006	+2.38e-006
779	+3.35e-005	-4.30e-004	-1.92e-004	+1.99e-004	+1.53e-006	+3.12e-006
780	+5.53e-005	-4.27e-004	-1.94e-004	+1.96e-004	+2.57e-006	+3.86e-006
781	+4.78e-005	-4.28e-004	-1.93e-004	+1.98e-004	+2.22e-006	+1.75e-006
782	+2.31e-005	-1.29e-004	-1.69e-004	+2.53e-004	+2.00e-006	+2.87e-007
783	+2.48e-005	-2.38e-004	-1.80e-004	+2.07e-004	+1.95e-006	+6.02e-007
784	+1.45e-004	-2.12e-004	-1.84e-004	+2.13e-004	-1.06e-005	+2.74e-006
785	+1.34e-004	-2.15e-004	-1.88e-004	+2.03e-004	-5.49e-006	+1.17e-005
786	+9.49e-005	-3.19e-004	-1.97e-004	+1.93e-004	+2.81e-006	+9.73e-006
787	+8.62e-005	-3.23e-004	-1.96e-004	+1.91e-004	+3.33e-006	+6.35e-006
788	+7.94e-005	-4.19e-004	-1.98e-004	+1.94e-004	+3.25e-006	+5.45e-006
789	+9.62e-005	-4.12e-004	-2.01e-004	+1.92e-004	+2.70e-006	+8.62e-006
790	+8.78e-005	-4.16e-004	-2.00e-004	+1.92e-004	+3.15e-006	+7.40e-006
791	+1.40e-004	-3.12e-004	-1.93e-004	+2.07e-004	-1.14e-005	-4.66e-006
792	+1.31e-004	-3.12e-004	-1.96e-004	+1.98e-004	-6.41e-006	+1.78e-006
793	+1.20e-004	-4.07e-004	-2.02e-004	+1.93e-004	-2.62e-006	-1.08e-006
794	+1.13e-004	-4.07e-004	-2.03e-004	+1.92e-004	+4.31e-008	+1.99e-006
795	+1.34e-004	-4.12e-004	-1.96e-004	+2.06e-004	-1.14e-005	-1.27e-005
796	+1.27e-004	-4.08e-004	-2.00e-004	+1.98e-004	-6.43e-006	-5.45e-006
797	+1.01e-004	-1.10e-004	-1.77e-004	+2.52e-004	+3.37e-006	+4.05e-006
798	+1.03e-004	-2.19e-004	-1.90e-004	+2.08e-004	+2.41e-006	+6.03e-006
799	+1.52e-004	-4.31e-004	-1.91e-004	+2.25e-004	-4.74e-005	-6.04e-006
800	+1.57e-004	-4.36e-004	-1.98e-004	+2.32e-004	-4.81e-005	-7.69e-006
801	+1.63e-004	-4.39e-004	-2.03e-004	+2.35e-004	-5.38e-005	+8.71e-007
802	+2.00e-004	-4.00e-004	-2.36e-004	+1.75e-004	-9.51e-005	+1.42e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
803	+2.63e-004	-3.16e-004	-2.61e-004	+1.45e-004	-6.67e-005	+2.96e-004
804	+3.81e-004	-1.52e-004	-2.78e-004	+9.24e-005	-4.52e-005	+5.38e-004
805	+1.01e-003	+2.83e-004	-2.86e-004	-2.54e-005	+4.61e-005	+1.17e-003
806	+1.54e-003	+4.70e-004	-2.81e-004	-5.10e-005	+1.24e-004	+1.39e-003
807	+2.14e-003	+6.85e-004	-2.77e-004	-7.87e-005	+2.06e-004	+1.51e-003
808	+5.11e-003	+9.16e-004	-2.03e-005	-4.97e-004	+6.46e-004	+1.30e-003
809	+3.54e-003	+9.57e-004	-2.16e-004	-1.36e-004	+3.75e-004	+1.55e-003
810	+4.28e-003	+9.97e-004	-1.56e-004	-1.49e-004	+4.52e-004	+1.49e-003
811	+5.41e-003	+9.93e-004	-2.77e-005	-6.39e-005	+5.81e-004	+1.36e-003
812	+4.99e-003	+1.03e-003	-9.32e-005	-1.58e-004	+5.10e-004	+1.42e-003
813	-3.78e-008	+1.81e-006	-4.05e-006	-4.04e-004	-8.38e-007	-6.52e-009
814	-7.82e-007	+1.75e-004	-3.32e-005	-3.54e-004	-8.14e-007	-2.39e-008
815	-1.50e-006	+3.07e-004	-6.00e-005	-2.31e-004	-7.72e-007	-1.33e-007
816	-2.17e-006	+3.75e-004	-8.41e-005	-7.12e-005	-7.23e-007	-5.40e-007
817	-2.06e-005	+3.70e-004	-1.06e-004	+8.86e-005	-4.80e-006	+6.67e-007
818	-2.45e-005	+3.00e-004	-1.25e-004	+2.19e-004	-4.29e-006	+5.81e-007
819	-2.78e-006	+3.70e-004	-1.06e-004	+9.04e-005	-6.66e-007	-1.84e-006
820	-3.33e-006	+2.99e-004	-1.25e-004	+2.24e-004	-6.03e-007	-5.56e-006
821	-3.81e-006	+1.78e-004	-1.41e-004	+3.04e-004	-5.36e-007	-1.50e-005
822	-4.27e-006	+1.94e-005	-1.57e-004	+3.02e-004	-4.43e-007	-2.72e-005
823	-4.62e-006	-1.23e-004	-1.68e-004	+2.60e-004	-4.15e-007	-2.05e-005
824	+5.03e-007	+1.81e-006	-3.98e-006	-4.02e-004	+1.11e-005	+7.42e-009
825	+1.03e-005	+1.74e-004	-3.28e-005	-3.52e-004	+1.06e-005	-7.09e-007
826	+1.96e-005	+3.05e-004	-5.95e-005	-2.29e-004	+9.83e-006	-1.20e-006
827	+2.81e-005	+3.73e-004	-8.40e-005	-7.05e-005	+8.95e-006	-1.15e-006
828	+1.41e-005	+3.69e-004	-1.06e-004	+9.22e-005	+3.31e-006	-3.81e-007
829	+1.68e-005	+2.96e-004	-1.25e-004	+2.29e-004	+2.98e-006	-3.32e-007
830	+3.56e-005	+3.68e-004	-1.06e-004	+9.02e-005	+7.99e-006	+9.19e-008
831	+4.21e-005	+2.96e-004	-1.26e-004	+2.23e-004	+6.99e-006	+4.06e-006
832	+4.76e-005	+1.77e-004	-1.43e-004	+3.02e-004	+5.97e-006	+1.40e-005
833	+5.24e-005	+1.94e-005	-1.59e-004	+2.99e-004	+4.79e-006	+2.71e-005
834	+5.60e-005	-1.21e-004	-1.72e-004	+2.56e-004	+4.30e-006	+2.16e-005
835	+2.21e-006	+1.64e-006	-3.23e-006	-3.31e-004	+3.46e-005	-8.31e-007
836	+4.68e-005	+1.43e-004	-2.66e-005	-2.89e-004	+3.89e-005	-1.94e-005
837	+8.81e-005	+2.50e-004	-5.11e-005	-1.86e-004	+3.20e-005	-3.48e-005
838	+1.21e-004	+3.05e-004	-7.44e-005	-5.62e-005	+2.00e-005	-4.35e-005
839	+7.18e-005	+3.58e-004	-1.06e-004	+8.57e-005	+1.35e-005	-1.00e-005
840	+8.28e-005	+2.90e-004	-1.27e-004	+2.12e-004	+1.05e-005	-7.81e-006
841	+1.44e-004	+3.01e-004	-9.62e-005	+7.29e-005	+8.07e-006	-4.42e-005
842	+1.59e-004	+2.43e-004	-1.16e-004	+1.80e-004	-2.03e-006	-3.84e-005
843	+1.66e-004	+1.46e-004	-1.34e-004	+2.46e-004	-1.02e-005	-3.13e-005
844	+1.67e-004	+1.61e-005	-1.51e-004	+2.53e-004	-1.43e-005	-2.53e-005
845	+1.63e-004	-1.07e-004	-1.65e-004	+2.31e-004	-1.50e-005	-1.24e-005
846	-6.61e-007	+1.81e-006	-3.93e-006	-4.00e-004	-1.45e-005	+3.26e-009
847	-1.35e-005	+1.73e-004	-3.25e-005	-3.50e-004	-1.38e-005	+1.46e-006
848	-2.55e-005	+3.04e-004	-5.92e-005	-2.28e-004	-1.25e-005	+2.72e-006
849	-3.63e-005	+3.71e-004	-8.39e-005	-7.00e-005	-1.12e-005	+3.75e-006
850	-9.16e-005	+3.45e-004	-1.04e-004	+8.63e-005	-1.52e-005	+1.92e-005
851	-1.04e-004	+2.77e-004	-1.26e-004	+2.14e-004	-1.05e-005	+1.55e-005
852	-4.58e-005	+3.66e-004	-1.06e-004	+8.98e-005	-9.76e-006	+5.04e-006
853	-5.37e-005	+2.95e-004	-1.27e-004	+2.22e-004	-8.32e-006	+8.15e-006
854	-6.01e-005	+1.76e-004	-1.44e-004	+3.00e-004	-6.86e-006	+1.65e-005
855	-6.56e-005	+1.94e-005	-1.61e-004	+2.97e-004	-5.32e-006	+2.71e-005
856	-6.94e-005	-1.20e-004	-1.74e-004	+2.54e-004	-4.56e-006	+1.85e-005
857	-7.26e-005	-2.30e-004	-1.86e-004	+2.07e-004	-4.20e-006	+4.80e-006
858	-1.18e-004	-3.16e-004	-1.98e-004	+1.94e-004	+2.60e-006	-1.23e-006
859	-1.16e-004	-4.10e-004	-2.02e-004	+1.95e-004	+2.56e-006	+2.20e-006
860	-7.48e-005	-3.26e-004	-1.94e-004	+1.95e-004	-3.38e-006	-2.02e-006
861	-7.65e-005	-4.20e-004	-1.98e-004	+1.94e-004	-3.15e-006	-4.80e-006
862	-4.96e-006	-2.35e-004	-1.79e-004	+2.14e-004	-4.07e-007	-8.56e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl_Z	Rotaz.X	Rotaz.Y	Rotaz.Z
863	-3.73e-005	-3.32e-004	-1.89e-004	+2.03e-004	-2.06e-006	-1.57e-006
864	-3.83e-005	-4.29e-004	-1.92e-004	+2.00e-004	-1.80e-006	-2.17e-006
865	-5.20e-006	-3.35e-004	-1.87e-004	+2.02e-004	-2.97e-007	-3.14e-006
866	-5.36e-006	-4.32e-004	-1.90e-004	+2.00e-004	-2.54e-007	-1.53e-006
867	+5.92e-005	-2.32e-004	-1.84e-004	+2.10e-004	+4.10e-006	+1.08e-005
868	+2.60e-005	-3.35e-004	-1.88e-004	+1.99e-004	+1.41e-006	+9.70e-007
869	+2.67e-005	-4.31e-004	-1.91e-004	+1.99e-004	+1.20e-006	+1.35e-006
870	+6.15e-005	-3.29e-004	-1.92e-004	+1.97e-004	+3.20e-006	+6.59e-006
871	+6.31e-005	-4.24e-004	-1.96e-004	+1.96e-004	+2.89e-006	+6.09e-006
872	+1.57e-004	-2.13e-004	-1.77e-004	+2.14e-004	-1.52e-005	-5.73e-006
873	+1.04e-004	-3.15e-004	-1.98e-004	+1.95e-004	+1.77e-006	+6.30e-006
874	+1.04e-004	-4.09e-004	-2.02e-004	+1.92e-004	+1.73e-006	+6.06e-006
875	+1.49e-004	-3.16e-004	-1.86e-004	+2.13e-004	-1.70e-005	-9.62e-006
876	+1.41e-004	-4.19e-004	-1.90e-004	+2.14e-004	-1.75e-005	-1.75e-005

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-5.73e-003	+1.09e-003	-2.98e-004	+2.03e-002	+2.35e-003	-1.58e-003	+5.83e-003
Nodo	33	33	34	7	78	38	33

COMBINAZIONE DI CARICO: 4 - DESCRIZIONE: FREQUENTE

Nodo	Trasl.X	Trasl.Y	Trasl_Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-2.07e-006	+1.34e-006	-3.80e-006	-3.16e-004	-1.19e-004	+1.37e-006
2	-5.66e-007	+1.81e-006	-3.96e-006	-4.01e-004	-1.25e-005	-1.99e-009
3	+6.83e-009	+1.81e-006	-4.05e-006	-4.04e-004	+1.51e-007	-1.47e-011
4	+5.88e-007	+1.81e-006	-3.95e-006	-4.01e-004	+1.29e-005	+1.95e-009
5	+2.18e-006	+1.30e-006	-3.71e-006	-3.10e-004	+1.23e-004	-1.41e-006
6	-5.44e-006	+1.65e-006	+2.98e-006	-1.68e-004	-1.84e-003	-5.45e-006
7	+3.44e-003	+5.51e-004	+4.67e-005	+2.03e-002	+2.17e-003	+9.09e-004
8	+3.00e-003	+5.34e-004	-2.91e-005	+2.29e-003	+1.11e-003	+8.85e-004
9	-7.87e-007	+3.21e-006	-1.03e-005	-2.75e-004	-9.51e-004	-2.37e-006
10	+8.38e-007	+2.75e-006	-9.60e-006	-2.55e-004	+9.47e-004	+2.19e-006
11	+2.57e-003	+5.21e-004	-9.68e-005	-8.58e-004	+8.02e-004	+8.88e-004
12	+2.14e-003	+5.12e-004	-1.61e-004	-9.95e-006	+6.91e-004	+8.95e-004
13	-1.91e-006	+4.61e-007	-4.10e-006	-2.21e-004	-1.72e-004	+5.10e-007
14	-1.71e-004	-1.11e-004	-1.55e-004	+2.25e-004	+2.44e-005	-7.97e-006
15	-6.13e-005	-1.16e-004	-1.73e-004	+2.61e-004	-4.42e-006	-1.39e-006
16	+8.23e-007	-1.29e-004	-1.68e-004	+2.53e-004	+6.08e-008	+8.27e-009
17	+6.38e-005	-1.15e-004	-1.73e-004	+2.61e-004	+4.59e-006	+1.51e-006
18	+1.77e-004	-1.09e-004	-1.55e-004	+2.22e-004	-2.47e-005	+8.45e-006
19	+4.76e-003	+8.35e-004	-6.91e-006	+1.07e-003	+8.26e-004	+1.20e-003
20	-5.18e-004	+8.68e-005	-2.67e-004	-1.31e-004	+5.52e-005	-6.58e-004
21	+5.26e-004	+8.37e-005	-2.56e-004	-1.26e-004	-5.44e-005	+6.47e-004
22	+2.48e-004	-1.13e-004	-1.74e-004	+2.21e-004	-2.17e-005	-2.27e-005
23	-2.40e-004	-1.15e-004	-1.78e-004	+2.25e-004	+2.13e-005	+2.36e-005
24	+2.33e-003	+7.18e-004	-2.61e-004	-1.42e-004	+3.67e-004	+1.29e-003
25	-1.80e-004	+1.36e-004	-1.24e-004	+2.42e-004	-1.30e-005	+1.65e-005
26	-5.25e-005	+1.80e-004	-1.44e-004	+2.93e-004	-6.34e-006	+1.21e-006
27	-1.42e-004	-4.32e-004	-1.80e-004	+2.26e-004	+2.41e-005	+1.26e-005
28	-6.84e-005	-4.22e-004	-1.97e-004	+1.96e-004	-3.04e-006	-5.26e-006
29	+9.41e-007	-4.32e-004	-1.90e-004	+2.00e-004	+2.36e-008	+4.29e-008
30	+7.12e-005	-4.21e-004	-1.97e-004	+1.96e-004	+3.14e-006	+5.79e-006
31	+1.47e-004	-4.27e-004	-1.80e-004	+2.24e-004	-2.51e-005	-1.16e-005
32	+5.67e-003	+1.07e-003	-3.01e-005	-2.05e-004	+5.41e-004	+1.39e-003
33	-5.73e-003	+1.09e-003	-4.78e-005	-1.55e-004	-5.52e-004	-1.40e-003
34	-5.82e-004	+1.36e-004	-2.98e-004	+3.49e-005	+6.69e-006	-8.86e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
35	+5.81e-004	+1.30e-004	-2.87e-004	+3.66e-005	-1.29e-005	+8.73e-004
36	+1.70e-004	-4.34e-004	-2.03e-004	+2.30e-004	-5.90e-005	+4.54e-005
37	-1.65e-004	-4.39e-004	-2.07e-004	+2.32e-004	+5.64e-005	-4.64e-005
38	-2.81e-003	+9.29e-004	-2.85e-004	-1.25e-004	-2.92e-004	-1.58e-003
39	+2.78e-003	+9.13e-004	-2.71e-004	-1.25e-004	+2.84e-004	+1.56e-003
40	+6.81e-007	+1.73e-004	-1.41e-004	+3.14e-004	+8.59e-008	-6.65e-009
41	+5.46e-005	+1.80e-004	-1.44e-004	+2.93e-004	+6.59e-006	-1.31e-006
42	+1.86e-004	+1.34e-004	-1.23e-004	+2.38e-004	+1.34e-005	-1.76e-005
43	+3.90e-003	+6.46e-004	+2.80e-005	+1.41e-002	+1.70e-003	+1.02e-003
44	-4.89e-004	+1.41e-004	-2.18e-004	+2.06e-004	-8.10e-005	-4.98e-004
45	+4.98e-004	+1.31e-004	-2.07e-004	+1.90e-004	+7.87e-005	+4.88e-004
46	+2.68e-004	+7.28e-005	-1.35e-004	+1.39e-004	-7.60e-006	-5.36e-005
47	-2.59e-004	+7.73e-005	-1.40e-004	+1.48e-004	+7.09e-006	+5.36e-005
48	+1.92e-003	+5.76e-004	-2.42e-004	-1.41e-004	+4.54e-004	+1.02e-003
49	-1.93e-003	+5.99e-004	-2.57e-004	-1.36e-004	-4.59e-004	-1.03e-003
50	-2.35e-003	+7.36e-004	-2.76e-004	-1.39e-004	-3.73e-004	-1.31e-003
51	-3.93e-003	+6.71e-004	+1.21e-005	-1.99e-004	-9.79e-004	-1.03e-003
52	-4.80e-003	+8.56e-004	-2.45e-005	-1.70e-004	-7.73e-004	-1.21e-003
53	-4.83e-007	+1.81e-006	-3.98e-006	-4.02e-004	-1.06e-005	-7.47e-009
54	-9.91e-006	+1.74e-004	-3.28e-005	-3.52e-004	-1.02e-005	+6.54e-007
55	-1.16e-005	+1.73e-004	-3.27e-005	-3.51e-004	-1.19e-005	+9.89e-007
56	-4.56e-005	+1.77e-004	-1.43e-004	+3.02e-004	-5.73e-006	-1.41e-005
57	-5.03e-005	+1.94e-005	-1.59e-004	+2.99e-004	-4.61e-006	-2.71e-005
58	-5.77e-005	+2.63e-005	-1.60e-004	+2.96e-004	-5.02e-006	+5.97e-008
59	+5.16e-008	+1.81e-006	-4.05e-006	-4.04e-004	+1.14e-006	+6.49e-009
60	+1.06e-006	+1.75e-004	-3.32e-005	-3.54e-004	+1.10e-006	+1.46e-008
61	+1.40e-007	+1.75e-004	-3.32e-005	-3.54e-004	+1.44e-007	-4.51e-009
62	+5.18e-006	+1.78e-004	-1.41e-004	+3.04e-004	+7.09e-007	+1.49e-005
63	+5.80e-006	+1.94e-005	-1.57e-004	+3.02e-004	+5.76e-007	+2.72e-005
64	+7.62e-007	+8.52e-006	-1.56e-004	+3.03e-004	+6.64e-008	-1.63e-010
65	+6.86e-007	+1.81e-006	-3.92e-006	-3.99e-004	+1.51e-005	-3.29e-009
66	+1.40e-005	+1.73e-004	-3.24e-005	-3.50e-004	+1.43e-005	-1.56e-006
67	+1.20e-005	+1.73e-004	-3.26e-005	-3.51e-004	+1.23e-005	-1.06e-006
68	+6.24e-005	+1.75e-004	-1.44e-004	+3.00e-004	+7.12e-006	-1.66e-005
69	+6.81e-005	+1.94e-005	-1.61e-004	+2.96e-004	+5.52e-006	-2.71e-005
70	+6.00e-005	+2.63e-005	-1.60e-004	+2.96e-004	+5.21e-006	-6.31e-008
71	+2.17e-006	+2.61e-007	-3.72e-006	-2.09e-004	+1.80e-004	-6.74e-007
72	+2.40e-007	+4.41e-007	-7.83e-006	-1.96e-004	+3.34e-004	+7.41e-007
73	+5.62e-005	+1.34e-004	-3.25e-005	-2.70e-004	+1.12e-004	-2.08e-005
74	+2.05e-004	+1.25e-004	-1.31e-004	+2.05e-004	-3.19e-005	-3.73e-006
75	+2.02e-004	+9.93e-006	-1.50e-004	+2.23e-004	-3.98e-005	+2.57e-005
76	+1.87e-004	+5.85e-006	-1.40e-004	+2.43e-004	-7.80e-006	-2.20e-006
77	-1.85e-008	+8.36e-007	-8.46e-006	-2.14e-004	-3.29e-004	-1.03e-006
78	+5.41e-006	+1.50e-006	+2.94e-006	+1.01e-002	+2.35e-003	+5.40e-006
79	+2.90e-003	+4.47e-004	+6.29e-005	-5.44e-003	+1.03e-003	+7.71e-004
80	+2.85e-004	+3.30e-005	-1.53e-004	+1.17e-004	-4.29e-005	-3.96e-005
81	+2.80e-004	-4.70e-005	-1.81e-004	+1.38e-004	-6.12e-005	-3.66e-005
82	+2.55e-004	-5.06e-006	-1.57e-004	+1.84e-004	-2.00e-005	-3.64e-005
83	+7.64e-004	+1.98e-004	-2.30e-004	+2.23e-006	+9.58e-005	+7.41e-004
84	+8.23e-004	+1.70e-004	-2.42e-004	-1.77e-005	+9.02e-005	+8.48e-004
85	+5.51e-004	+2.30e-005	-2.33e-004	+5.32e-005	+2.86e-005	+4.97e-004
86	+2.42e-003	+5.91e-004	-1.79e-004	-1.02e-004	+5.97e-004	+1.03e-003
87	+2.70e-003	+6.73e-004	-1.93e-004	-1.73e-004	+5.22e-004	+1.16e-003
88	+2.13e-003	+6.49e-004	-2.55e-004	-1.40e-004	+3.99e-004	+1.16e-003
89	+2.53e-003	+4.33e-004	-1.44e-005	-8.28e-004	+1.10e-003	+7.43e-004
90	+2.17e-003	+4.24e-004	-7.84e-005	-3.90e-005	+9.73e-004	+7.41e-004
91	+1.81e-003	+4.22e-004	-1.39e-004	-2.27e-004	+7.89e-004	+7.42e-004
92	+2.28e-003	+3.33e-004	+7.22e-005	-3.37e-005	+1.49e-003	+6.09e-004
93	+1.99e-003	+3.22e-004	-2.89e-006	-9.42e-005	+1.30e-003	+5.80e-004
94	+1.71e-003	+3.17e-004	-5.86e-005	-2.41e-004	+1.10e-003	+5.75e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
95	-2.13e-006	+1.65e-006	-3.29e-006	-3.36e-004	-3.33e-005	+7.66e-007
96	-4.53e-005	+1.45e-004	-2.70e-005	-2.92e-004	-3.81e-005	+1.83e-005
97	-5.43e-005	+1.36e-004	-3.32e-005	-2.75e-004	-1.09e-004	+1.95e-005
98	-1.61e-004	+1.48e-004	-1.34e-004	+2.50e-004	+1.00e-005	+3.03e-005
99	-1.62e-004	+1.62e-005	-1.52e-004	+2.57e-004	+1.40e-005	+2.54e-005
100	-1.82e-004	+5.96e-006	-1.41e-004	+2.48e-004	+7.72e-006	+2.01e-006
101	-2.38e-004	+1.03e-004	-1.41e-004	+1.60e-004	+2.35e-005	+3.88e-005
102	-2.33e-004	+9.01e-006	-1.61e-004	+2.00e-004	+3.71e-005	+1.23e-005
103	-2.47e-004	-4.86e-006	-1.61e-004	+1.91e-004	+1.94e-005	+3.74e-005
104	+1.43e-003	+3.22e-004	-1.11e-004	-1.84e-004	+9.12e-004	+5.74e-004
105	+1.58e-003	+2.16e-004	+7.00e-005	+3.91e-003	+1.86e-003	+4.25e-004
106	+1.38e-003	+2.06e-004	+3.11e-006	+2.09e-004	+1.46e-003	+4.00e-004
107	+1.19e-003	+2.04e-004	-3.83e-005	-3.13e-004	+1.23e-003	+3.93e-004
108	+9.95e-004	+2.13e-004	-7.73e-005	-1.65e-004	+1.03e-003	+3.91e-004
109	+8.13e-004	+1.02e-004	+5.04e-005	-1.72e-002	+9.02e-004	+2.22e-004
110	-3.74e-004	+2.28e-005	-1.94e-004	+1.42e-004	+4.88e-005	-1.85e-004
111	-3.77e-004	-5.92e-005	-2.30e-004	+9.27e-005	+3.36e-005	-1.88e-004
112	-5.44e-004	+2.42e-005	-2.44e-004	+6.02e-005	-3.02e-005	-5.02e-004
113	+1.76e-006	+1.91e-006	+1.08e-006	-2.83e-003	+1.47e-003	+3.62e-006
114	+7.10e-004	+9.28e-005	+2.40e-006	-1.75e-003	+1.48e-003	+2.06e-004
115	+1.42e-006	+2.50e-006	-2.08e-006	+5.74e-004	+1.42e-003	+9.43e-008
116	-1.51e-003	+4.58e-004	-2.52e-004	-1.04e-004	-3.27e-004	-9.95e-004
117	-1.67e-003	+4.98e-004	-2.66e-004	-9.56e-005	-2.94e-004	-1.14e-003
118	-2.15e-003	+6.69e-004	-2.70e-004	-1.36e-004	-4.04e-004	-1.18e-003
119	+6.12e-004	+9.46e-005	-1.89e-005	+2.52e-004	+1.36e-003	+2.00e-004
120	+1.29e-006	+2.79e-006	-5.09e-006	-2.91e-004	+1.16e-003	+1.52e-006
121	+5.14e-004	+9.95e-005	-3.88e-005	-2.72e-004	+1.12e-003	+1.98e-004
122	-3.44e-003	+6.51e-004	-5.97e-005	-1.90e-004	-8.62e-004	-1.02e-003
123	-3.85e-003	+7.44e-004	-7.64e-005	-1.75e-004	-7.52e-004	-1.13e-003
124	-4.40e-003	+7.68e-004	-8.99e-006	-1.81e-004	-8.44e-004	-1.13e-003
125	-4.21e-003	+8.29e-004	-8.89e-005	-1.66e-004	-6.91e-004	-1.22e-003
126	-4.52e-003	+9.05e-004	-1.01e-004	-1.56e-004	-5.92e-004	-1.31e-003
127	-5.16e-003	+9.35e-004	-3.81e-005	-1.61e-004	-6.72e-004	-1.31e-003
128	-1.81e-003	+5.45e-004	-2.74e-004	-9.89e-005	-2.73e-004	-1.27e-003
129	-1.94e-003	+5.99e-004	-2.81e-004	-9.89e-005	-2.57e-004	-1.37e-003
130	-2.51e-003	+8.06e-004	-2.81e-004	-1.52e-004	-3.25e-004	-1.41e-003
131	-3.76e-004	-9.13e-005	-2.61e-004	+4.13e-005	+5.51e-006	-2.83e-004
132	-3.74e-004	-9.86e-005	-2.73e-004	+1.14e-005	-1.08e-006	-3.87e-004
133	-5.39e-004	+1.19e-004	-2.85e-004	-5.54e-005	-7.06e-005	-7.34e-004
134	-2.21e-004	-1.02e-004	-1.76e-004	+2.23e-004	+4.56e-005	+7.13e-006
135	-2.04e-004	-2.17e-004	-1.92e-004	+2.39e-004	+5.07e-005	+8.63e-006
136	-2.18e-004	-2.23e-004	-1.93e-004	+2.28e-004	+5.28e-005	+5.66e-007
137	-1.58e-004	-1.08e-004	-1.65e-004	+2.34e-004	+1.46e-005	+1.30e-005
138	-1.52e-004	-2.16e-004	-1.77e-004	+2.16e-004	+1.48e-005	+6.51e-006
139	-1.64e-004	-2.17e-004	-1.68e-004	+2.17e-004	+2.35e-005	-5.51e-006
140	-5.37e-005	-1.21e-004	-1.72e-004	+2.57e-004	-4.13e-006	-2.15e-005
141	-5.68e-005	-2.32e-004	-1.84e-004	+2.10e-004	-3.94e-006	-1.06e-005
142	-6.45e-005	-2.29e-004	-1.85e-004	+2.14e-004	-4.16e-006	-2.83e-006
143	+6.27e-006	-1.23e-004	-1.68e-004	+2.60e-004	+5.38e-007	+2.05e-005
144	+6.73e-006	-2.35e-004	-1.79e-004	+2.14e-004	+5.25e-007	+8.60e-006
145	+8.82e-007	-2.38e-004	-1.79e-004	+2.08e-004	+5.86e-008	+1.81e-008
146	+7.21e-005	-1.20e-004	-1.74e-004	+2.53e-004	+4.73e-006	-1.84e-005
147	+7.53e-005	-2.29e-004	-1.86e-004	+2.07e-004	+4.35e-006	-4.47e-006
148	+6.71e-005	-2.28e-004	-1.85e-004	+2.14e-004	+4.32e-006	+3.08e-006
149	+1.93e-004	-1.04e-004	-1.64e-004	+2.16e-004	-4.02e-005	+2.98e-005
150	+1.82e-004	-2.12e-004	-1.77e-004	+2.20e-004	-4.19e-005	+1.75e-005
151	+1.69e-004	-2.14e-004	-1.67e-004	+2.15e-004	-2.43e-005	+6.37e-006
152	+2.66e-004	-1.34e-004	-2.04e-004	+1.52e-004	-7.34e-005	-4.26e-006
153	+2.49e-004	-2.22e-004	-2.21e-004	+1.59e-004	-8.00e-005	+4.81e-005
154	+2.25e-004	-2.19e-004	-1.89e-004	+2.25e-004	-5.47e-005	-1.06e-008

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
155	+8.66e-004	+1.91e-004	-2.46e-004	-3.81e-005	+8.24e-005	+9.60e-004
156	+9.14e-004	+2.35e-004	-2.67e-004	-6.05e-005	+1.27e-004	+1.03e-003
157	+5.45e-004	+1.15e-004	-2.74e-004	-5.33e-005	+6.37e-005	+7.23e-004
158	+2.96e-003	+7.51e-004	-2.02e-004	-1.44e-004	+4.83e-004	+1.28e-003
159	+3.17e-003	+8.22e-004	-2.09e-004	-1.41e-004	+4.12e-004	+1.38e-003
160	+2.49e-003	+7.89e-004	-2.66e-004	-1.54e-004	+3.18e-004	+1.39e-003
161	-2.29e-007	+1.81e-006	-4.04e-006	-4.04e-004	-5.07e-006	-6.35e-009
162	-1.78e-007	+1.81e-006	-4.04e-006	-4.04e-004	-3.94e-006	+2.14e-010
163	-3.67e-006	+1.74e-004	-3.32e-005	-3.54e-004	-3.81e-006	+1.37e-007
164	-4.72e-006	+1.74e-004	-3.32e-005	-3.54e-004	-4.90e-006	+1.44e-007
165	-3.14e-005	+3.72e-004	-8.40e-005	-7.09e-005	-9.85e-006	+2.24e-006
166	-2.69e-005	+3.73e-004	-8.41e-005	-7.05e-005	-8.59e-006	+1.02e-006
167	-3.42e-005	+3.68e-004	-1.06e-004	+9.02e-005	-7.67e-006	-2.28e-007
168	-3.97e-005	+3.68e-004	-1.06e-004	+8.83e-005	-8.70e-006	+2.28e-006
169	-1.30e-005	+3.75e-004	-8.41e-005	-7.11e-005	-4.29e-006	-1.42e-007
170	-1.01e-005	+3.75e-004	-8.41e-005	-7.05e-005	-3.35e-006	+3.25e-007
171	-1.30e-005	+3.69e-004	-1.06e-004	+9.22e-005	-3.07e-006	+3.44e-007
172	-1.67e-005	+3.70e-004	-1.06e-004	+9.04e-005	-3.92e-006	-1.42e-006
173	-4.09e-007	+1.81e-006	-4.00e-006	-4.02e-004	-9.03e-006	-2.30e-010
174	-3.43e-007	+1.81e-006	-4.02e-006	-4.03e-004	-7.59e-006	+6.68e-009
175	-7.07e-006	+1.74e-004	-3.30e-005	-3.53e-004	-7.31e-006	+4.16e-007
176	-8.41e-006	+1.74e-004	-3.30e-005	-3.53e-004	-8.68e-006	+5.06e-007
177	-1.88e-005	+3.05e-004	-5.96e-005	-2.29e-004	-9.43e-006	+1.10e-006
178	-2.19e-005	+3.05e-004	-5.94e-005	-2.29e-004	-1.09e-005	+1.79e-006
179	-1.35e-005	+3.06e-004	-5.98e-005	-2.30e-004	-6.84e-006	+8.51e-007
180	-1.60e-005	+3.06e-004	-5.97e-005	-2.29e-004	-8.08e-006	+9.24e-007
181	-2.27e-005	+1.78e-004	-1.42e-004	+3.04e-004	-3.09e-006	-1.47e-005
182	-1.77e-005	+1.73e-004	-1.41e-004	+3.14e-004	-2.44e-006	+1.90e-007
183	-1.98e-005	+8.53e-006	-1.57e-004	+3.03e-004	-2.00e-006	-7.12e-009
184	-2.53e-005	+1.94e-005	-1.57e-004	+3.01e-004	-2.53e-006	-2.72e-005
185	-2.14e-005	-1.29e-004	-1.69e-004	+2.53e-004	-1.86e-006	-2.59e-007
186	-2.73e-005	-1.23e-004	-1.69e-004	+2.59e-004	-2.35e-006	-2.08e-005
187	-3.93e-005	+1.73e-004	-1.43e-004	+3.12e-004	-5.09e-006	+6.97e-007
188	-3.34e-005	+1.77e-004	-1.42e-004	+3.03e-004	-4.42e-006	+1.55e-005
189	-3.70e-005	+1.94e-005	-1.58e-004	+3.00e-004	-3.61e-006	+2.72e-005
190	-4.35e-005	+8.53e-006	-1.59e-004	+3.01e-004	-4.13e-006	+3.83e-008
191	+2.45e-007	+1.81e-006	-4.03e-006	-4.03e-004	+5.41e-006	+6.30e-009
192	+3.00e-007	+1.81e-006	-4.02e-006	-4.03e-004	+6.64e-006	-2.67e-010
193	+6.19e-006	+1.74e-004	-3.31e-005	-3.53e-004	+6.40e-006	-2.91e-007
194	+5.04e-006	+1.74e-004	-3.31e-005	-3.53e-004	+5.23e-006	-1.62e-007
195	+3.88e-007	+3.75e-004	-8.41e-005	-7.06e-005	+1.24e-007	-1.08e-008
196	+2.95e-006	+3.75e-004	-8.41e-005	-7.12e-005	+9.73e-007	+5.17e-007
197	+3.78e-006	+3.70e-004	-1.06e-004	+9.04e-005	+8.92e-007	+1.82e-006
198	+4.97e-007	+3.70e-004	-1.06e-004	+9.22e-005	+1.12e-007	-1.15e-008
199	+1.39e-005	+3.75e-004	-8.41e-005	-7.10e-005	+4.57e-006	+9.70e-008
200	+1.70e-005	+3.75e-004	-8.41e-005	-7.16e-005	+5.57e-006	-6.90e-007
201	+2.17e-005	+3.70e-004	-1.06e-004	+8.86e-005	+5.06e-006	-7.28e-007
202	+1.78e-005	+3.70e-004	-1.06e-004	+9.04e-005	+4.17e-006	+1.38e-006
203	+9.70e-008	+1.81e-006	-4.05e-006	-4.04e-004	+2.15e-006	-1.55e-010
204	+1.44e-007	+1.81e-006	-4.05e-006	-4.04e-004	+3.18e-006	-6.79e-009
205	+2.97e-006	+1.74e-004	-3.32e-005	-3.54e-004	+3.08e-006	-1.54e-007
206	+2.00e-006	+1.75e-004	-3.32e-005	-3.54e-004	+2.08e-006	-6.68e-008
207	+2.04e-006	+3.07e-004	-5.99e-005	-2.30e-004	+1.04e-006	+1.15e-007
208	+2.68e-007	+3.07e-004	-6.00e-005	-2.30e-004	+1.35e-007	-8.33e-009
209	+5.67e-006	+3.07e-004	-5.99e-005	-2.30e-004	+2.91e-006	-3.71e-007
210	+3.83e-006	+3.07e-004	-5.99e-005	-2.31e-004	+1.96e-006	-1.23e-007
211	+2.42e-005	+1.78e-004	-1.42e-004	+3.04e-004	+3.29e-006	+1.47e-005
212	+2.95e-005	+1.82e-004	-1.42e-004	+2.95e-004	+3.96e-006	-4.08e-007
213	+3.28e-005	+2.64e-005	-1.58e-004	+2.99e-004	+3.23e-006	-4.20e-009
214	+2.70e-005	+1.94e-005	-1.57e-004	+3.01e-004	+2.69e-006	+2.72e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
215	+3.53e-005	-1.17e-004	-1.70e-004	+2.64e-004	+2.98e-006	+5.11e-007
216	+2.91e-005	-1.23e-004	-1.69e-004	+2.59e-004	+2.49e-006	+2.09e-005
217	+9.73e-006	+1.82e-004	-1.41e-004	+2.96e-004	+1.34e-006	-9.86e-008
218	+1.44e-005	+1.78e-004	-1.41e-004	+3.04e-004	+1.97e-006	-1.51e-005
219	+1.61e-005	+1.94e-005	-1.57e-004	+3.02e-004	+1.61e-006	-2.72e-005
220	+1.09e-005	+2.63e-005	-1.57e-004	+3.00e-004	+1.09e-006	-3.40e-009
221	+1.27e-006	+1.81e-006	-3.64e-006	-3.85e-004	+2.75e-005	-3.79e-008
222	+1.48e-006	+1.80e-006	-3.51e-006	-3.76e-004	+3.24e-005	-7.66e-008
223	+2.97e-005	+1.63e-004	-2.98e-005	-3.29e-004	+2.95e-005	-9.25e-006
224	+2.55e-005	+1.66e-004	-3.06e-005	-3.37e-004	+2.53e-005	-6.68e-006
225	+3.26e-005	+3.72e-004	-8.39e-005	-7.08e-005	+1.02e-005	-2.42e-006
226	+3.77e-005	+3.71e-004	-8.38e-005	-6.99e-005	+1.16e-005	-3.98e-006
227	+4.75e-005	+3.66e-004	-1.06e-004	+8.98e-005	+1.01e-005	-5.29e-006
228	+4.12e-005	+3.68e-004	-1.06e-004	+8.83e-005	+9.04e-006	-2.46e-006
229	+6.67e-005	+3.57e-004	-8.17e-005	-6.72e-005	+1.83e-005	-1.53e-005
230	+7.71e-005	+3.48e-004	-8.04e-005	-6.49e-005	+2.06e-005	-2.06e-005
231	+9.46e-005	+3.43e-004	-1.04e-004	+8.59e-005	+1.56e-005	-2.04e-005
232	+8.23e-005	+3.52e-004	-1.05e-004	+8.60e-005	+1.45e-005	-1.64e-005
233	+7.99e-007	+1.81e-006	-3.87e-006	-3.97e-004	+1.75e-005	+3.81e-009
234	+9.31e-007	+1.81e-006	-3.81e-006	-3.95e-004	+2.03e-005	+7.75e-009
235	+1.89e-005	+1.71e-004	-3.18e-005	-3.46e-004	+1.90e-005	-3.14e-006
236	+1.63e-005	+1.72e-004	-3.22e-005	-3.48e-004	+1.65e-005	-2.19e-006
237	+2.65e-005	+3.03e-004	-5.91e-005	-2.28e-004	+1.30e-005	-2.90e-006
238	+2.28e-005	+3.05e-004	-5.93e-005	-2.29e-004	+1.13e-005	-1.92e-006
239	+3.55e-005	+3.00e-004	-5.83e-005	-2.25e-004	+1.69e-005	-5.52e-006
240	+3.06e-005	+3.02e-004	-5.88e-005	-2.26e-004	+1.49e-005	-3.92e-006
241	+1.03e-004	+1.70e-004	-1.45e-004	+2.88e-004	+7.17e-006	-2.17e-005
242	+1.16e-004	+1.61e-004	-1.45e-004	+2.91e-004	+6.26e-006	-1.01e-005
243	+1.22e-004	+8.36e-006	-1.63e-004	+2.80e-004	+2.21e-006	-2.62e-006
244	+1.09e-004	+2.01e-005	-1.63e-004	+2.84e-004	+3.92e-006	-2.80e-005
245	+1.23e-004	-1.18e-004	-1.77e-004	+2.33e-004	-3.54e-007	+2.79e-006
246	+1.12e-004	-1.13e-004	-1.77e-004	+2.43e-004	+1.90e-006	-1.68e-005
247	+7.09e-005	+1.70e-004	-1.45e-004	+3.08e-004	+7.53e-006	-1.89e-006
248	+8.04e-005	+1.74e-004	-1.45e-004	+2.96e-004	+7.74e-006	+1.24e-005
249	+8.66e-005	+1.99e-005	-1.63e-004	+2.92e-004	+5.50e-006	+2.80e-005
250	+7.69e-005	+8.61e-006	-1.62e-004	+2.96e-004	+5.64e-006	+5.80e-007
251	+1.70e-003	+5.07e-004	-2.25e-004	-1.64e-004	+5.23e-004	+8.79e-004
252	+1.34e-003	+3.98e-004	-2.14e-004	-1.22e-004	+3.81e-004	+8.36e-004
253	+1.00e-003	+3.02e-004	-2.07e-004	-5.23e-005	+2.52e-004	+7.59e-004
254	+7.03e-004	+2.27e-004	-1.98e-004	-1.58e-005	+1.25e-004	+6.23e-004
255	+1.40e-004	+2.84e-004	-7.30e-005	-5.15e-005	+6.98e-005	-4.48e-005
256	+1.45e-003	+4.27e-004	-2.02e-004	-1.90e-004	+6.14e-004	+7.23e-004
257	+1.15e-003	+3.48e-004	-1.83e-004	-1.52e-004	+4.59e-004	+6.81e-004
258	+1.65e-004	+2.80e-004	-9.06e-005	+6.92e-005	+4.62e-005	-4.38e-005
259	+8.70e-004	+2.81e-004	-1.71e-004	-8.84e-005	+3.20e-004	+6.15e-004
260	+6.26e-004	+2.29e-004	-1.64e-004	-5.21e-005	+1.92e-004	+5.04e-004
261	+1.15e-003	+3.34e-004	-1.72e-004	-2.20e-004	+7.18e-004	+5.54e-004
262	+9.20e-004	+2.82e-004	-1.44e-004	-1.88e-004	+5.51e-004	+5.18e-004
263	+7.05e-004	+2.39e-004	-1.29e-004	-1.29e-004	+4.05e-004	+4.67e-004
264	+1.03e-004	+2.34e-004	-5.42e-005	-1.73e-004	+9.30e-005	-3.65e-005
265	+5.17e-004	+2.07e-004	-1.26e-004	-9.07e-005	+2.74e-004	+3.83e-004
266	+2.25e-004	+1.16e-004	-1.35e-004	+1.80e-004	-1.60e-005	-1.68e-005
267	+2.45e-004	+9.93e-005	-1.37e-004	+1.53e-004	-2.24e-005	-3.93e-005
268	+2.40e-004	+8.49e-006	-1.58e-004	+1.94e-004	-3.62e-005	-1.15e-005
269	+2.21e-004	+1.36e-005	-1.55e-004	+2.10e-004	-3.01e-005	+1.20e-005
270	+2.28e-004	-1.00e-004	-1.73e-004	+2.19e-004	-4.51e-005	-6.07e-006
271	+2.10e-004	-9.79e-005	-1.70e-004	+2.19e-004	-3.68e-005	+1.77e-005
272	+8.07e-004	+2.29e-004	-1.35e-004	-2.43e-004	+8.24e-004	+3.75e-004
273	+6.48e-004	+2.01e-004	-9.95e-005	-2.20e-004	+6.47e-004	+3.49e-004
274	+5.02e-004	+1.76e-004	-8.48e-005	-1.68e-004	+4.94e-004	+3.14e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
275	+3.74e-004	+1.58e-004	-8.58e-005	-1.33e-004	+3.58e-004	+2.59e-004
276	+4.18e-004	+1.16e-004	-8.50e-005	-2.52e-004	+9.10e-004	+1.89e-004
277	+8.61e-007	+3.43e-007	-5.88e-006	-2.73e-004	+7.52e-004	+1.50e-006
278	+3.36e-004	+1.09e-004	-4.99e-005	-2.52e-004	+7.22e-004	+1.76e-004
279	+5.56e-007	+3.34e-007	-4.65e-006	-2.17e-004	+5.96e-004	+1.43e-006
280	+2.63e-004	+9.53e-005	-4.30e-005	-2.02e-004	+5.66e-004	+1.58e-004
281	+1.96e-007	+3.55e-007	-5.04e-006	-1.72e-004	+4.60e-004	+1.73e-006
282	+1.99e-004	+8.46e-005	-4.28e-005	-1.63e-004	+4.28e-004	+1.31e-004
283	+4.77e-004	+1.80e-004	-1.84e-004	+7.71e-005	+5.42e-005	+4.08e-004
284	+3.69e-004	+8.52e-005	-1.62e-004	+9.20e-005	-1.59e-005	+1.69e-004
285	+3.11e-004	+6.87e-005	-1.42e-004	+1.07e-004	-4.67e-006	+3.21e-005
286	+2.79e-004	+9.26e-005	-1.28e-004	+8.63e-005	-1.91e-005	-3.00e-005
287	+3.18e-004	+3.74e-006	-1.71e-004	+1.36e-004	-2.93e-005	+2.49e-005
288	+3.84e-004	+1.62e-005	-1.84e-004	+1.33e-004	-4.55e-005	+1.82e-004
289	+3.87e-004	-6.04e-005	-2.20e-004	+8.71e-005	-3.21e-005	+1.86e-004
290	+3.14e-004	-7.38e-005	-2.02e-004	+1.27e-004	-3.81e-005	+2.99e-005
291	+3.85e-004	-9.06e-005	-2.51e-004	+4.05e-005	-6.73e-006	+2.79e-004
292	+3.05e-004	-1.40e-004	-2.28e-004	+1.12e-004	-4.51e-005	+8.28e-005
293	+1.11e-003	+3.10e-004	-2.32e-004	-3.59e-005	+2.09e-004	+8.96e-004
294	+1.50e-003	+4.39e-004	-2.37e-004	-1.06e-004	+3.25e-004	+9.80e-004
295	+1.66e-003	+4.82e-004	-2.52e-004	-9.67e-005	+2.90e-004	+1.12e-003
296	+1.21e-003	+3.22e-004	-2.48e-004	-4.99e-005	+1.87e-004	+1.03e-003
297	+1.80e-003	+5.31e-004	-2.61e-004	-9.90e-005	+2.69e-004	+1.25e-003
298	+1.30e-003	+3.51e-004	-2.56e-004	-7.25e-005	+1.69e-004	+1.15e-003
299	+2.92e-003	+6.07e-004	-1.13e-004	-4.39e-004	+7.15e-004	+1.02e-003
300	+3.41e-003	+6.26e-004	-4.46e-005	+7.87e-004	+9.03e-004	+1.01e-003
301	+3.81e-003	+7.21e-004	-6.07e-005	-4.44e-004	+7.29e-004	+1.12e-003
302	+3.26e-003	+6.97e-004	-1.28e-004	-9.78e-005	+6.42e-004	+1.14e-003
303	+4.17e-003	+8.08e-004	-7.28e-005	-8.32e-005	+6.86e-004	+1.21e-003
304	+3.58e-003	+7.80e-004	-1.39e-004	-1.84e-004	+5.87e-004	+1.25e-003
305	+4.39e-004	+1.99e-004	-1.60e-004	+1.65e-005	+1.12e-004	+3.31e-004
306	+3.44e-004	+1.26e-004	-1.34e-004	+2.80e-005	+2.43e-005	+1.41e-004
307	+2.89e-004	+1.15e-004	-1.14e-004	+5.16e-005	+3.25e-005	+3.14e-005
308	+2.59e-004	+1.35e-004	-1.02e-004	+3.58e-005	+1.69e-005	-2.25e-005
309	+3.73e-004	+1.90e-004	-1.35e-004	-4.89e-005	+1.82e-004	+2.52e-004
310	+2.94e-004	+1.39e-004	-1.03e-004	-4.51e-005	+7.72e-005	+1.08e-004
311	+2.48e-004	+1.33e-004	-8.44e-005	-1.86e-005	+8.13e-005	+2.58e-005
312	+2.20e-004	+1.50e-004	-7.57e-005	-3.31e-005	+6.16e-005	-1.69e-005
313	+2.75e-004	+1.52e-004	-1.05e-004	-1.15e-004	+2.53e-004	+1.70e-004
314	+2.17e-004	+1.20e-004	-6.93e-005	-1.19e-004	+1.34e-004	+7.26e-005
315	+1.83e-004	+1.18e-004	-5.38e-005	-9.35e-005	+1.33e-004	+1.76e-005
316	+1.63e-004	+1.30e-004	-4.92e-005	-1.09e-004	+1.09e-004	-1.19e-005
317	+1.47e-004	+8.57e-005	-6.72e-005	-1.71e-004	+3.11e-004	+8.63e-005
318	+2.03e-006	-8.91e-007	-4.51e-006	-2.18e-004	+1.84e-004	-2.51e-006
319	+1.13e-004	+7.29e-005	-3.37e-005	-1.85e-004	+1.73e-004	+3.63e-005
320	+2.11e-006	-4.08e-007	-3.15e-006	-1.89e-004	+1.88e-004	-1.71e-006
321	+9.81e-005	+7.06e-005	-2.69e-005	-1.59e-004	+1.72e-004	+8.69e-006
322	+1.97e-006	-2.24e-008	-2.99e-006	-2.02e-004	+1.68e-004	-8.20e-007
323	+8.92e-005	+7.63e-005	-2.38e-005	-1.74e-004	+1.49e-004	-6.35e-006
324	+2.60e-004	+1.31e-004	-1.15e-004	+1.12e-004	+3.11e-005	-5.60e-005
325	+2.39e-004	+1.62e-004	-1.15e-004	+1.10e-004	-6.62e-006	-5.81e-005
326	+2.19e-004	+1.89e-004	-1.14e-004	+1.28e-004	+2.44e-006	-4.21e-005
327	+1.98e-004	+2.08e-004	-1.12e-004	+1.44e-004	-1.42e-005	-2.97e-005
328	+2.40e-004	+1.70e-004	-9.45e-005	+5.64e-005	+6.13e-005	-5.39e-005
329	+2.20e-004	+2.02e-004	-9.24e-005	+4.30e-005	+1.47e-005	-6.44e-005
330	+2.01e-004	+2.32e-004	-9.09e-005	+4.94e-005	+2.66e-005	-5.48e-005
331	+1.82e-004	+2.58e-004	-9.04e-005	+5.32e-005	+9.75e-006	-4.41e-005
332	+2.04e-004	+1.79e-004	-7.43e-005	-1.93e-005	+9.85e-005	-4.63e-005
333	+1.87e-004	+2.07e-004	-6.88e-005	-4.36e-005	+4.00e-005	-5.95e-005
334	+1.70e-004	+2.36e-004	-6.68e-005	-4.81e-005	+5.44e-005	-5.46e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
335	-1.22e-006	+1.81e-006	-3.66e-006	-3.86e-004	-2.66e-005	+3.58e-008
336	-1.05e-006	+1.82e-006	-3.75e-006	-3.92e-004	-2.29e-005	+7.69e-009
337	-2.12e-005	+1.69e-004	-3.14e-005	-3.43e-004	-2.13e-005	+4.35e-006
338	-2.47e-005	+1.67e-004	-3.08e-005	-3.38e-004	-2.45e-005	+6.29e-006
339	-1.35e-004	+2.90e-004	-7.39e-005	-5.26e-005	-6.79e-005	+4.23e-005
340	-1.17e-004	+3.09e-004	-7.50e-005	-5.71e-005	-1.97e-005	+4.11e-005
341	-1.40e-004	+3.05e-004	-9.67e-005	+7.38e-005	-7.99e-006	+4.19e-005
342	-1.60e-004	+2.85e-004	-9.14e-005	+7.05e-005	-4.49e-005	+4.14e-005
343	-6.45e-005	+3.58e-004	-8.19e-005	-6.75e-005	-1.77e-005	+1.44e-005
344	-5.59e-005	+3.63e-004	-8.27e-005	-6.92e-005	-1.59e-005	+9.57e-006
345	-6.94e-005	+3.59e-004	-1.06e-004	+8.58e-005	-1.30e-005	+9.38e-006
346	-7.97e-005	+3.53e-004	-1.05e-004	+8.62e-005	-1.40e-005	+1.55e-005
347	-1.92e-006	+1.74e-006	-3.24e-006	-3.53e-004	-4.62e-005	+2.68e-007
348	-1.66e-006	+1.78e-006	-3.39e-006	-3.68e-004	-3.50e-005	+1.41e-007
349	-3.35e-005	+1.59e-004	-2.89e-005	-3.21e-004	-3.25e-005	+1.17e-005
350	-3.90e-005	+1.53e-004	-2.78e-005	-3.08e-004	-4.14e-005	+1.51e-005
351	-8.53e-005	+2.54e-004	-5.17e-005	-1.88e-004	-3.16e-005	+3.28e-005
352	-9.96e-005	+2.38e-004	-5.51e-005	-1.76e-004	-9.04e-005	+3.44e-005
353	-6.22e-005	+2.79e-004	-5.42e-005	-2.08e-004	-2.72e-005	+2.10e-005
354	-7.26e-005	+2.68e-004	-5.24e-005	-2.00e-004	-3.58e-005	+2.72e-005
355	-9.96e-005	+1.70e-004	-1.45e-004	+2.89e-004	-6.93e-006	+2.13e-005
356	-8.80e-005	+1.77e-004	-1.45e-004	+2.85e-004	-7.42e-006	+3.92e-006
357	-9.40e-005	+2.71e-005	-1.63e-004	+2.88e-004	-4.82e-006	-3.05e-007
358	-1.05e-004	+2.00e-005	-1.63e-004	+2.85e-004	-3.79e-006	+2.79e-005
359	-9.73e-005	-1.11e-004	-1.77e-004	+2.53e-004	-3.25e-006	-3.74e-006
360	-1.08e-004	-1.14e-004	-1.77e-004	+2.45e-004	-1.82e-006	+1.72e-005
361	-1.43e-004	+1.59e-004	-1.40e-004	+2.57e-004	-2.61e-006	+1.42e-005
362	-1.27e-004	+1.61e-004	-1.43e-004	+2.76e-004	-3.68e-006	-2.56e-006
363	-1.31e-004	+1.77e-005	-1.61e-004	+2.74e-004	+8.92e-007	-2.39e-005
364	-1.46e-004	+2.33e-005	-1.58e-004	+2.65e-004	+3.98e-006	+1.20e-006
365	-2.18e-004	+1.20e-004	-1.37e-004	+1.86e-004	+1.67e-005	+1.59e-005
366	-1.98e-004	+1.28e-004	-1.33e-004	+2.10e-004	+3.27e-005	+2.62e-006
367	-1.96e-004	+1.03e-005	-1.51e-004	+2.27e-004	+4.05e-005	-2.60e-005
368	-2.15e-004	+1.41e-005	-1.57e-004	+2.16e-004	+3.05e-005	-1.18e-005
369	-1.87e-004	-1.06e-004	-1.65e-004	+2.20e-004	+4.06e-005	-2.93e-005
370	-2.04e-004	-9.99e-005	-1.72e-004	+2.24e-004	+3.70e-005	-1.69e-005
371	+1.54e-004	+2.62e-004	-6.80e-005	-5.62e-005	+3.81e-005	-4.63e-005
372	+1.51e-004	+1.52e-004	-5.42e-005	-1.04e-004	+1.36e-004	-3.41e-005
373	+1.38e-004	+1.73e-004	-4.53e-005	-1.37e-004	+6.78e-005	-4.53e-005
374	+1.25e-004	+1.95e-004	-4.27e-005	-1.50e-004	+8.26e-005	-4.32e-005
375	+1.14e-004	+2.15e-004	-4.53e-005	-1.68e-004	+6.50e-005	-3.79e-005
376	+8.16e-005	+8.86e-005	-3.24e-005	-1.77e-004	+1.67e-004	-1.82e-005
377	+2.16e-006	+6.51e-007	-2.41e-006	-2.51e-004	+9.58e-005	-1.45e-006
378	+7.33e-005	+1.00e-004	-2.21e-005	-2.16e-004	+8.89e-005	-2.45e-005
379	+2.02e-006	+8.90e-007	-2.16e-006	-2.70e-004	+1.16e-004	-5.25e-007
380	+6.80e-005	+1.12e-004	-2.11e-005	-2.34e-004	+1.06e-004	-2.38e-005
381	+1.88e-006	+1.01e-006	-2.47e-006	-2.96e-004	+1.01e-004	-5.22e-007
382	+6.30e-005	+1.23e-004	-2.25e-005	-2.58e-004	+8.90e-005	-2.14e-005
383	-1.92e-004	+2.14e-004	-1.13e-004	+1.48e-004	+1.51e-005	+2.79e-005
384	-2.12e-004	+1.95e-004	-1.16e-004	+1.33e-004	-1.60e-006	+4.03e-005
385	-2.32e-004	+1.69e-004	-1.19e-004	+1.15e-004	+7.68e-006	+5.64e-005
386	-1.77e-004	+2.64e-004	-9.17e-005	+5.49e-005	-9.05e-006	+4.17e-005
387	-1.95e-004	+2.40e-004	-9.30e-005	+5.15e-005	-2.56e-005	+5.23e-005
388	-2.13e-004	+2.10e-004	-9.56e-005	+4.56e-005	-1.39e-005	+6.19e-005
389	-1.50e-004	+2.68e-004	-6.93e-005	-5.71e-005	-3.75e-005	+4.38e-005
390	-1.65e-004	+2.44e-004	-6.87e-005	-4.92e-005	-5.33e-005	+5.18e-005
391	-1.81e-004	+2.16e-004	-7.19e-005	-4.46e-005	-3.94e-005	+5.67e-005
392	-1.10e-004	+2.21e-004	-4.64e-005	-1.71e-004	-6.44e-005	+3.57e-005
393	-1.21e-004	+2.02e-004	-4.44e-005	-1.54e-004	-8.13e-005	+4.08e-005
394	-1.33e-004	+1.81e-004	-4.78e-005	-1.41e-004	-6.74e-005	+4.28e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
395	-1.75e-006	+1.05e-006	-2.58e-006	-3.02e-004	-9.96e-005	+5.11e-007
396	-6.08e-005	+1.26e-004	-2.32e-005	-2.64e-004	-8.81e-005	+2.01e-005
397	-1.86e-006	+9.46e-007	-2.31e-006	-2.78e-004	-1.13e-004	+4.82e-007
398	-6.54e-005	+1.16e-004	-2.22e-005	-2.41e-004	-1.04e-004	+2.23e-005
399	-1.96e-006	+7.43e-007	-2.63e-006	-2.60e-004	-9.47e-005	+1.23e-006
400	-7.02e-005	+1.05e-004	-2.37e-005	-2.24e-004	-8.82e-005	+2.29e-005
401	-3.08e-004	+9.31e-006	-1.80e-004	+1.45e-004	+3.08e-005	-2.56e-005
402	-2.75e-004	+3.80e-005	-1.60e-004	+1.25e-004	+4.51e-005	+3.98e-005
403	-2.71e-004	-4.64e-005	-1.88e-004	+1.44e-004	+6.28e-005	+3.73e-005
404	-3.05e-004	-7.30e-005	-2.11e-004	+1.33e-004	+3.87e-005	-2.97e-005
405	-2.58e-004	-1.37e-004	-2.10e-004	+1.56e-004	+7.43e-005	+4.65e-006
406	-2.96e-004	-1.42e-004	-2.36e-004	+1.15e-004	+4.51e-005	-8.38e-005
407	-7.80e-005	+9.38e-005	-3.52e-005	-1.87e-004	-1.60e-004	+1.69e-005
408	-1.45e-004	+1.61e-004	-5.83e-005	-1.10e-004	-1.33e-004	+3.22e-005
409	-1.97e-004	+1.90e-004	-7.91e-005	-2.07e-005	-9.60e-005	+4.44e-005
410	-2.32e-004	+1.80e-004	-9.95e-005	+5.94e-005	-5.98e-005	+5.23e-005
411	-2.52e-004	+1.39e-004	-1.20e-004	+1.19e-004	-3.05e-005	+5.51e-005
412	-1.65e-006	+2.24e-007	-3.48e-006	-2.10e-004	-1.67e-004	+9.32e-007
413	-8.52e-005	+8.23e-005	-2.73e-005	-1.81e-004	-1.49e-004	+5.66e-006
414	-1.57e-004	+1.40e-004	-5.48e-005	-1.13e-004	-1.08e-004	+1.07e-005
415	-2.13e-004	+1.62e-004	-8.26e-005	-3.34e-005	-6.04e-005	+1.57e-005
416	-2.50e-004	+1.46e-004	-1.10e-004	+3.90e-005	-1.49e-005	+2.16e-005
417	-2.70e-004	+1.02e-004	-1.36e-004	+9.24e-005	+2.15e-005	+2.97e-005
418	-1.77e-006	-1.69e-007	-3.69e-006	-2.00e-004	-1.84e-004	+1.73e-006
419	-9.41e-005	+7.71e-005	-3.08e-005	-1.68e-004	-1.70e-004	-9.89e-006
420	-1.77e-004	+1.29e-004	-6.03e-005	-9.88e-005	-1.31e-004	-1.96e-005
421	-2.40e-004	+1.46e-004	-9.26e-005	-1.95e-005	-7.93e-005	-2.82e-005
422	-1.11e-003	+3.25e-004	-2.46e-004	-3.12e-005	-2.11e-004	-9.11e-004
423	-7.59e-004	+2.10e-004	-2.44e-004	+6.56e-006	-9.47e-005	-7.54e-004
424	-8.20e-004	+1.78e-004	-2.55e-004	-1.55e-005	-9.10e-005	-8.62e-004
425	-1.21e-003	+3.34e-004	-2.61e-004	-4.69e-005	-1.89e-004	-1.05e-003
426	-8.64e-004	+1.97e-004	-2.57e-004	-3.81e-005	-8.50e-005	-9.75e-004
427	-1.31e-003	+3.61e-004	-2.68e-004	-7.19e-005	-1.73e-004	-1.17e-003
428	-2.80e-004	+1.27e-004	-1.24e-004	+5.51e-005	-3.01e-005	-3.37e-005
429	-3.01e-004	+7.85e-005	-1.52e-004	+1.14e-004	+6.82e-006	-3.38e-005
430	-1.70e-006	-6.29e-007	-5.10e-006	-2.30e-004	-1.85e-004	+2.21e-006
431	-1.10e-004	+8.01e-005	-3.80e-005	-1.94e-004	-1.74e-004	-3.85e-005
432	-2.11e-004	+1.32e-004	-7.64e-005	-1.24e-004	-1.34e-004	-7.62e-005
433	-2.87e-004	+1.53e-004	-1.12e-004	-4.59e-005	-7.60e-005	-1.13e-004
434	-3.35e-004	+1.41e-004	-1.44e-004	+3.16e-005	-2.17e-005	-1.46e-004
435	-3.59e-004	+9.69e-005	-1.72e-004	+9.96e-005	+1.92e-005	-1.74e-004
436	-1.44e-004	+9.39e-005	-7.21e-005	-1.86e-004	-3.05e-004	-8.91e-005
437	-2.70e-004	+1.66e-004	-1.13e-004	-1.24e-004	-2.49e-004	-1.75e-004
438	-3.67e-004	+2.07e-004	-1.45e-004	-5.25e-005	-1.79e-004	-2.58e-004
439	-4.32e-004	+2.16e-004	-1.71e-004	+1.90e-005	-1.08e-004	-3.38e-004
440	-4.68e-004	+1.94e-004	-1.96e-004	+8.53e-005	-5.20e-005	-4.16e-004
441	-5.69e-008	+7.63e-007	-5.61e-006	-1.79e-004	-4.60e-004	-1.78e-006
442	-1.97e-004	+9.31e-005	-4.75e-005	-1.69e-004	-4.28e-004	-1.33e-004
443	-2.94e-003	+6.32e-004	-1.28e-004	-1.76e-004	-7.36e-004	-1.03e-003
444	-2.44e-003	+6.14e-004	-1.94e-004	-1.66e-004	-6.01e-004	-1.04e-003
445	-2.72e-003	+6.94e-004	-2.08e-004	-1.54e-004	-5.30e-004	-1.18e-003
446	-3.29e-003	+7.19e-004	-1.43e-004	-1.67e-004	-6.47e-004	-1.15e-003
447	-2.98e-003	+7.70e-004	-2.17e-004	-1.48e-004	-4.90e-004	-1.30e-003
448	-3.61e-003	+8.01e-004	-1.54e-004	-1.59e-004	-5.96e-004	-1.26e-003
449	-3.20e-003	+8.40e-004	-2.24e-004	-1.37e-004	-4.20e-004	-1.40e-003
450	-3.87e-003	+8.73e-004	-1.64e-004	-1.51e-004	-5.08e-004	-1.35e-003
451	-4.79e-003	+9.78e-004	-1.07e-004	-1.53e-004	-5.31e-004	-1.38e-003
452	-5.46e-003	+1.01e-003	-4.55e-005	-1.57e-004	-5.86e-004	-1.37e-003
453	-3.39e-003	+9.07e-004	-2.29e-004	-1.35e-004	-3.86e-004	-1.48e-003
454	-4.10e-003	+9.44e-004	-1.69e-004	-1.48e-004	-4.63e-004	-1.43e-003

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
455	-9.13e-004	+2.42e-004	-2.78e-004	-6.26e-005	-1.34e-004	-1.05e-003
456	-1.39e-003	+4.06e-004	-2.78e-004	-8.72e-005	-1.86e-004	-1.25e-003
457	-2.06e-003	+6.52e-004	-2.86e-004	-9.05e-005	-2.35e-004	-1.45e-003
458	-2.67e-003	+8.71e-004	-2.84e-004	-1.32e-004	-3.01e-004	-1.49e-003
459	-9.72e-004	+2.73e-004	-2.91e-004	-4.40e-005	-1.11e-004	-1.11e-003
460	-1.48e-003	+4.49e-004	-2.88e-004	-7.08e-005	-1.68e-004	-1.32e-003
461	-2.41e-004	-2.26e-004	-2.27e-004	+1.59e-004	+7.92e-005	-4.85e-005
462	-2.86e-004	-1.98e-004	-2.55e-004	+1.01e-004	+3.66e-005	-1.63e-004
463	-3.83e-004	-1.16e-004	-2.82e-004	+3.91e-005	+9.43e-006	-4.77e-004
464	-5.69e-004	+1.39e-004	-2.95e-004	-2.07e-005	-5.01e-005	-8.13e-004
465	-2.20e-004	-3.14e-004	-2.38e-004	+1.60e-004	+8.31e-005	-1.03e-004
466	-2.76e-004	-2.53e-004	-2.64e-004	+1.13e-004	+4.27e-005	-2.42e-004
467	-1.76e-004	-2.15e-004	-1.78e-004	+2.23e-004	+4.20e-005	-1.66e-005
468	-1.90e-004	-2.13e-004	-1.86e-004	+2.35e-004	+4.39e-005	-6.64e-006
469	-1.81e-004	-3.32e-004	-2.01e-004	+2.36e-004	+5.30e-005	+3.55e-006
470	-1.92e-004	-3.31e-004	-2.03e-004	+2.24e-004	+5.42e-005	-2.57e-005
471	-1.63e-004	-3.26e-004	-1.87e-004	+2.27e-004	+4.60e-005	-2.58e-006
472	-1.72e-004	-3.28e-004	-1.96e-004	+2.36e-004	+4.72e-005	+2.61e-006
473	-9.93e-005	-2.20e-004	-1.89e-004	+2.09e-004	-2.32e-006	-5.45e-006
474	-1.09e-004	-2.21e-004	-1.90e-004	+2.03e-004	-6.02e-007	+3.64e-006
475	-1.44e-004	-3.20e-004	-1.86e-004	+2.15e-004	+1.64e-005	+1.05e-005
476	-1.54e-004	-3.24e-004	-1.76e-004	+2.22e-004	+2.43e-005	+3.44e-006
477	-1.00e-004	-3.17e-004	-1.98e-004	+1.96e-004	-1.70e-006	-5.50e-006
478	-1.09e-004	-3.16e-004	-1.98e-004	+1.94e-004	+4.10e-009	-9.09e-007
479	-1.44e-004	-1.05e-004	-1.72e-004	+2.41e-004	+8.03e-006	-4.63e-006
480	-1.31e-004	-1.12e-004	-1.75e-004	+2.38e-004	+3.64e-006	-2.30e-005
481	-1.30e-004	-2.17e-004	-1.88e-004	+2.05e-004	+5.35e-006	-1.10e-005
482	-1.41e-004	-2.14e-004	-1.84e-004	+2.15e-004	+1.03e-005	-1.96e-006
483	-2.29e-005	-2.38e-004	-1.80e-004	+2.07e-004	-1.82e-006	-5.43e-007
484	-2.91e-005	-2.35e-004	-1.81e-004	+2.13e-004	-2.29e-006	-9.21e-006
485	-5.90e-005	-3.30e-004	-1.91e-004	+1.98e-004	-3.09e-006	-6.28e-006
486	-6.68e-005	-3.27e-004	-1.93e-004	+1.99e-004	-3.31e-006	-4.12e-006
487	-2.40e-005	-3.35e-004	-1.88e-004	+1.99e-004	-1.33e-006	-8.72e-007
488	-3.05e-005	-3.34e-004	-1.88e-004	+2.01e-004	-1.69e-006	-4.17e-006
489	-4.66e-005	-1.28e-004	-1.71e-004	+2.51e-004	-3.75e-006	-7.93e-007
490	-3.98e-005	-1.22e-004	-1.70e-004	+2.58e-004	-3.31e-006	+1.99e-005
491	-4.24e-005	-2.34e-004	-1.82e-004	+2.12e-004	-3.20e-006	+7.17e-006
492	-4.94e-005	-2.36e-004	-1.83e-004	+2.05e-004	-3.61e-006	-1.68e-006
493	+3.77e-005	-2.32e-004	-1.81e-004	+2.18e-004	+2.90e-006	+1.08e-006
494	+3.11e-005	-2.35e-004	-1.81e-004	+2.13e-004	+2.43e-006	+9.28e-006
495	+7.05e-006	-3.35e-004	-1.87e-004	+2.02e-004	+3.65e-007	+3.20e-006
496	+9.22e-007	-3.36e-004	-1.87e-004	+1.99e-004	+3.36e-008	+3.02e-008
497	+3.94e-005	-3.32e-004	-1.89e-004	+2.02e-004	+2.15e-006	+1.73e-006
498	+3.26e-005	-3.34e-004	-1.88e-004	+2.01e-004	+1.78e-006	+4.29e-006
499	+1.18e-005	-1.18e-004	-1.68e-004	+2.66e-004	+1.02e-006	+1.23e-007
500	+1.74e-005	-1.23e-004	-1.69e-004	+2.60e-004	+1.50e-006	-2.03e-005
501	+1.86e-005	-2.35e-004	-1.80e-004	+2.13e-004	+1.47e-006	-8.04e-006
502	+1.26e-005	-2.33e-004	-1.80e-004	+2.19e-004	+9.95e-007	+2.68e-007
503	+1.23e-004	-2.20e-004	-1.90e-004	+1.96e-004	-2.00e-006	+4.31e-006
504	+1.13e-004	-2.19e-004	-1.90e-004	+2.02e-004	+6.45e-007	-3.00e-006
505	+7.77e-005	-3.25e-004	-1.94e-004	+1.95e-004	+3.50e-006	+2.51e-006
506	+6.95e-005	-3.27e-004	-1.93e-004	+1.98e-004	+3.42e-006	+4.51e-006
507	+1.22e-004	-3.13e-004	-1.98e-004	+1.92e-004	-2.66e-006	+2.15e-006
508	+1.13e-004	-3.14e-004	-1.99e-004	+1.93e-004	+1.38e-008	+1.78e-006
509	+8.09e-005	-1.25e-004	-1.75e-004	+2.45e-004	+4.64e-006	+3.09e-006
510	+9.04e-005	-1.17e-004	-1.76e-004	+2.49e-004	+4.23e-006	+2.44e-005
511	+9.31e-005	-2.24e-004	-1.89e-004	+2.04e-004	+3.53e-006	+1.43e-005
512	+8.40e-005	-2.30e-004	-1.87e-004	+1.99e-004	+4.13e-006	+5.05e-006
513	+2.10e-004	-2.13e-004	-1.89e-004	+2.36e-004	-5.07e-005	-7.91e-006
514	+1.96e-004	-2.09e-004	-1.84e-004	+2.32e-004	-4.42e-005	+7.51e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
515	+1.68e-004	-3.21e-004	-1.86e-004	+2.25e-004	-4.61e-005	+3.53e-006
516	+1.59e-004	-3.20e-004	-1.76e-004	+2.20e-004	-2.52e-005	-2.48e-006
517	+1.87e-004	-3.27e-004	-1.98e-004	+2.34e-004	-5.34e-005	-3.36e-006
518	+1.78e-004	-3.23e-004	-1.94e-004	+2.34e-004	-4.79e-005	-1.96e-006
519	+3.81e-004	-9.82e-005	-2.64e-004	+1.40e-005	-1.84e-006	+3.80e-004
520	+2.94e-004	-1.95e-004	-2.47e-004	+1.01e-004	-3.88e-005	+1.60e-004
521	+2.26e-004	-3.09e-004	-2.32e-004	+1.61e-004	-8.46e-005	+1.02e-004
522	+1.98e-004	-3.26e-004	-1.99e-004	+2.22e-004	-5.65e-005	+2.54e-005
523	+3.87e-004	-1.16e-004	-2.73e-004	+4.19e-005	-1.29e-005	+4.69e-004
524	+2.82e-004	-2.50e-004	-2.57e-004	+1.14e-004	-4.57e-005	+2.38e-004
525	+1.93e-003	+5.86e-004	-2.68e-004	-9.80e-005	+2.51e-004	+1.35e-003
526	+1.39e-003	+3.96e-004	-2.66e-004	-8.60e-005	+1.79e-004	+1.24e-003
527	+9.69e-004	+2.65e-004	-2.80e-004	-4.20e-005	+1.04e-004	+1.09e-003
528	+5.71e-004	+1.34e-004	-2.84e-004	-1.86e-005	+4.34e-005	+8.00e-004
529	+2.04e-003	+6.39e-004	-2.74e-004	-8.89e-005	+2.28e-004	+1.43e-003
530	+1.47e-003	+4.38e-004	-2.76e-004	-6.93e-005	+1.61e-004	+1.30e-003
531	+4.48e-003	+8.86e-004	-8.42e-005	-1.81e-004	+5.82e-004	+1.30e-003
532	+3.84e-003	+8.55e-004	-1.48e-004	-1.47e-004	+5.00e-004	+1.34e-003
533	+3.36e-003	+8.90e-004	-2.15e-004	-1.36e-004	+3.78e-004	+1.47e-003
534	+2.64e-003	+8.55e-004	-2.70e-004	-1.33e-004	+2.93e-004	+1.48e-003
535	+4.74e-003	+9.60e-004	-9.11e-005	-1.48e-004	+5.22e-004	+1.37e-003
536	+4.06e-003	+9.26e-004	-1.54e-004	-1.51e-004	+4.55e-004	+1.42e-003
537	-1.30e-007	+1.81e-006	-4.05e-006	-4.04e-004	-2.87e-006	+6.76e-009
538	-8.31e-008	+1.81e-006	-4.05e-006	-4.04e-004	-1.84e-006	+1.23e-010
539	-1.72e-006	+1.75e-004	-3.32e-005	-3.54e-004	-1.78e-006	+5.64e-008
540	-2.67e-006	+1.74e-004	-3.32e-005	-3.54e-004	-2.78e-006	+1.41e-007
541	-7.02e-006	+3.07e-004	-5.99e-005	-2.30e-004	-3.60e-006	+2.51e-007
542	-9.02e-006	+3.07e-004	-5.99e-005	-2.30e-004	-4.61e-006	+1.76e-007
543	-3.28e-006	+3.07e-004	-5.99e-005	-2.31e-004	-1.69e-006	+1.04e-007
544	-5.11e-006	+3.07e-004	-5.99e-005	-2.30e-004	-2.63e-006	+3.49e-007
545	-2.30e-005	+3.73e-004	-8.41e-005	-7.01e-005	-7.41e-006	+1.18e-006
546	-1.94e-005	+3.74e-004	-8.41e-005	-7.09e-005	-6.31e-006	+1.47e-006
547	-2.47e-005	+3.69e-004	-1.06e-004	+9.03e-005	-5.71e-006	+2.82e-006
548	-2.92e-005	+3.68e-004	-1.06e-004	+9.21e-005	-6.67e-006	+1.24e-006
549	-4.04e-005	+2.97e-004	-1.26e-004	+2.23e-004	-6.71e-006	-4.18e-006
550	-4.67e-005	+2.98e-004	-1.26e-004	+2.18e-004	-7.53e-006	+1.91e-006
551	-2.94e-005	+2.98e-004	-1.25e-004	+2.24e-004	-5.08e-006	+6.41e-006
552	-3.47e-005	+2.95e-004	-1.26e-004	+2.28e-004	-5.89e-006	+1.07e-006
553	-7.40e-006	+3.75e-004	-8.41e-005	-7.12e-005	-2.45e-006	+8.21e-007
554	-4.75e-006	+3.75e-004	-8.41e-005	-7.18e-005	-1.58e-006	+1.35e-007
555	-6.10e-006	+3.71e-004	-1.06e-004	+8.86e-005	-1.45e-006	+1.44e-007
556	-9.49e-006	+3.70e-004	-1.06e-004	+9.04e-005	-2.25e-006	+2.14e-006
557	-1.55e-005	+2.96e-004	-1.25e-004	+2.29e-004	-2.76e-006	+2.99e-007
558	-1.99e-005	+2.98e-004	-1.25e-004	+2.24e-004	-3.51e-006	-5.20e-006
559	-7.30e-006	+3.00e-004	-1.25e-004	+2.20e-004	-1.31e-006	+1.27e-007
560	-1.13e-005	+2.98e-004	-1.25e-004	+2.24e-004	-2.03e-006	+5.82e-006
561	-2.84e-007	+1.81e-006	-4.03e-006	-4.03e-004	-6.27e-006	+2.14e-010
562	-5.85e-006	+1.74e-004	-3.31e-005	-3.53e-004	-6.06e-006	+2.67e-007
563	-1.12e-005	+3.07e-004	-5.98e-005	-2.30e-004	-5.69e-006	+4.90e-007
564	-1.61e-005	+3.75e-004	-8.41e-005	-7.16e-005	-5.27e-006	+6.33e-007
565	-1.30e-005	+1.78e-004	-1.41e-004	+3.04e-004	-1.79e-006	+1.51e-005
566	-8.34e-006	+1.82e-004	-1.41e-004	+2.96e-004	-1.16e-006	+8.33e-008
567	-9.33e-006	+2.63e-005	-1.57e-004	+3.00e-004	-9.55e-007	+3.01e-009
568	-1.45e-005	+1.94e-005	-1.57e-004	+3.02e-004	-1.47e-006	+2.72e-005
569	-1.01e-005	-1.18e-004	-1.68e-004	+2.66e-004	-8.93e-007	-1.04e-007
570	-1.57e-005	-1.23e-004	-1.69e-004	+2.60e-004	-1.38e-006	+2.03e-005
571	-2.79e-005	+1.82e-004	-1.42e-004	+2.96e-004	-3.76e-006	+3.74e-007
572	-3.10e-005	+2.64e-005	-1.58e-004	+2.99e-004	-3.07e-006	+3.55e-009
573	+3.61e-007	+1.81e-006	-4.01e-006	-4.03e-004	+7.97e-006	-6.73e-009
574	+4.28e-007	+1.81e-006	-4.00e-006	-4.02e-004	+9.44e-006	+1.70e-010

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
575	+8.80e-006	+1.74e-004	-3.29e-005	-3.52e-004	+9.07e-006	-5.47e-007
576	+7.43e-006	+1.74e-004	-3.30e-005	-3.53e-004	+7.68e-006	-4.47e-007
577	+1.18e-005	+3.07e-004	-5.98e-005	-2.30e-004	+6.01e-006	-5.34e-007
578	+9.63e-006	+3.07e-004	-5.98e-005	-2.30e-004	+4.92e-006	-2.10e-007
579	+1.67e-005	+3.06e-004	-5.96e-005	-2.29e-004	+8.45e-006	-1.00e-006
580	+1.41e-005	+3.06e-004	-5.97e-005	-2.30e-004	+7.18e-006	-9.09e-007
581	+5.54e-006	+3.75e-004	-8.41e-005	-7.18e-005	+1.83e-006	-1.60e-007
582	+8.21e-006	+3.75e-004	-8.41e-005	-7.11e-005	+2.71e-006	-8.50e-007
583	+1.05e-005	+3.70e-004	-1.06e-004	+9.04e-005	+2.49e-006	-2.17e-006
584	+7.11e-006	+3.71e-004	-1.06e-004	+8.86e-005	+1.68e-006	-1.70e-007
585	+4.53e-006	+2.99e-004	-1.25e-004	+2.24e-004	+8.03e-007	+5.54e-006
586	+5.96e-007	+2.97e-004	-1.25e-004	+2.29e-004	+9.96e-008	-1.02e-008
587	+1.26e-005	+2.98e-004	-1.25e-004	+2.24e-004	+2.24e-006	-5.85e-006
588	+8.51e-006	+3.00e-004	-1.25e-004	+2.20e-004	+1.51e-006	-1.50e-007
589	+2.04e-005	+3.74e-004	-8.41e-005	-7.08e-005	+6.62e-006	-1.54e-006
590	+2.40e-005	+3.73e-004	-8.40e-005	-7.00e-005	+7.75e-006	-1.28e-006
591	+3.06e-005	+3.68e-004	-1.06e-004	+9.21e-005	+6.97e-006	-1.34e-006
592	+2.60e-005	+3.69e-004	-1.06e-004	+9.03e-005	+6.00e-006	-2.90e-006
593	+2.59e-005	+3.00e-004	-1.25e-004	+2.19e-004	+4.53e-006	-6.34e-007
594	+2.12e-005	+2.98e-004	-1.25e-004	+2.24e-004	+3.74e-006	+5.16e-006
595	+3.63e-005	+2.95e-004	-1.26e-004	+2.28e-004	+6.16e-006	-1.16e-006
596	+3.09e-005	+2.97e-004	-1.25e-004	+2.24e-004	+5.33e-006	-6.48e-006
597	+1.93e-007	+1.81e-006	-4.04e-006	-4.04e-004	+4.26e-006	-2.54e-010
598	+3.98e-006	+1.74e-004	-3.32e-005	-3.54e-004	+4.13e-006	-1.51e-007
599	+7.60e-006	+3.07e-004	-5.99e-005	-2.30e-004	+3.89e-006	-2.79e-007
600	+1.10e-005	+3.75e-004	-8.41e-005	-7.05e-005	+3.62e-006	-3.61e-007
601	+3.51e-005	+1.77e-004	-1.42e-004	+3.03e-004	+4.64e-006	-1.56e-005
602	+4.11e-005	+1.73e-004	-1.43e-004	+3.12e-004	+5.32e-006	-7.55e-007
603	+4.55e-005	+8.53e-006	-1.59e-004	+3.01e-004	+4.31e-006	-3.99e-008
604	+3.89e-005	+1.94e-005	-1.58e-004	+3.00e-004	+3.78e-006	-2.72e-005
605	+4.87e-005	-1.28e-004	-1.71e-004	+2.51e-004	+3.91e-006	+8.64e-007
606	+4.19e-005	-1.22e-004	-1.70e-004	+2.58e-004	+3.46e-006	-1.98e-005
607	+1.92e-005	+1.73e-004	-1.41e-004	+3.13e-004	+2.62e-006	-2.11e-007
608	+2.14e-005	+8.53e-006	-1.57e-004	+3.03e-004	+2.15e-006	+7.12e-009
609	+1.72e-006	+1.78e-006	-3.36e-006	-3.65e-004	+3.62e-005	-1.50e-007
610	+1.99e-006	+1.74e-006	-3.20e-006	-3.50e-004	+4.78e-005	-2.87e-007
611	+4.03e-005	+1.51e-004	-2.75e-005	-3.06e-004	+4.27e-005	-1.61e-005
612	+3.46e-005	+1.58e-004	-2.87e-005	-3.19e-004	+3.35e-005	-1.24e-005
613	+5.52e-005	+2.86e-004	-5.55e-005	-2.13e-004	+2.53e-005	-1.66e-005
614	+4.76e-005	+2.92e-004	-5.68e-005	-2.19e-004	+2.19e-005	-1.21e-005
615	+7.50e-005	+2.65e-004	-5.20e-005	-1.98e-004	+3.69e-005	-2.89e-005
616	+6.43e-005	+2.77e-004	-5.39e-005	-2.07e-004	+2.80e-005	-2.23e-005
617	+4.35e-005	+3.68e-004	-8.36e-005	-6.89e-005	+1.31e-005	-4.83e-006
618	+5.01e-005	+3.66e-004	-8.32e-005	-6.90e-005	+1.47e-005	-6.41e-006
619	+6.26e-005	+3.61e-004	-1.06e-004	+8.86e-005	+1.24e-005	-4.93e-006
620	+5.46e-005	+3.63e-004	-1.06e-004	+9.12e-005	+1.12e-005	-4.74e-006
621	+5.57e-005	+2.94e-004	-1.27e-004	+2.22e-004	+8.63e-006	-8.36e-006
622	+4.86e-005	+2.97e-004	-1.26e-004	+2.18e-004	+7.82e-006	-2.07e-006
623	+7.27e-005	+2.91e-004	-1.27e-004	+2.19e-004	+1.00e-005	+3.77e-007
624	+6.37e-005	+2.91e-004	-1.27e-004	+2.26e-004	+9.38e-006	-3.68e-006
625	+8.93e-005	+3.37e-004	-7.86e-005	-6.32e-005	+2.22e-005	-2.72e-005
626	+1.04e-004	+3.23e-004	-7.65e-005	-6.07e-005	+2.86e-005	-3.58e-005
627	+1.25e-004	+3.19e-004	-9.97e-005	+7.60e-005	+1.91e-005	-3.54e-005
628	+1.09e-004	+3.33e-004	-1.02e-004	+8.15e-005	+1.58e-005	-2.56e-005
629	+1.08e-004	+2.76e-004	-1.25e-004	+2.13e-004	+1.09e-005	-1.64e-005
630	+9.44e-005	+2.84e-004	-1.26e-004	+2.13e-004	+1.08e-005	-1.72e-005
631	+1.40e-004	+2.59e-004	-1.21e-004	+1.88e-004	+1.05e-005	-2.77e-005
632	+1.23e-004	+2.68e-004	-1.24e-004	+2.01e-004	+9.52e-006	-1.64e-005
633	+1.09e-006	+1.82e-006	-3.74e-006	-3.91e-004	+2.37e-005	-8.51e-009
634	+2.20e-005	+1.69e-004	-3.13e-005	-3.42e-004	+2.20e-005	-4.63e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
635	+4.11e-005	+2.97e-004	-5.77e-005	-2.22e-004	+1.93e-005	-8.29e-006
636	+5.78e-005	+3.62e-004	-8.26e-005	-6.89e-005	+1.65e-005	-1.02e-005
637	+1.31e-004	+1.60e-004	-1.43e-004	+2.74e-004	+3.81e-006	+1.82e-006
638	+1.48e-004	+1.58e-004	-1.40e-004	+2.54e-004	+2.71e-006	-1.50e-005
639	+1.51e-004	+2.32e-005	-1.58e-004	+2.62e-004	-4.05e-006	-1.24e-006
640	+1.36e-004	+1.76e-005	-1.61e-004	+2.72e-004	-8.89e-007	+2.38e-005
641	+1.49e-004	-1.04e-004	-1.72e-004	+2.38e-004	-8.22e-006	+5.14e-006
642	+1.36e-004	-1.11e-004	-1.75e-004	+2.36e-004	-3.72e-006	+2.34e-005
643	+9.10e-005	+1.76e-004	-1.45e-004	+2.84e-004	+7.68e-006	-4.21e-006
644	+9.72e-005	+2.71e-005	-1.63e-004	+2.87e-004	+4.99e-006	+3.13e-007
645	-3.71e-004	+1.73e-004	-9.39e-005	-1.37e-004	-3.58e-004	-2.63e-004
646	-5.13e-004	+2.25e-004	-1.37e-004	-9.23e-005	-2.74e-004	-3.90e-004
647	+1.80e-004	+2.26e-004	-1.07e-004	+1.71e-004	+2.39e-005	-3.38e-005
648	-6.21e-004	+2.48e-004	-1.76e-004	-5.14e-005	-1.90e-004	-5.12e-004
649	-6.98e-004	+2.44e-004	-2.11e-004	-1.26e-005	-1.23e-004	-6.34e-004
650	-4.17e-007	+7.43e-007	-5.23e-006	-2.29e-004	-5.98e-004	-1.43e-006
651	-2.62e-004	+1.04e-004	-4.78e-005	-2.12e-004	-5.67e-004	-1.61e-004
652	-5.01e-004	+1.91e-004	-9.32e-005	-1.75e-004	-4.95e-004	-3.19e-004
653	-7.05e-004	+2.57e-004	-1.41e-004	-1.33e-004	-4.06e-004	-4.74e-004
654	-8.69e-004	+3.01e-004	-1.84e-004	-8.86e-005	-3.20e-004	-6.24e-004
655	-1.00e-003	+3.21e-004	-2.21e-004	-4.92e-005	-2.52e-004	-7.71e-004
656	+4.36e-003	+7.45e-004	+8.20e-006	-4.06e-003	+6.36e-004	+1.12e-003
657	-7.37e-007	+7.52e-007	-6.48e-006	-2.82e-004	-7.57e-004	-1.67e-006
658	-3.36e-004	+1.18e-004	-5.49e-005	-2.60e-004	-7.27e-004	-1.78e-004
659	-6.50e-004	+2.16e-004	-1.08e-004	-2.25e-004	-6.51e-004	-3.54e-004
660	-9.23e-004	+3.01e-004	-1.56e-004	-1.92e-004	-5.55e-004	-5.25e-004
661	-1.15e-003	+3.69e-004	-1.97e-004	-1.53e-004	-4.61e-004	-6.91e-004
662	-1.34e-003	+4.20e-004	-2.29e-004	-1.21e-004	-3.83e-004	-8.49e-004
663	-4.20e-004	+1.25e-004	-9.03e-005	-2.69e-004	-9.14e-004	-1.91e-004
664	-8.10e-004	+2.45e-004	-1.44e-004	-2.56e-004	-8.28e-004	-3.80e-004
665	-1.16e-003	+3.55e-004	-1.85e-004	-2.28e-004	-7.22e-004	-5.61e-004
666	-1.46e-003	+4.50e-004	-2.16e-004	-1.94e-004	-6.18e-004	-7.32e-004
667	-1.71e-003	+5.31e-004	-2.40e-004	-1.63e-004	-5.27e-004	-8.90e-004
668	-1.27e-006	+3.25e-006	-5.74e-006	-1.19e-004	-1.17e-003	-1.52e-006
669	-5.17e-004	+1.08e-004	-4.38e-005	-1.75e-004	-1.13e-003	-2.00e-004
670	-1.00e-003	+2.28e-004	-8.61e-005	-2.00e-004	-1.04e-003	-3.95e-004
671	-9.00e-007	+1.81e-006	-3.83e-006	-3.95e-004	-1.97e-005	-8.03e-009
672	-7.71e-007	+1.81e-006	-3.88e-006	-3.98e-004	-1.69e-005	-3.88e-009
673	-1.57e-005	+1.72e-004	-3.22e-005	-3.48e-004	-1.59e-005	+2.05e-006
674	-1.83e-005	+1.71e-004	-3.19e-005	-3.46e-004	-1.84e-005	+2.94e-006
675	-3.97e-005	+2.97e-004	-5.78e-005	-2.23e-004	-1.87e-005	+7.78e-006
676	-4.60e-005	+2.93e-004	-5.69e-005	-2.20e-004	-2.12e-005	+1.14e-005
677	-2.96e-005	+3.02e-004	-5.89e-005	-2.26e-004	-1.44e-005	+3.66e-006
678	-3.43e-005	+3.00e-004	-5.85e-005	-2.25e-004	-1.64e-005	+5.16e-006
679	-1.01e-004	+3.26e-004	-7.69e-005	-6.14e-005	-2.78e-005	+3.38e-005
680	-8.65e-005	+3.40e-004	-7.89e-005	-6.37e-005	-2.16e-005	+2.56e-005
681	-1.05e-004	+3.35e-004	-1.02e-004	+8.20e-005	-1.53e-005	+2.41e-005
682	-1.22e-004	+3.22e-004	-1.00e-004	+7.67e-005	-1.86e-005	+3.34e-005
683	-1.54e-004	+2.47e-004	-1.17e-004	+1.82e-004	+2.00e-006	+3.66e-005
684	-1.75e-004	+2.30e-004	-1.08e-004	+1.74e-004	-2.31e-005	+3.19e-005
685	-1.19e-004	+2.70e-004	-1.24e-004	+2.03e-004	-9.24e-006	+1.52e-005
686	-1.36e-004	+2.61e-004	-1.21e-004	+1.90e-004	-1.02e-005	+2.62e-005
687	-4.84e-005	+3.67e-004	-8.33e-005	-6.92e-005	-1.42e-005	+5.96e-006
688	-4.20e-005	+3.69e-004	-8.37e-005	-6.90e-005	-1.27e-005	+4.51e-006
689	-5.26e-005	+3.64e-004	-1.06e-004	+9.12e-005	-1.08e-005	+4.41e-006
690	-6.05e-005	+3.62e-004	-1.06e-004	+8.87e-005	-1.19e-005	+4.47e-006
691	-8.01e-005	+2.91e-004	-1.27e-004	+2.12e-004	-1.02e-005	+7.31e-006
692	-9.13e-005	+2.85e-004	-1.26e-004	+2.13e-004	-1.04e-005	+1.65e-005
693	-6.15e-005	+2.92e-004	-1.27e-004	+2.26e-004	-9.05e-006	+3.41e-006
694	-7.02e-005	+2.92e-004	-1.27e-004	+2.19e-004	-9.69e-006	-7.40e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
695	-1.43e-006	+1.80e-006	-3.54e-006	-3.78e-004	-3.13e-005	+7.22e-008
696	-2.88e-005	+1.63e-004	-2.99e-005	-3.31e-004	-2.86e-005	+8.72e-006
697	-5.35e-005	+2.87e-004	-5.57e-005	-2.15e-004	-2.45e-005	+1.56e-005
698	-7.46e-005	+3.50e-004	-8.06e-005	-6.53e-005	-2.00e-005	+1.94e-005
699	-7.77e-005	+1.74e-004	-1.45e-004	+2.97e-004	-7.47e-006	-1.26e-005
700	-6.84e-005	+1.70e-004	-1.45e-004	+3.08e-004	-7.26e-006	+1.74e-006
701	-7.42e-005	+8.60e-006	-1.62e-004	+2.96e-004	-5.44e-006	-5.60e-007
702	-8.37e-005	+1.99e-005	-1.62e-004	+2.92e-004	-5.31e-006	-2.80e-005
703	-7.81e-005	-1.25e-004	-1.75e-004	+2.46e-004	-4.48e-006	-2.87e-006
704	-8.73e-005	-1.18e-004	-1.76e-004	+2.50e-004	-4.08e-006	-2.41e-005
705	-1.13e-004	+1.62e-004	-1.45e-004	+2.93e-004	-6.06e-006	+9.49e-006
706	-1.18e-004	+8.37e-006	-1.63e-004	+2.82e-004	-2.13e-006	+2.53e-006
707	-1.44e-003	+3.42e-004	-1.23e-004	-1.97e-004	-9.19e-004	-5.80e-004
708	-1.82e-003	+4.46e-004	-1.52e-004	-1.89e-004	-7.98e-004	-7.50e-004
709	-2.15e-003	+5.36e-004	-1.76e-004	-1.77e-004	-6.89e-004	-9.05e-004
710	-1.40e-006	+2.92e-006	-2.66e-006	-1.54e-004	-1.39e-003	-6.93e-008
711	-6.15e-004	+1.03e-004	-2.35e-005	-1.74e-004	-1.35e-003	-2.02e-004
712	-1.19e-003	+2.19e-004	-4.64e-005	-2.06e-004	-1.24e-003	-3.97e-004
713	-1.72e-003	+3.38e-004	-6.96e-005	-2.13e-004	-1.11e-003	-5.81e-004
714	-2.18e-003	+4.48e-004	-9.15e-005	-2.05e-004	-9.73e-004	-7.48e-004
715	-2.59e-003	+5.46e-004	-1.11e-004	-1.91e-004	-8.44e-004	-8.97e-004
716	-1.75e-006	+2.23e-006	+7.06e-007	-1.46e-004	-1.62e-003	-3.65e-006
717	-8.19e-004	+1.09e-004	+5.10e-005	-2.35e-004	-1.79e-003	-2.24e-004
718	-7.15e-004	+1.00e-004	-1.31e-006	-2.00e-004	-1.57e-003	-2.07e-004
719	-1.59e-003	+2.30e-004	+6.82e-005	-2.63e-004	-1.66e-003	-4.28e-004
720	-1.39e-003	+2.21e-004	-3.44e-006	-2.34e-004	-1.45e-003	-4.03e-004
721	-2.29e-003	+3.54e-004	+6.65e-005	-2.60e-004	-1.49e-003	-6.14e-004
722	-2.00e-003	+3.43e-004	-1.22e-005	-2.35e-004	-1.30e-003	-5.85e-004
723	-2.92e-003	+4.71e-004	+5.31e-005	-2.44e-004	-1.31e-003	-7.78e-004
724	-2.55e-003	+4.57e-004	-2.63e-005	-2.26e-004	-1.14e-003	-7.49e-004
725	-3.46e-003	+5.77e-004	+3.33e-005	-2.21e-004	-1.13e-003	-9.17e-004
726	-3.02e-003	+5.60e-004	-4.29e-005	-2.08e-004	-9.92e-004	-8.93e-004
727	-5.04e-003	+1.05e-003	-1.10e-004	-1.53e-004	-5.19e-004	-1.44e-003
728	-4.32e-003	+1.01e-003	-1.71e-004	-1.48e-004	-4.61e-004	-1.50e-003
729	-3.58e-003	+9.73e-004	-2.31e-004	-1.35e-004	-3.84e-004	-1.56e-003
730	-2.16e-003	+6.98e-004	-2.89e-004	-8.03e-005	-2.13e-004	-1.53e-003
731	-1.55e-003	+4.81e-004	-2.92e-004	-5.24e-005	-1.31e-004	-1.40e-003
732	-1.01e-003	+2.91e-004	-2.97e-004	-2.73e-005	-5.26e-005	-1.19e-003
733	-3.79e-004	-1.51e-004	-2.87e-004	+9.02e-005	+4.23e-005	-5.49e-004
734	-2.59e-004	-3.19e-004	-2.68e-004	+1.44e-004	+6.40e-005	-3.02e-004
735	-1.95e-004	-4.05e-004	-2.42e-004	+1.75e-004	+9.36e-005	-1.44e-004
736	-1.58e-004	-4.45e-004	-2.05e-004	+2.36e-004	+5.33e-005	-1.16e-006
737	-1.53e-004	-4.42e-004	-2.00e-004	+2.34e-004	+4.73e-005	+8.07e-006
738	-1.48e-004	-4.37e-004	-1.92e-004	+2.27e-004	+4.72e-005	+6.90e-006
739	-8.11e-005	-2.30e-004	-1.87e-004	+2.00e-004	-3.98e-006	-4.64e-006
740	-9.00e-005	-2.25e-004	-1.88e-004	+2.05e-004	-3.40e-006	-1.38e-005
741	-1.27e-004	-3.15e-004	-1.96e-004	+2.00e-004	+6.25e-006	-8.50e-007
742	-1.35e-004	-3.16e-004	-1.92e-004	+2.09e-004	+1.10e-005	+5.57e-006
743	-1.36e-004	-4.24e-004	-1.90e-004	+2.16e-004	+1.70e-005	+1.85e-005
744	-1.23e-004	-4.12e-004	-2.00e-004	+2.00e-004	+6.27e-006	+6.55e-006
745	-1.30e-004	-4.17e-004	-1.96e-004	+2.08e-004	+1.11e-005	+1.37e-005
746	-8.31e-005	-3.25e-004	-1.95e-004	+1.92e-004	-3.22e-006	-5.76e-006
747	-9.16e-005	-3.21e-004	-1.97e-004	+1.94e-004	-2.71e-006	-9.02e-006
748	-1.01e-004	-4.11e-004	-2.02e-004	+1.93e-004	-1.67e-006	-5.04e-006
749	-1.09e-004	-4.10e-004	-2.02e-004	+1.93e-004	-2.71e-008	-8.99e-007
750	-8.47e-005	-4.18e-004	-1.99e-004	+1.93e-004	-3.05e-006	-6.62e-006
751	-9.29e-005	-4.14e-004	-2.01e-004	+1.93e-004	-2.61e-006	-7.71e-006
752	-1.19e-004	-1.19e-004	-1.77e-004	+2.35e-004	+3.66e-007	-2.43e-006
753	-1.19e-004	-2.21e-004	-1.89e-004	+1.97e-004	+1.97e-006	-3.62e-006
754	-1.08e-005	-2.33e-004	-1.80e-004	+2.19e-004	-8.75e-007	-2.27e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
755	-1.68e-005	-2.35e-004	-1.80e-004	+2.13e-004	-1.35e-006	+8.09e-006
756	-4.42e-005	-3.32e-004	-1.89e-004	+2.00e-004	-2.43e-006	+9.32e-007
757	-5.15e-005	-3.32e-004	-1.90e-004	+1.96e-004	-2.78e-006	-2.62e-006
758	-6.05e-005	-4.25e-004	-1.95e-004	+1.97e-004	-2.80e-006	-5.66e-006
759	-4.55e-005	-4.28e-004	-1.93e-004	+1.98e-004	-2.15e-006	-1.49e-006
760	-5.29e-005	-4.27e-004	-1.94e-004	+1.97e-004	-2.49e-006	-3.52e-006
761	-1.14e-005	-3.34e-004	-1.87e-004	+2.04e-004	-6.32e-007	-3.71e-007
762	-1.76e-005	-3.35e-004	-1.87e-004	+2.01e-004	-9.75e-007	+2.37e-006
763	-2.47e-005	-4.31e-004	-1.91e-004	+1.99e-004	-1.14e-006	-1.21e-006
764	-3.14e-005	-4.30e-004	-1.92e-004	+1.99e-004	-1.46e-006	-2.95e-006
765	-1.17e-005	-4.31e-004	-1.91e-004	+2.01e-004	-5.37e-007	-5.21e-007
766	-1.81e-005	-4.32e-004	-1.91e-004	+2.00e-004	-8.30e-007	+4.58e-007
767	-3.34e-005	-1.17e-004	-1.70e-004	+2.65e-004	-2.84e-006	-4.68e-007
768	-3.56e-005	-2.32e-004	-1.81e-004	+2.18e-004	-2.76e-006	-9.89e-007
769	+5.17e-005	-2.35e-004	-1.83e-004	+2.04e-004	+3.76e-006	+1.83e-006
770	+4.45e-005	-2.34e-004	-1.82e-004	+2.11e-004	+3.35e-006	-7.05e-006
771	+1.95e-005	-3.35e-004	-1.87e-004	+2.01e-004	+1.05e-006	-2.29e-006
772	+1.32e-005	-3.34e-004	-1.87e-004	+2.04e-004	+7.02e-007	+4.40e-007
773	+7.25e-006	-4.32e-004	-1.90e-004	+2.00e-004	+3.02e-007	+1.62e-006
774	+2.01e-005	-4.31e-004	-1.91e-004	+2.00e-004	+8.84e-007	-3.44e-007
775	+1.36e-005	-4.31e-004	-1.91e-004	+2.01e-004	+5.87e-007	+6.19e-007
776	+5.39e-005	-3.32e-004	-1.90e-004	+1.96e-004	+2.89e-006	+2.86e-006
777	+4.65e-005	-3.32e-004	-1.90e-004	+1.99e-004	+2.53e-006	-7.40e-007
778	+4.05e-005	-4.29e-004	-1.93e-004	+2.00e-004	+1.87e-006	+2.38e-006
779	+3.35e-005	-4.30e-004	-1.92e-004	+1.99e-004	+1.53e-006	+3.12e-006
780	+5.53e-005	-4.27e-004	-1.94e-004	+1.96e-004	+2.57e-006	+3.86e-006
781	+4.78e-005	-4.28e-004	-1.93e-004	+1.98e-004	+2.22e-006	+1.75e-006
782	+2.31e-005	-1.29e-004	-1.69e-004	+2.53e-004	+2.00e-006	+2.87e-007
783	+2.48e-005	-2.38e-004	-1.80e-004	+2.07e-004	+1.95e-006	+6.02e-007
784	+1.45e-004	-2.12e-004	-1.84e-004	+2.13e-004	-1.06e-005	+2.74e-006
785	+1.34e-004	-2.15e-004	-1.88e-004	+2.03e-004	-5.49e-006	+1.17e-005
786	+9.49e-005	-3.19e-004	-1.97e-004	+1.93e-004	+2.81e-006	+9.73e-006
787	+8.62e-005	-3.23e-004	-1.96e-004	+1.91e-004	+3.33e-006	+6.35e-006
788	+7.94e-005	-4.19e-004	-1.98e-004	+1.94e-004	+3.25e-006	+5.45e-006
789	+9.62e-005	-4.12e-004	-2.01e-004	+1.92e-004	+2.70e-006	+8.62e-006
790	+8.78e-005	-4.16e-004	-2.00e-004	+1.92e-004	+3.15e-006	+7.40e-006
791	+1.40e-004	-3.12e-004	-1.93e-004	+2.07e-004	-1.14e-005	-4.66e-006
792	+1.31e-004	-3.12e-004	-1.96e-004	+1.98e-004	-6.41e-006	+1.78e-006
793	+1.20e-004	-4.07e-004	-2.02e-004	+1.93e-004	-2.62e-006	-1.08e-006
794	+1.13e-004	-4.07e-004	-2.03e-004	+1.92e-004	+4.31e-008	+1.99e-006
795	+1.34e-004	-4.12e-004	-1.96e-004	+2.06e-004	-1.14e-005	-1.27e-005
796	+1.27e-004	-4.08e-004	-2.00e-004	+1.98e-004	-6.43e-006	-5.45e-006
797	+1.01e-004	-1.10e-004	-1.77e-004	+2.52e-004	+3.37e-006	+4.05e-006
798	+1.03e-004	-2.19e-004	-1.90e-004	+2.08e-004	+2.41e-006	+6.03e-006
799	+1.52e-004	-4.31e-004	-1.91e-004	+2.25e-004	-4.74e-005	-6.04e-006
800	+1.57e-004	-4.36e-004	-1.98e-004	+2.32e-004	-4.81e-005	-7.69e-006
801	+1.63e-004	-4.39e-004	-2.03e-004	+2.35e-004	-5.38e-005	+8.71e-007
802	+2.00e-004	-4.00e-004	-2.36e-004	+1.75e-004	-9.51e-005	+1.42e-004
803	+2.63e-004	-3.16e-004	-2.61e-004	+1.45e-004	-6.67e-005	+2.96e-004
804	+3.81e-004	-1.52e-004	-2.78e-004	+9.24e-005	-4.52e-005	+5.38e-004
805	+1.01e-003	+2.83e-004	-2.86e-004	-2.54e-005	+4.61e-005	+1.17e-003
806	+1.54e-003	+4.70e-004	-2.81e-004	-5.10e-005	+1.24e-004	+1.39e-003
807	+2.14e-003	+6.85e-004	-2.77e-004	-7.87e-005	+2.06e-004	+1.51e-003
808	+5.11e-003	+9.16e-004	-2.03e-005	-4.97e-004	+6.46e-004	+1.30e-003
809	+3.54e-003	+9.57e-004	-2.16e-004	-1.36e-004	+3.75e-004	+1.55e-003
810	+4.28e-003	+9.97e-004	-1.56e-004	-1.49e-004	+4.52e-004	+1.49e-003
811	+5.41e-003	+9.93e-004	-2.77e-005	-6.39e-005	+5.81e-004	+1.36e-003
812	+4.99e-003	+1.03e-003	-9.32e-005	-1.58e-004	+5.10e-004	+1.42e-003
813	-3.78e-008	+1.81e-006	-4.05e-006	-4.04e-004	-8.38e-007	-6.52e-009
814	-7.82e-007	+1.75e-004	-3.32e-005	-3.54e-004	-8.14e-007	-2.39e-008

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
815	-1.50e-006	+3.07e-004	-6.00e-005	-2.31e-004	-7.72e-007	-1.33e-007
816	-2.17e-006	+3.75e-004	-8.41e-005	-7.12e-005	-7.23e-007	-5.40e-007
817	-2.06e-005	+3.70e-004	-1.06e-004	+8.86e-005	-4.80e-006	+6.67e-007
818	-2.45e-005	+3.00e-004	-1.25e-004	+2.19e-004	-4.29e-006	+5.81e-007
819	-2.78e-006	+3.70e-004	-1.06e-004	+9.04e-005	-6.66e-007	-1.84e-006
820	-3.33e-006	+2.99e-004	-1.25e-004	+2.24e-004	-6.03e-007	-5.56e-006
821	-3.81e-006	+1.78e-004	-1.41e-004	+3.04e-004	-5.36e-007	-1.50e-005
822	-4.27e-006	+1.94e-005	-1.57e-004	+3.02e-004	-4.43e-007	-2.72e-005
823	-4.62e-006	-1.23e-004	-1.68e-004	+2.60e-004	-4.15e-007	-2.05e-005
824	+5.03e-007	+1.81e-006	-3.98e-006	-4.02e-004	+1.11e-005	+7.42e-009
825	+1.03e-005	+1.74e-004	-3.28e-005	-3.52e-004	+1.06e-005	-7.09e-007
826	+1.96e-005	+3.05e-004	-5.95e-005	-2.29e-004	+9.83e-006	-1.20e-006
827	+2.81e-005	+3.73e-004	-8.40e-005	-7.05e-005	+8.95e-006	-1.15e-006
828	+1.41e-005	+3.69e-004	-1.06e-004	+9.22e-005	+3.31e-006	-3.81e-007
829	+1.68e-005	+2.96e-004	-1.25e-004	+2.29e-004	+2.98e-006	-3.32e-007
830	+3.56e-005	+3.68e-004	-1.06e-004	+9.02e-005	+7.99e-006	+9.19e-008
831	+4.21e-005	+2.96e-004	-1.26e-004	+2.23e-004	+6.99e-006	+4.06e-006
832	+4.76e-005	+1.77e-004	-1.43e-004	+3.02e-004	+5.97e-006	+1.40e-005
833	+5.24e-005	+1.94e-005	-1.59e-004	+2.99e-004	+4.79e-006	+2.71e-005
834	+5.60e-005	-1.21e-004	-1.72e-004	+2.56e-004	+4.30e-006	+2.16e-005
835	+2.21e-006	+1.64e-006	-3.23e-006	-3.31e-004	+3.46e-005	-8.31e-007
836	+4.68e-005	+1.43e-004	-2.66e-005	-2.89e-004	+3.89e-005	-1.94e-005
837	+8.81e-005	+2.50e-004	-5.11e-005	-1.86e-004	+3.20e-005	-3.48e-005
838	+1.21e-004	+3.05e-004	-7.44e-005	-5.62e-005	+2.00e-005	-4.35e-005
839	+7.18e-005	+3.58e-004	-1.06e-004	+8.57e-005	+1.35e-005	-1.00e-005
840	+8.28e-005	+2.90e-004	-1.27e-004	+2.12e-004	+1.05e-005	-7.81e-006
841	+1.44e-004	+3.01e-004	-9.62e-005	+7.29e-005	+8.07e-006	-4.42e-005
842	+1.59e-004	+2.43e-004	-1.16e-004	+1.80e-004	-2.03e-006	-3.84e-005
843	+1.66e-004	+1.46e-004	-1.34e-004	+2.46e-004	-1.02e-005	-3.13e-005
844	+1.67e-004	+1.61e-005	-1.51e-004	+2.53e-004	-1.43e-005	-2.53e-005
845	+1.63e-004	-1.07e-004	-1.65e-004	+2.31e-004	-1.50e-005	-1.24e-005
846	-6.61e-007	+1.81e-006	-3.93e-006	-4.00e-004	-1.45e-005	+3.26e-009
847	-1.35e-005	+1.73e-004	-3.25e-005	-3.50e-004	-1.38e-005	+1.46e-006
848	-2.55e-005	+3.04e-004	-5.92e-005	-2.28e-004	-1.25e-005	+2.72e-006
849	-3.63e-005	+3.71e-004	-8.39e-005	-7.00e-005	-1.12e-005	+3.75e-006
850	-9.16e-005	+3.45e-004	-1.04e-004	+8.63e-005	-1.52e-005	+1.92e-005
851	-1.04e-004	+2.77e-004	-1.26e-004	+2.14e-004	-1.05e-005	+1.55e-005
852	-4.58e-005	+3.66e-004	-1.06e-004	+8.98e-005	-9.76e-006	+5.04e-006
853	-5.37e-005	+2.95e-004	-1.27e-004	+2.22e-004	-8.32e-006	+8.15e-006
854	-6.01e-005	+1.76e-004	-1.44e-004	+3.00e-004	-6.86e-006	+1.65e-005
855	-6.56e-005	+1.94e-005	-1.61e-004	+2.97e-004	-5.32e-006	+2.71e-005
856	-6.94e-005	-1.20e-004	-1.74e-004	+2.54e-004	-4.56e-006	+1.85e-005
857	-7.26e-005	-2.30e-004	-1.86e-004	+2.07e-004	-4.20e-006	+4.80e-006
858	-1.18e-004	-3.16e-004	-1.98e-004	+1.94e-004	+2.60e-006	-1.23e-006
859	-1.16e-004	-4.10e-004	-2.02e-004	+1.95e-004	+2.56e-006	+2.20e-006
860	-7.48e-005	-3.26e-004	-1.94e-004	+1.95e-004	-3.38e-006	-2.02e-006
861	-7.65e-005	-4.20e-004	-1.98e-004	+1.94e-004	-3.15e-006	-4.80e-006
862	-4.96e-006	-2.35e-004	-1.79e-004	+2.14e-004	-4.07e-007	-8.56e-006
863	-3.73e-005	-3.32e-004	-1.89e-004	+2.03e-004	-2.06e-006	-1.57e-006
864	-3.83e-005	-4.29e-004	-1.92e-004	+2.00e-004	-1.80e-006	-2.17e-006
865	-5.20e-006	-3.35e-004	-1.87e-004	+2.02e-004	-2.97e-007	-3.14e-006
866	-5.36e-006	-4.32e-004	-1.90e-004	+2.00e-004	-2.54e-007	-1.53e-006
867	+5.92e-005	-2.32e-004	-1.84e-004	+2.10e-004	+4.10e-006	+1.08e-005
868	+2.60e-005	-3.35e-004	-1.88e-004	+1.99e-004	+1.41e-006	+9.70e-007
869	+2.67e-005	-4.31e-004	-1.91e-004	+1.99e-004	+1.20e-006	+1.35e-006
870	+6.15e-005	-3.29e-004	-1.92e-004	+1.97e-004	+3.20e-006	+6.59e-006
871	+6.31e-005	-4.24e-004	-1.96e-004	+1.96e-004	+2.89e-006	+6.09e-006
872	+1.57e-004	-2.13e-004	-1.77e-004	+2.14e-004	-1.52e-005	-5.73e-006
873	+1.04e-004	-3.15e-004	-1.98e-004	+1.95e-004	+1.77e-006	+6.30e-006
874	+1.04e-004	-4.09e-004	-2.02e-004	+1.92e-004	+1.73e-006	+6.06e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
875	+1.49e-004	-3.16e-004	-1.86e-004	+2.13e-004	-1.70e-005	-9.62e-006
876	+1.41e-004	-4.19e-004	-1.90e-004	+2.14e-004	-1.75e-005	-1.75e-005

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-5.73e-003	+1.09e-003	-2.98e-004	+2.03e-002	+2.35e-003	-1.58e-003	+5.83e-003
Nodo	33	33	34	7	78	38	33

COMBINAZIONE DI CARICO: 5 - DESCRIZIONE: QUASI PERMANENTE

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
1	-2.07e-006	+1.34e-006	-3.80e-006	-3.16e-004	-1.19e-004	+1.37e-006
2	-5.66e-007	+1.81e-006	-3.96e-006	-4.01e-004	-1.25e-005	-1.99e-009
3	+6.83e-009	+1.81e-006	-4.05e-006	-4.04e-004	+1.51e-007	-1.47e-011
4	+5.88e-007	+1.81e-006	-3.95e-006	-4.01e-004	+1.29e-005	+1.95e-009
5	+2.18e-006	+1.30e-006	-3.71e-006	-3.10e-004	+1.23e-004	-1.41e-006
6	-5.44e-006	+1.65e-006	+2.98e-006	-1.68e-004	-1.84e-003	-5.45e-006
7	+3.44e-003	+5.51e-004	+4.67e-005	+2.03e-002	+2.17e-003	+9.09e-004
8	+3.00e-003	+5.34e-004	-2.91e-005	+2.29e-003	+1.11e-003	+8.85e-004
9	-7.87e-007	+3.21e-006	-1.03e-005	-2.75e-004	-9.51e-004	-2.37e-006
10	+8.38e-007	+2.75e-006	-9.60e-006	-2.55e-004	+9.47e-004	+2.19e-006
11	+2.57e-003	+5.21e-004	-9.68e-005	-8.58e-004	+8.02e-004	+8.88e-004
12	+2.14e-003	+5.12e-004	-1.61e-004	-9.95e-006	+6.91e-004	+8.95e-004
13	-1.91e-006	+4.61e-007	-4.10e-006	-2.21e-004	-1.72e-004	+5.10e-007
14	-1.71e-004	-1.11e-004	-1.55e-004	+2.25e-004	+2.44e-005	-7.97e-006
15	-6.13e-005	-1.16e-004	-1.73e-004	+2.61e-004	-4.42e-006	-1.39e-006
16	+8.23e-007	-1.29e-004	-1.68e-004	+2.53e-004	+6.08e-008	+8.27e-009
17	+6.38e-005	-1.15e-004	-1.73e-004	+2.61e-004	+4.59e-006	+1.51e-006
18	+1.77e-004	-1.09e-004	-1.55e-004	+2.22e-004	-2.47e-005	+8.45e-006
19	+4.76e-003	+8.35e-004	-6.91e-006	+1.07e-003	+8.26e-004	+1.20e-003
20	-5.18e-004	+8.68e-005	-2.67e-004	-1.31e-004	+5.52e-005	-6.58e-004
21	+5.26e-004	+8.37e-005	-2.56e-004	-1.26e-004	-5.44e-005	+6.47e-004
22	+2.48e-004	-1.13e-004	-1.74e-004	+2.21e-004	-2.17e-005	-2.27e-005
23	-2.40e-004	-1.15e-004	-1.78e-004	+2.25e-004	+2.13e-005	+2.36e-005
24	+2.33e-003	+7.18e-004	-2.61e-004	-1.42e-004	+3.67e-004	+1.29e-003
25	-1.80e-004	+1.36e-004	-1.24e-004	+2.42e-004	-1.30e-005	+1.65e-005
26	-5.25e-005	+1.80e-004	-1.44e-004	+2.93e-004	-6.34e-006	+1.21e-006
27	-1.42e-004	-4.32e-004	-1.80e-004	+2.26e-004	+2.41e-005	+1.26e-005
28	-6.84e-005	-4.22e-004	-1.97e-004	+1.96e-004	-3.04e-006	-5.26e-006
29	+9.41e-007	-4.32e-004	-1.90e-004	+2.00e-004	+2.36e-008	+4.29e-008
30	+7.12e-005	-4.21e-004	-1.97e-004	+1.96e-004	+3.14e-006	+5.79e-006
31	+1.47e-004	-4.27e-004	-1.80e-004	+2.24e-004	-2.51e-005	-1.16e-005
32	+5.67e-003	+1.07e-003	-3.01e-005	-2.05e-004	+5.41e-004	+1.39e-003
33	-5.73e-003	+1.09e-003	-4.78e-005	-1.55e-004	-5.52e-004	-1.40e-003
34	-5.82e-004	+1.36e-004	-2.98e-004	+3.49e-005	+6.69e-006	-8.86e-004
35	+5.81e-004	+1.30e-004	-2.87e-004	+3.66e-005	-1.29e-005	+8.73e-004
36	+1.70e-004	-4.34e-004	-2.03e-004	+2.30e-004	-5.90e-005	+4.54e-005
37	-1.65e-004	-4.39e-004	-2.07e-004	+2.32e-004	+5.64e-005	-4.64e-005
38	-2.81e-003	+9.29e-004	-2.85e-004	-1.25e-004	-2.92e-004	-1.58e-003
39	+2.78e-003	+9.13e-004	-2.71e-004	-1.25e-004	+2.84e-004	+1.56e-003
40	+6.81e-007	+1.73e-004	-1.41e-004	+3.14e-004	+8.59e-008	-6.65e-009
41	+5.46e-005	+1.80e-004	-1.44e-004	+2.93e-004	+6.59e-006	-1.31e-006
42	+1.86e-004	+1.34e-004	-1.23e-004	+2.38e-004	+1.34e-005	-1.76e-005
43	+3.90e-003	+6.46e-004	+2.80e-005	+1.41e-002	+1.70e-003	+1.02e-003
44	-4.89e-004	+1.41e-004	-2.18e-004	+2.06e-004	-8.10e-005	-4.98e-004
45	+4.98e-004	+1.31e-004	-2.07e-004	+1.90e-004	+7.87e-005	+4.88e-004
46	+2.68e-004	+7.28e-005	-1.35e-004	+1.39e-004	-7.60e-006	-5.36e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl_Z	Rotaz.X	Rotaz.Y	Rotaz.Z
47	-2.59e-004	+7.73e-005	-1.40e-004	+1.48e-004	+7.09e-006	+5.36e-005
48	+1.92e-003	+5.76e-004	-2.42e-004	-1.41e-004	+4.54e-004	+1.02e-003
49	-1.93e-003	+5.99e-004	-2.57e-004	-1.36e-004	-4.59e-004	-1.03e-003
50	-2.35e-003	+7.36e-004	-2.76e-004	-1.39e-004	-3.73e-004	-1.31e-003
51	-3.93e-003	+6.71e-004	+1.21e-005	-1.99e-004	-9.79e-004	-1.03e-003
52	-4.80e-003	+8.56e-004	-2.45e-005	-1.70e-004	-7.73e-004	-1.21e-003
53	-4.83e-007	+1.81e-006	-3.98e-006	-4.02e-004	-1.06e-005	-7.47e-009
54	-9.91e-006	+1.74e-004	-3.28e-005	-3.52e-004	-1.02e-005	+6.54e-007
55	-1.16e-005	+1.73e-004	-3.27e-005	-3.51e-004	-1.19e-005	+9.89e-007
56	-4.56e-005	+1.77e-004	-1.43e-004	+3.02e-004	-5.73e-006	-1.41e-005
57	-5.03e-005	+1.94e-005	-1.59e-004	+2.99e-004	-4.61e-006	-2.71e-005
58	-5.77e-005	+2.63e-005	-1.60e-004	+2.96e-004	-5.02e-006	+5.97e-008
59	+5.16e-008	+1.81e-006	-4.05e-006	-4.04e-004	+1.14e-006	+6.49e-009
60	+1.06e-006	+1.75e-004	-3.32e-005	-3.54e-004	+1.10e-006	+1.46e-008
61	+1.40e-007	+1.75e-004	-3.32e-005	-3.54e-004	+1.44e-007	-4.51e-009
62	+5.18e-006	+1.78e-004	-1.41e-004	+3.04e-004	+7.09e-007	+1.49e-005
63	+5.80e-006	+1.94e-005	-1.57e-004	+3.02e-004	+5.76e-007	+2.72e-005
64	+7.62e-007	+8.52e-006	-1.56e-004	+3.03e-004	+6.64e-008	-1.63e-010
65	+6.86e-007	+1.81e-006	-3.92e-006	-3.99e-004	+1.51e-005	-3.29e-009
66	+1.40e-005	+1.73e-004	-3.24e-005	-3.50e-004	+1.43e-005	-1.56e-006
67	+1.20e-005	+1.73e-004	-3.26e-005	-3.51e-004	+1.23e-005	-1.06e-006
68	+6.24e-005	+1.75e-004	-1.44e-004	+3.00e-004	+7.12e-006	-1.66e-005
69	+6.81e-005	+1.94e-005	-1.61e-004	+2.96e-004	+5.52e-006	-2.71e-005
70	+6.00e-005	+2.63e-005	-1.60e-004	+2.96e-004	+5.21e-006	-6.31e-008
71	+2.17e-006	+2.61e-007	-3.72e-006	-2.09e-004	+1.80e-004	-6.74e-007
72	+2.40e-007	+4.41e-007	-7.83e-006	-1.96e-004	+3.34e-004	+7.41e-007
73	+5.62e-005	+1.34e-004	-3.25e-005	-2.70e-004	+1.12e-004	-2.08e-005
74	+2.05e-004	+1.25e-004	-1.31e-004	+2.05e-004	-3.19e-005	-3.73e-006
75	+2.02e-004	+9.93e-006	-1.50e-004	+2.23e-004	-3.98e-005	+2.57e-005
76	+1.87e-004	+5.85e-006	-1.40e-004	+2.43e-004	-7.80e-006	-2.20e-006
77	-1.85e-008	+8.36e-007	-8.46e-006	-2.14e-004	-3.29e-004	-1.03e-006
78	+5.41e-006	+1.50e-006	+2.94e-006	+1.01e-002	+2.35e-003	+5.40e-006
79	+2.90e-003	+4.47e-004	+6.29e-005	-5.44e-003	+1.03e-003	+7.71e-004
80	+2.85e-004	+3.30e-005	-1.53e-004	+1.17e-004	-4.29e-005	-3.96e-005
81	+2.80e-004	-4.70e-005	-1.81e-004	+1.38e-004	-6.12e-005	-3.66e-005
82	+2.55e-004	-5.06e-006	-1.57e-004	+1.84e-004	-2.00e-005	-3.64e-005
83	+7.64e-004	+1.98e-004	-2.30e-004	+2.23e-006	+9.58e-005	+7.41e-004
84	+8.23e-004	+1.70e-004	-2.42e-004	-1.77e-005	+9.02e-005	+8.48e-004
85	+5.51e-004	+2.30e-005	-2.33e-004	+5.32e-005	+2.86e-005	+4.97e-004
86	+2.42e-003	+5.91e-004	-1.79e-004	-1.02e-004	+5.97e-004	+1.03e-003
87	+2.70e-003	+6.73e-004	-1.93e-004	-1.73e-004	+5.22e-004	+1.16e-003
88	+2.13e-003	+6.49e-004	-2.55e-004	-1.40e-004	+3.99e-004	+1.16e-003
89	+2.53e-003	+4.33e-004	-1.44e-005	-8.28e-004	+1.10e-003	+7.43e-004
90	+2.17e-003	+4.24e-004	-7.84e-005	-3.90e-005	+9.73e-004	+7.41e-004
91	+1.81e-003	+4.22e-004	-1.39e-004	-2.27e-004	+7.89e-004	+7.42e-004
92	+2.28e-003	+3.33e-004	+7.22e-005	-3.37e-005	+1.49e-003	+6.09e-004
93	+1.99e-003	+3.22e-004	-2.89e-006	-9.42e-005	+1.30e-003	+5.80e-004
94	+1.71e-003	+3.17e-004	-5.86e-005	-2.41e-004	+1.10e-003	+5.75e-004
95	-2.13e-006	+1.65e-006	-3.29e-006	-3.36e-004	-3.33e-005	+7.66e-007
96	-4.53e-005	+1.45e-004	-2.70e-005	-2.92e-004	-3.81e-005	+1.83e-005
97	-5.43e-005	+1.36e-004	-3.32e-005	-2.75e-004	-1.09e-004	+1.95e-005
98	-1.61e-004	+1.48e-004	-1.34e-004	+2.50e-004	+1.00e-005	+3.03e-005
99	-1.62e-004	+1.62e-005	-1.52e-004	+2.57e-004	+1.40e-005	+2.54e-005
100	-1.82e-004	+5.96e-006	-1.41e-004	+2.48e-004	+7.72e-006	+2.01e-006
101	-2.38e-004	+1.03e-004	-1.41e-004	+1.60e-004	+2.35e-005	+3.88e-005
102	-2.33e-004	+9.01e-006	-1.61e-004	+2.00e-004	+3.71e-005	+1.23e-005
103	-2.47e-004	-4.86e-006	-1.61e-004	+1.91e-004	+1.94e-005	+3.74e-005
104	+1.43e-003	+3.22e-004	-1.11e-004	-1.84e-004	+9.12e-004	+5.74e-004
105	+1.58e-003	+2.16e-004	+7.00e-005	+3.91e-003	+1.86e-003	+4.25e-004
106	+1.38e-003	+2.06e-004	+3.11e-006	+2.09e-004	+1.46e-003	+4.00e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
107	+1.19e-003	+2.04e-004	-3.83e-005	-3.13e-004	+1.23e-003	+3.93e-004
108	+9.95e-004	+2.13e-004	-7.73e-005	-1.65e-004	+1.03e-003	+3.91e-004
109	+8.13e-004	+1.02e-004	+5.04e-005	-1.72e-002	+9.02e-004	+2.22e-004
110	-3.74e-004	+2.28e-005	-1.94e-004	+1.42e-004	+4.88e-005	-1.85e-004
111	-3.77e-004	-5.92e-005	-2.30e-004	+9.27e-005	+3.36e-005	-1.88e-004
112	-5.44e-004	+2.42e-005	-2.44e-004	+6.02e-005	-3.02e-005	-5.02e-004
113	+1.76e-006	+1.91e-006	+1.08e-006	-2.83e-003	+1.47e-003	+3.62e-006
114	+7.10e-004	+9.28e-005	+2.40e-006	-1.75e-003	+1.48e-003	+2.06e-004
115	+1.42e-006	+2.50e-006	-2.08e-006	+5.74e-004	+1.42e-003	+9.43e-008
116	-1.51e-003	+4.58e-004	-2.52e-004	-1.04e-004	-3.27e-004	-9.95e-004
117	-1.67e-003	+4.98e-004	-2.66e-004	-9.56e-005	-2.94e-004	-1.14e-003
118	-2.15e-003	+6.69e-004	-2.70e-004	-1.36e-004	-4.04e-004	-1.18e-003
119	+6.12e-004	+9.46e-005	-1.89e-005	+2.52e-004	+1.36e-003	+2.00e-004
120	+1.29e-006	+2.79e-006	-5.09e-006	-2.91e-004	+1.16e-003	+1.52e-006
121	+5.14e-004	+9.95e-005	-3.88e-005	-2.72e-004	+1.12e-003	+1.98e-004
122	-3.44e-003	+6.51e-004	-5.97e-005	-1.90e-004	-8.62e-004	-1.02e-003
123	-3.85e-003	+7.44e-004	-7.64e-005	-1.75e-004	-7.52e-004	-1.13e-003
124	-4.40e-003	+7.68e-004	-8.99e-006	-1.81e-004	-8.44e-004	-1.13e-003
125	-4.21e-003	+8.29e-004	-8.89e-005	-1.66e-004	-6.91e-004	-1.22e-003
126	-4.52e-003	+9.05e-004	-1.01e-004	-1.56e-004	-5.92e-004	-1.31e-003
127	-5.16e-003	+9.35e-004	-3.81e-005	-1.61e-004	-6.72e-004	-1.31e-003
128	-1.81e-003	+5.45e-004	-2.74e-004	-9.89e-005	-2.73e-004	-1.27e-003
129	-1.94e-003	+5.99e-004	-2.81e-004	-9.89e-005	-2.57e-004	-1.37e-003
130	-2.51e-003	+8.06e-004	-2.81e-004	-1.52e-004	-3.25e-004	-1.41e-003
131	-3.76e-004	-9.13e-005	-2.61e-004	+4.13e-005	+5.51e-006	-2.83e-004
132	-3.74e-004	-9.86e-005	-2.73e-004	+1.14e-005	-1.08e-006	-3.87e-004
133	-5.39e-004	+1.19e-004	-2.85e-004	-5.54e-005	-7.06e-005	-7.34e-004
134	-2.21e-004	-1.02e-004	-1.76e-004	+2.23e-004	+4.56e-005	+7.13e-006
135	-2.04e-004	-2.17e-004	-1.92e-004	+2.39e-004	+5.07e-005	+8.63e-006
136	-2.18e-004	-2.23e-004	-1.93e-004	+2.28e-004	+5.28e-005	+5.66e-007
137	-1.58e-004	-1.08e-004	-1.65e-004	+2.34e-004	+1.46e-005	+1.30e-005
138	-1.52e-004	-2.16e-004	-1.77e-004	+2.16e-004	+1.48e-005	+6.51e-006
139	-1.64e-004	-2.17e-004	-1.68e-004	+2.17e-004	+2.35e-005	-5.51e-006
140	-5.37e-005	-1.21e-004	-1.72e-004	+2.57e-004	-4.13e-006	-2.15e-005
141	-5.68e-005	-2.32e-004	-1.84e-004	+2.10e-004	-3.94e-006	-1.06e-005
142	-6.45e-005	-2.29e-004	-1.85e-004	+2.14e-004	-4.16e-006	-2.83e-006
143	+6.27e-006	-1.23e-004	-1.68e-004	+2.60e-004	+5.38e-007	+2.05e-005
144	+6.73e-006	-2.35e-004	-1.79e-004	+2.14e-004	+5.25e-007	+8.60e-006
145	+8.82e-007	-2.38e-004	-1.79e-004	+2.08e-004	+5.86e-008	+1.81e-008
146	+7.21e-005	-1.20e-004	-1.74e-004	+2.53e-004	+4.73e-006	-1.84e-005
147	+7.53e-005	-2.29e-004	-1.86e-004	+2.07e-004	+4.35e-006	-4.47e-006
148	+6.71e-005	-2.28e-004	-1.85e-004	+2.14e-004	+4.32e-006	+3.08e-006
149	+1.93e-004	-1.04e-004	-1.64e-004	+2.16e-004	-4.02e-005	+2.98e-005
150	+1.82e-004	-2.12e-004	-1.77e-004	+2.20e-004	-4.19e-005	+1.75e-005
151	+1.69e-004	-2.14e-004	-1.67e-004	+2.15e-004	-2.43e-005	+6.37e-006
152	+2.66e-004	-1.34e-004	-2.04e-004	+1.52e-004	-7.34e-005	-4.26e-006
153	+2.49e-004	-2.22e-004	-2.21e-004	+1.59e-004	-8.00e-005	+4.81e-005
154	+2.25e-004	-2.19e-004	-1.89e-004	+2.25e-004	-5.47e-005	-1.06e-008
155	+8.66e-004	+1.91e-004	-2.46e-004	-3.81e-005	+8.24e-005	+9.60e-004
156	+9.14e-004	+2.35e-004	-2.67e-004	-6.05e-005	+1.27e-004	+1.03e-003
157	+5.45e-004	+1.15e-004	-2.74e-004	-5.33e-005	+6.37e-005	+7.23e-004
158	+2.96e-003	+7.51e-004	-2.02e-004	-1.44e-004	+4.83e-004	+1.28e-003
159	+3.17e-003	+8.22e-004	-2.09e-004	-1.41e-004	+4.12e-004	+1.38e-003
160	+2.49e-003	+7.89e-004	-2.66e-004	-1.54e-004	+3.18e-004	+1.39e-003
161	-2.29e-007	+1.81e-006	-4.04e-006	-4.04e-004	-5.07e-006	-6.35e-009
162	-1.78e-007	+1.81e-006	-4.04e-006	-4.04e-004	-3.94e-006	+2.14e-010
163	-3.67e-006	+1.74e-004	-3.32e-005	-3.54e-004	-3.81e-006	+1.37e-007
164	-4.72e-006	+1.74e-004	-3.32e-005	-3.54e-004	-4.90e-006	+1.44e-007
165	-3.14e-005	+3.72e-004	-8.40e-005	-7.09e-005	-9.85e-006	+2.24e-006
166	-2.69e-005	+3.73e-004	-8.41e-005	-7.05e-005	-8.59e-006	+1.02e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
167	-3.42e-005	+3.68e-004	-1.06e-004	+9.02e-005	-7.67e-006	-2.28e-007
168	-3.97e-005	+3.68e-004	-1.06e-004	+8.83e-005	-8.70e-006	+2.28e-006
169	-1.30e-005	+3.75e-004	-8.41e-005	-7.11e-005	-4.29e-006	-1.42e-007
170	-1.01e-005	+3.75e-004	-8.41e-005	-7.05e-005	-3.35e-006	+3.25e-007
171	-1.30e-005	+3.69e-004	-1.06e-004	+9.22e-005	-3.07e-006	+3.44e-007
172	-1.67e-005	+3.70e-004	-1.06e-004	+9.04e-005	-3.92e-006	-1.42e-006
173	-4.09e-007	+1.81e-006	-4.00e-006	-4.02e-004	-9.03e-006	-2.30e-010
174	-3.43e-007	+1.81e-006	-4.02e-006	-4.03e-004	-7.59e-006	+6.68e-009
175	-7.07e-006	+1.74e-004	-3.30e-005	-3.53e-004	-7.31e-006	+4.16e-007
176	-8.41e-006	+1.74e-004	-3.30e-005	-3.53e-004	-8.68e-006	+5.06e-007
177	-1.88e-005	+3.05e-004	-5.96e-005	-2.29e-004	-9.43e-006	+1.10e-006
178	-2.19e-005	+3.05e-004	-5.94e-005	-2.29e-004	-1.09e-005	+1.79e-006
179	-1.35e-005	+3.06e-004	-5.98e-005	-2.30e-004	-6.84e-006	+8.51e-007
180	-1.60e-005	+3.06e-004	-5.97e-005	-2.29e-004	-8.08e-006	+9.24e-007
181	-2.27e-005	+1.78e-004	-1.42e-004	+3.04e-004	-3.09e-006	-1.47e-005
182	-1.77e-005	+1.73e-004	-1.41e-004	+3.14e-004	-2.44e-006	+1.90e-007
183	-1.98e-005	+8.53e-006	-1.57e-004	+3.03e-004	-2.00e-006	-7.12e-009
184	-2.53e-005	+1.94e-005	-1.57e-004	+3.01e-004	-2.53e-006	-2.72e-005
185	-2.14e-005	-1.29e-004	-1.69e-004	+2.53e-004	-1.86e-006	-2.59e-007
186	-2.73e-005	-1.23e-004	-1.69e-004	+2.59e-004	-2.35e-006	-2.08e-005
187	-3.93e-005	+1.73e-004	-1.43e-004	+3.12e-004	-5.09e-006	+6.97e-007
188	-3.34e-005	+1.77e-004	-1.42e-004	+3.03e-004	-4.42e-006	+1.55e-005
189	-3.70e-005	+1.94e-005	-1.58e-004	+3.00e-004	-3.61e-006	+2.72e-005
190	-4.35e-005	+8.53e-006	-1.59e-004	+3.01e-004	-4.13e-006	+3.83e-008
191	+2.45e-007	+1.81e-006	-4.03e-006	-4.03e-004	+5.41e-006	+6.30e-009
192	+3.00e-007	+1.81e-006	-4.02e-006	-4.03e-004	+6.64e-006	-2.67e-010
193	+6.19e-006	+1.74e-004	-3.31e-005	-3.53e-004	+6.40e-006	-2.91e-007
194	+5.04e-006	+1.74e-004	-3.31e-005	-3.53e-004	+5.23e-006	-1.62e-007
195	+3.88e-007	+3.75e-004	-8.41e-005	-7.06e-005	+1.24e-007	-1.08e-008
196	+2.95e-006	+3.75e-004	-8.41e-005	-7.12e-005	+9.73e-007	+5.17e-007
197	+3.78e-006	+3.70e-004	-1.06e-004	+9.04e-005	+8.92e-007	+1.82e-006
198	+4.97e-007	+3.70e-004	-1.06e-004	+9.22e-005	+1.12e-007	-1.15e-008
199	+1.39e-005	+3.75e-004	-8.41e-005	-7.10e-005	+4.57e-006	+9.70e-008
200	+1.70e-005	+3.75e-004	-8.41e-005	-7.16e-005	+5.57e-006	-6.90e-007
201	+2.17e-005	+3.70e-004	-1.06e-004	+8.86e-005	+5.06e-006	-7.28e-007
202	+1.78e-005	+3.70e-004	-1.06e-004	+9.04e-005	+4.17e-006	+1.38e-006
203	+9.70e-008	+1.81e-006	-4.05e-006	-4.04e-004	+2.15e-006	-1.55e-010
204	+1.44e-007	+1.81e-006	-4.05e-006	-4.04e-004	+3.18e-006	-6.79e-009
205	+2.97e-006	+1.74e-004	-3.32e-005	-3.54e-004	+3.08e-006	-1.54e-007
206	+2.00e-006	+1.75e-004	-3.32e-005	-3.54e-004	+2.08e-006	-6.68e-008
207	+2.04e-006	+3.07e-004	-5.99e-005	-2.30e-004	+1.04e-006	+1.15e-007
208	+2.68e-007	+3.07e-004	-6.00e-005	-2.30e-004	+1.35e-007	-8.33e-009
209	+5.67e-006	+3.07e-004	-5.99e-005	-2.30e-004	+2.91e-006	-3.71e-007
210	+3.83e-006	+3.07e-004	-5.99e-005	-2.31e-004	+1.96e-006	-1.23e-007
211	+2.42e-005	+1.78e-004	-1.42e-004	+3.04e-004	+3.29e-006	+1.47e-005
212	+2.95e-005	+1.82e-004	-1.42e-004	+2.95e-004	+3.96e-006	-4.08e-007
213	+3.28e-005	+2.64e-005	-1.58e-004	+2.99e-004	+3.23e-006	-4.20e-009
214	+2.70e-005	+1.94e-005	-1.57e-004	+3.01e-004	+2.69e-006	+2.72e-005
215	+3.53e-005	-1.17e-004	-1.70e-004	+2.64e-004	+2.98e-006	+5.11e-007
216	+2.91e-005	-1.23e-004	-1.69e-004	+2.59e-004	+2.49e-006	+2.09e-005
217	+9.73e-006	+1.82e-004	-1.41e-004	+2.96e-004	+1.34e-006	-9.86e-008
218	+1.44e-005	+1.78e-004	-1.41e-004	+3.04e-004	+1.97e-006	-1.51e-005
219	+1.61e-005	+1.94e-005	-1.57e-004	+3.02e-004	+1.61e-006	-2.72e-005
220	+1.09e-005	+2.63e-005	-1.57e-004	+3.00e-004	+1.09e-006	-3.40e-009
221	+1.27e-006	+1.81e-006	-3.64e-006	-3.85e-004	+2.75e-005	-3.79e-008
222	+1.48e-006	+1.80e-006	-3.51e-006	-3.76e-004	+3.24e-005	-7.66e-008
223	+2.97e-005	+1.63e-004	-2.98e-005	-3.29e-004	+2.95e-005	-9.25e-006
224	+2.55e-005	+1.66e-004	-3.06e-005	-3.37e-004	+2.53e-005	-6.68e-006
225	+3.26e-005	+3.72e-004	-8.39e-005	-7.08e-005	+1.02e-005	-2.42e-006
226	+3.77e-005	+3.71e-004	-8.38e-005	-6.99e-005	+1.16e-005	-3.98e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl_Z	Rotaz.X	Rotaz.Y	Rotaz.Z
227	+4.75e-005	+3.66e-004	-1.06e-004	+8.98e-005	+1.01e-005	-5.29e-006
228	+4.12e-005	+3.68e-004	-1.06e-004	+8.83e-005	+9.04e-006	-2.46e-006
229	+6.67e-005	+3.57e-004	-8.17e-005	-6.72e-005	+1.83e-005	-1.53e-005
230	+7.71e-005	+3.48e-004	-8.04e-005	-6.49e-005	+2.06e-005	-2.06e-005
231	+9.46e-005	+3.43e-004	-1.04e-004	+8.59e-005	+1.56e-005	-2.04e-005
232	+8.23e-005	+3.52e-004	-1.05e-004	+8.60e-005	+1.45e-005	-1.64e-005
233	+7.99e-007	+1.81e-006	-3.87e-006	-3.97e-004	+1.75e-005	+3.81e-009
234	+9.31e-007	+1.81e-006	-3.81e-006	-3.95e-004	+2.03e-005	+7.75e-009
235	+1.89e-005	+1.71e-004	-3.18e-005	-3.46e-004	+1.90e-005	-3.14e-006
236	+1.63e-005	+1.72e-004	-3.22e-005	-3.48e-004	+1.65e-005	-2.19e-006
237	+2.65e-005	+3.03e-004	-5.91e-005	-2.28e-004	+1.30e-005	-2.90e-006
238	+2.28e-005	+3.05e-004	-5.93e-005	-2.29e-004	+1.13e-005	-1.92e-006
239	+3.55e-005	+3.00e-004	-5.83e-005	-2.25e-004	+1.69e-005	-5.52e-006
240	+3.06e-005	+3.02e-004	-5.88e-005	-2.26e-004	+1.49e-005	-3.92e-006
241	+1.03e-004	+1.70e-004	-1.45e-004	+2.88e-004	+7.17e-006	-2.17e-005
242	+1.16e-004	+1.61e-004	-1.45e-004	+2.91e-004	+6.26e-006	-1.01e-005
243	+1.22e-004	+8.36e-006	-1.63e-004	+2.80e-004	+2.21e-006	-2.62e-006
244	+1.09e-004	+2.01e-005	-1.63e-004	+2.84e-004	+3.92e-006	-2.80e-005
245	+1.23e-004	-1.18e-004	-1.77e-004	+2.33e-004	-3.54e-007	+2.79e-006
246	+1.12e-004	-1.13e-004	-1.77e-004	+2.43e-004	+1.90e-006	-1.68e-005
247	+7.09e-005	+1.70e-004	-1.45e-004	+3.08e-004	+7.53e-006	-1.89e-006
248	+8.04e-005	+1.74e-004	-1.45e-004	+2.96e-004	+7.74e-006	+1.24e-005
249	+8.66e-005	+1.99e-005	-1.63e-004	+2.92e-004	+5.50e-006	+2.80e-005
250	+7.69e-005	+8.61e-006	-1.62e-004	+2.96e-004	+5.64e-006	+5.80e-007
251	+1.70e-003	+5.07e-004	-2.25e-004	-1.64e-004	+5.23e-004	+8.79e-004
252	+1.34e-003	+3.98e-004	-2.14e-004	-1.22e-004	+3.81e-004	+8.36e-004
253	+1.00e-003	+3.02e-004	-2.07e-004	-5.23e-005	+2.52e-004	+7.59e-004
254	+7.03e-004	+2.27e-004	-1.98e-004	-1.58e-005	+1.25e-004	+6.23e-004
255	+1.40e-004	+2.84e-004	-7.30e-005	-5.15e-005	+6.98e-005	-4.48e-005
256	+1.45e-003	+4.27e-004	-2.02e-004	-1.90e-004	+6.14e-004	+7.23e-004
257	+1.15e-003	+3.48e-004	-1.83e-004	-1.52e-004	+4.59e-004	+6.81e-004
258	+1.65e-004	+2.80e-004	-9.06e-005	+6.92e-005	+4.62e-005	-4.38e-005
259	+8.70e-004	+2.81e-004	-1.71e-004	-8.84e-005	+3.20e-004	+6.15e-004
260	+6.26e-004	+2.29e-004	-1.64e-004	-5.21e-005	+1.92e-004	+5.04e-004
261	+1.15e-003	+3.34e-004	-1.72e-004	-2.20e-004	+7.18e-004	+5.54e-004
262	+9.20e-004	+2.82e-004	-1.44e-004	-1.88e-004	+5.51e-004	+5.18e-004
263	+7.05e-004	+2.39e-004	-1.29e-004	-1.29e-004	+4.05e-004	+4.67e-004
264	+1.03e-004	+2.34e-004	-5.42e-005	-1.73e-004	+9.30e-005	-3.65e-005
265	+5.17e-004	+2.07e-004	-1.26e-004	-9.07e-005	+2.74e-004	+3.83e-004
266	+2.25e-004	+1.16e-004	-1.35e-004	+1.80e-004	-1.60e-005	-1.68e-005
267	+2.45e-004	+9.93e-005	-1.37e-004	+1.53e-004	-2.24e-005	-3.93e-005
268	+2.40e-004	+8.49e-006	-1.58e-004	+1.94e-004	-3.62e-005	-1.15e-005
269	+2.21e-004	+1.36e-005	-1.55e-004	+2.10e-004	-3.01e-005	+1.20e-005
270	+2.28e-004	-1.00e-004	-1.73e-004	+2.19e-004	-4.51e-005	-6.07e-006
271	+2.10e-004	-9.79e-005	-1.70e-004	+2.19e-004	-3.68e-005	+1.77e-005
272	+8.07e-004	+2.29e-004	-1.35e-004	-2.43e-004	+8.24e-004	+3.75e-004
273	+6.48e-004	+2.01e-004	-9.95e-005	-2.20e-004	+6.47e-004	+3.49e-004
274	+5.02e-004	+1.76e-004	-8.48e-005	-1.68e-004	+4.94e-004	+3.14e-004
275	+3.74e-004	+1.58e-004	-8.58e-005	-1.33e-004	+3.58e-004	+2.59e-004
276	+4.18e-004	+1.16e-004	-8.50e-005	-2.52e-004	+9.10e-004	+1.89e-004
277	+8.61e-007	+3.43e-007	-5.88e-006	-2.73e-004	+7.52e-004	+1.50e-006
278	+3.36e-004	+1.09e-004	-4.99e-005	-2.52e-004	+7.22e-004	+1.76e-004
279	+5.56e-007	+3.34e-007	-4.65e-006	-2.17e-004	+5.96e-004	+1.43e-006
280	+2.63e-004	+9.53e-005	-4.30e-005	-2.02e-004	+5.66e-004	+1.58e-004
281	+1.96e-007	+3.55e-007	-5.04e-006	-1.72e-004	+4.60e-004	+1.73e-006
282	+1.99e-004	+8.46e-005	-4.28e-005	-1.63e-004	+4.28e-004	+1.31e-004
283	+4.77e-004	+1.80e-004	-1.84e-004	+7.71e-005	+5.42e-005	+4.08e-004
284	+3.69e-004	+8.52e-005	-1.62e-004	+9.20e-005	-1.59e-005	+1.69e-004
285	+3.11e-004	+6.87e-005	-1.42e-004	+1.07e-004	-4.67e-006	+3.21e-005
286	+2.79e-004	+9.26e-005	-1.28e-004	+8.63e-005	-1.91e-005	-3.00e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
287	+3.18e-004	+3.74e-006	-1.71e-004	+1.36e-004	-2.93e-005	+2.49e-005
288	+3.84e-004	+1.62e-005	-1.84e-004	+1.33e-004	-4.55e-005	+1.82e-004
289	+3.87e-004	-6.04e-005	-2.20e-004	+8.71e-005	-3.21e-005	+1.86e-004
290	+3.14e-004	-7.38e-005	-2.02e-004	+1.27e-004	-3.81e-005	+2.99e-005
291	+3.85e-004	-9.06e-005	-2.51e-004	+4.05e-005	-6.73e-006	+2.79e-004
292	+3.05e-004	-1.40e-004	-2.28e-004	+1.12e-004	-4.51e-005	+8.28e-005
293	+1.11e-003	+3.10e-004	-2.32e-004	-3.59e-005	+2.09e-004	+8.96e-004
294	+1.50e-003	+4.39e-004	-2.37e-004	-1.06e-004	+3.25e-004	+9.80e-004
295	+1.66e-003	+4.82e-004	-2.52e-004	-9.67e-005	+2.90e-004	+1.12e-003
296	+1.21e-003	+3.22e-004	-2.48e-004	-4.99e-005	+1.87e-004	+1.03e-003
297	+1.80e-003	+5.31e-004	-2.61e-004	-9.90e-005	+2.69e-004	+1.25e-003
298	+1.30e-003	+3.51e-004	-2.56e-004	-7.25e-005	+1.69e-004	+1.15e-003
299	+2.92e-003	+6.07e-004	-1.13e-004	-4.39e-004	+7.15e-004	+1.02e-003
300	+3.41e-003	+6.26e-004	-4.46e-005	+7.87e-004	+9.03e-004	+1.01e-003
301	+3.81e-003	+7.21e-004	-6.07e-005	-4.44e-004	+7.29e-004	+1.12e-003
302	+3.26e-003	+6.97e-004	-1.28e-004	-9.78e-005	+6.42e-004	+1.14e-003
303	+4.17e-003	+8.08e-004	-7.28e-005	-8.32e-005	+6.86e-004	+1.21e-003
304	+3.58e-003	+7.80e-004	-1.39e-004	-1.84e-004	+5.87e-004	+1.25e-003
305	+4.39e-004	+1.99e-004	-1.60e-004	+1.65e-005	+1.12e-004	+3.31e-004
306	+3.44e-004	+1.26e-004	-1.34e-004	+2.80e-005	+2.43e-005	+1.41e-004
307	+2.89e-004	+1.15e-004	-1.14e-004	+5.16e-005	+3.25e-005	+3.14e-005
308	+2.59e-004	+1.35e-004	-1.02e-004	+3.58e-005	+1.69e-005	-2.25e-005
309	+3.73e-004	+1.90e-004	-1.35e-004	-4.89e-005	+1.82e-004	+2.52e-004
310	+2.94e-004	+1.39e-004	-1.03e-004	-4.51e-005	+7.72e-005	+1.08e-004
311	+2.48e-004	+1.33e-004	-8.44e-005	-1.86e-005	+8.13e-005	+2.58e-005
312	+2.20e-004	+1.50e-004	-7.57e-005	-3.31e-005	+6.16e-005	-1.69e-005
313	+2.75e-004	+1.52e-004	-1.05e-004	-1.15e-004	+2.53e-004	+1.70e-004
314	+2.17e-004	+1.20e-004	-6.93e-005	-1.19e-004	+1.34e-004	+7.26e-005
315	+1.83e-004	+1.18e-004	-5.38e-005	-9.35e-005	+1.33e-004	+1.76e-005
316	+1.63e-004	+1.30e-004	-4.92e-005	-1.09e-004	+1.09e-004	-1.19e-005
317	+1.47e-004	+8.57e-005	-6.72e-005	-1.71e-004	+3.11e-004	+8.63e-005
318	+2.03e-006	-8.91e-007	-4.51e-006	-2.18e-004	+1.84e-004	-2.51e-006
319	+1.13e-004	+7.29e-005	-3.37e-005	-1.85e-004	+1.73e-004	+3.63e-005
320	+2.11e-006	-4.08e-007	-3.15e-006	-1.89e-004	+1.88e-004	-1.71e-006
321	+9.81e-005	+7.06e-005	-2.69e-005	-1.59e-004	+1.72e-004	+8.69e-006
322	+1.97e-006	-2.24e-008	-2.99e-006	-2.02e-004	+1.68e-004	-8.20e-007
323	+8.92e-005	+7.63e-005	-2.38e-005	-1.74e-004	+1.49e-004	-6.35e-006
324	+2.60e-004	+1.31e-004	-1.15e-004	+1.12e-004	+3.11e-005	-5.60e-005
325	+2.39e-004	+1.62e-004	-1.15e-004	+1.10e-004	-6.62e-006	-5.81e-005
326	+2.19e-004	+1.89e-004	-1.14e-004	+1.28e-004	+2.44e-006	-4.21e-005
327	+1.98e-004	+2.08e-004	-1.12e-004	+1.44e-004	-1.42e-005	-2.97e-005
328	+2.40e-004	+1.70e-004	-9.45e-005	+5.64e-005	+6.13e-005	-5.39e-005
329	+2.20e-004	+2.02e-004	-9.24e-005	+4.30e-005	+1.47e-005	-6.44e-005
330	+2.01e-004	+2.32e-004	-9.09e-005	+4.94e-005	+2.66e-005	-5.48e-005
331	+1.82e-004	+2.58e-004	-9.04e-005	+5.32e-005	+9.75e-006	-4.41e-005
332	+2.04e-004	+1.79e-004	-7.43e-005	-1.93e-005	+9.85e-005	-4.63e-005
333	+1.87e-004	+2.07e-004	-6.88e-005	-4.36e-005	+4.00e-005	-5.95e-005
334	+1.70e-004	+2.36e-004	-6.68e-005	-4.81e-005	+5.44e-005	-5.46e-005
335	-1.22e-006	+1.81e-006	-3.66e-006	-3.86e-004	-2.66e-005	+3.58e-008
336	-1.05e-006	+1.82e-006	-3.75e-006	-3.92e-004	-2.29e-005	+7.69e-009
337	-2.12e-005	+1.69e-004	-3.14e-005	-3.43e-004	-2.13e-005	+4.35e-006
338	-2.47e-005	+1.67e-004	-3.08e-005	-3.38e-004	-2.45e-005	+6.29e-006
339	-1.35e-004	+2.90e-004	-7.39e-005	-5.26e-005	-6.79e-005	+4.23e-005
340	-1.17e-004	+3.09e-004	-7.50e-005	-5.71e-005	-1.97e-005	+4.11e-005
341	-1.40e-004	+3.05e-004	-9.67e-005	+7.38e-005	-7.99e-006	+4.19e-005
342	-1.60e-004	+2.85e-004	-9.14e-005	+7.05e-005	-4.49e-005	+4.14e-005
343	-6.45e-005	+3.58e-004	-8.19e-005	-6.75e-005	-1.77e-005	+1.44e-005
344	-5.59e-005	+3.63e-004	-8.27e-005	-6.92e-005	-1.59e-005	+9.57e-006
345	-6.94e-005	+3.59e-004	-1.06e-004	+8.58e-005	-1.30e-005	+9.38e-006
346	-7.97e-005	+3.53e-004	-1.05e-004	+8.62e-005	-1.40e-005	+1.55e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
347	-1.92e-006	+1.74e-006	-3.24e-006	-3.53e-004	-4.62e-005	+2.68e-007
348	-1.66e-006	+1.78e-006	-3.39e-006	-3.68e-004	-3.50e-005	+1.41e-007
349	-3.35e-005	+1.59e-004	-2.89e-005	-3.21e-004	-3.25e-005	+1.17e-005
350	-3.90e-005	+1.53e-004	-2.78e-005	-3.08e-004	-4.14e-005	+1.51e-005
351	-8.53e-005	+2.54e-004	-5.17e-005	-1.88e-004	-3.16e-005	+3.28e-005
352	-9.96e-005	+2.38e-004	-5.51e-005	-1.76e-004	-9.04e-005	+3.44e-005
353	-6.22e-005	+2.79e-004	-5.42e-005	-2.08e-004	-2.72e-005	+2.10e-005
354	-7.26e-005	+2.68e-004	-5.24e-005	-2.00e-004	-3.58e-005	+2.72e-005
355	-9.96e-005	+1.70e-004	-1.45e-004	+2.89e-004	-6.93e-006	+2.13e-005
356	-8.80e-005	+1.77e-004	-1.45e-004	+2.85e-004	-7.42e-006	+3.92e-006
357	-9.40e-005	+2.71e-005	-1.63e-004	+2.88e-004	-4.82e-006	-3.05e-007
358	-1.05e-004	+2.00e-005	-1.63e-004	+2.85e-004	-3.79e-006	+2.79e-005
359	-9.73e-005	-1.11e-004	-1.77e-004	+2.53e-004	-3.25e-006	-3.74e-006
360	-1.08e-004	-1.14e-004	-1.77e-004	+2.45e-004	-1.82e-006	+1.72e-005
361	-1.43e-004	+1.59e-004	-1.40e-004	+2.57e-004	-2.61e-006	+1.42e-005
362	-1.27e-004	+1.61e-004	-1.43e-004	+2.76e-004	-3.68e-006	-2.56e-006
363	-1.31e-004	+1.77e-005	-1.61e-004	+2.74e-004	+8.92e-007	-2.39e-005
364	-1.46e-004	+2.33e-005	-1.58e-004	+2.65e-004	+3.98e-006	+1.20e-006
365	-2.18e-004	+1.20e-004	-1.37e-004	+1.86e-004	+1.67e-005	+1.59e-005
366	-1.98e-004	+1.28e-004	-1.33e-004	+2.10e-004	+3.27e-005	+2.62e-006
367	-1.96e-004	+1.03e-005	-1.51e-004	+2.27e-004	+4.05e-005	-2.60e-005
368	-2.15e-004	+1.41e-005	-1.57e-004	+2.16e-004	+3.05e-005	-1.18e-005
369	-1.87e-004	-1.06e-004	-1.65e-004	+2.20e-004	+4.06e-005	-2.93e-005
370	-2.04e-004	-9.99e-005	-1.72e-004	+2.24e-004	+3.70e-005	-1.69e-005
371	+1.54e-004	+2.62e-004	-6.80e-005	-5.62e-005	+3.81e-005	-4.63e-005
372	+1.51e-004	+1.52e-004	-5.42e-005	-1.04e-004	+1.36e-004	-3.41e-005
373	+1.38e-004	+1.73e-004	-4.53e-005	-1.37e-004	+6.78e-005	-4.53e-005
374	+1.25e-004	+1.95e-004	-4.27e-005	-1.50e-004	+8.26e-005	-4.32e-005
375	+1.14e-004	+2.15e-004	-4.53e-005	-1.68e-004	+6.50e-005	-3.79e-005
376	+8.16e-005	+8.86e-005	-3.24e-005	-1.77e-004	+1.67e-004	-1.82e-005
377	+2.16e-006	+6.51e-007	-2.41e-006	-2.51e-004	+9.58e-005	-1.45e-006
378	+7.33e-005	+1.00e-004	-2.21e-005	-2.16e-004	+8.89e-005	-2.45e-005
379	+2.02e-006	+8.90e-007	-2.16e-006	-2.70e-004	+1.16e-004	-5.25e-007
380	+6.80e-005	+1.12e-004	-2.11e-005	-2.34e-004	+1.06e-004	-2.38e-005
381	+1.88e-006	+1.01e-006	-2.47e-006	-2.96e-004	+1.01e-004	-5.22e-007
382	+6.30e-005	+1.23e-004	-2.25e-005	-2.58e-004	+8.90e-005	-2.14e-005
383	-1.92e-004	+2.14e-004	-1.13e-004	+1.48e-004	+1.51e-005	+2.79e-005
384	-2.12e-004	+1.95e-004	-1.16e-004	+1.33e-004	-1.60e-006	+4.03e-005
385	-2.32e-004	+1.69e-004	-1.19e-004	+1.15e-004	+7.68e-006	+5.64e-005
386	-1.77e-004	+2.64e-004	-9.17e-005	+5.49e-005	-9.05e-006	+4.17e-005
387	-1.95e-004	+2.40e-004	-9.30e-005	+5.15e-005	-2.56e-005	+5.23e-005
388	-2.13e-004	+2.10e-004	-9.56e-005	+4.56e-005	-1.39e-005	+6.19e-005
389	-1.50e-004	+2.68e-004	-6.93e-005	-5.71e-005	-3.75e-005	+4.38e-005
390	-1.65e-004	+2.44e-004	-6.87e-005	-4.92e-005	-5.33e-005	+5.18e-005
391	-1.81e-004	+2.16e-004	-7.19e-005	-4.46e-005	-3.94e-005	+5.67e-005
392	-1.10e-004	+2.21e-004	-4.64e-005	-1.71e-004	-6.44e-005	+3.57e-005
393	-1.21e-004	+2.02e-004	-4.44e-005	-1.54e-004	-8.13e-005	+4.08e-005
394	-1.33e-004	+1.81e-004	-4.78e-005	-1.41e-004	-6.74e-005	+4.28e-005
395	-1.75e-006	+1.05e-006	-2.58e-006	-3.02e-004	-9.96e-005	+5.11e-007
396	-6.08e-005	+1.26e-004	-2.32e-005	-2.64e-004	-8.81e-005	+2.01e-005
397	-1.86e-006	+9.46e-007	-2.31e-006	-2.78e-004	-1.13e-004	+4.82e-007
398	-6.54e-005	+1.16e-004	-2.22e-005	-2.41e-004	-1.04e-004	+2.23e-005
399	-1.96e-006	+7.43e-007	-2.63e-006	-2.60e-004	-9.47e-005	+1.23e-006
400	-7.02e-005	+1.05e-004	-2.37e-005	-2.24e-004	-8.82e-005	+2.29e-005
401	-3.08e-004	+9.31e-006	-1.80e-004	+1.45e-004	+3.08e-005	-2.56e-005
402	-2.75e-004	+3.80e-005	-1.60e-004	+1.25e-004	+4.51e-005	+3.98e-005
403	-2.71e-004	-4.64e-005	-1.88e-004	+1.44e-004	+6.28e-005	+3.73e-005
404	-3.05e-004	-7.30e-005	-2.11e-004	+1.33e-004	+3.87e-005	-2.97e-005
405	-2.58e-004	-1.37e-004	-2.10e-004	+1.56e-004	+7.43e-005	+4.65e-006
406	-2.96e-004	-1.42e-004	-2.36e-004	+1.15e-004	+4.51e-005	-8.38e-005

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
407	-7.80e-005	+9.38e-005	-3.52e-005	-1.87e-004	-1.60e-004	+1.69e-005
408	-1.45e-004	+1.61e-004	-5.83e-005	-1.10e-004	-1.33e-004	+3.22e-005
409	-1.97e-004	+1.90e-004	-7.91e-005	-2.07e-005	-9.60e-005	+4.44e-005
410	-2.32e-004	+1.80e-004	-9.95e-005	+5.94e-005	-5.98e-005	+5.23e-005
411	-2.52e-004	+1.39e-004	-1.20e-004	+1.19e-004	-3.05e-005	+5.51e-005
412	-1.65e-006	+2.24e-007	-3.48e-006	-2.10e-004	-1.67e-004	+9.32e-007
413	-8.52e-005	+8.23e-005	-2.73e-005	-1.81e-004	-1.49e-004	+5.66e-006
414	-1.57e-004	+1.40e-004	-5.48e-005	-1.13e-004	-1.08e-004	+1.07e-005
415	-2.13e-004	+1.62e-004	-8.26e-005	-3.34e-005	-6.04e-005	+1.57e-005
416	-2.50e-004	+1.46e-004	-1.10e-004	+3.90e-005	-1.49e-005	+2.16e-005
417	-2.70e-004	+1.02e-004	-1.36e-004	+9.24e-005	+2.15e-005	+2.97e-005
418	-1.77e-006	-1.69e-007	-3.69e-006	-2.00e-004	-1.84e-004	+1.73e-006
419	-9.41e-005	+7.71e-005	-3.08e-005	-1.68e-004	-1.70e-004	-9.89e-006
420	-1.77e-004	+1.29e-004	-6.03e-005	-9.88e-005	-1.31e-004	-1.96e-005
421	-2.40e-004	+1.46e-004	-9.26e-005	-1.95e-005	-7.93e-005	-2.82e-005
422	-1.11e-003	+3.25e-004	-2.46e-004	-3.12e-005	-2.11e-004	-9.11e-004
423	-7.59e-004	+2.10e-004	-2.44e-004	+6.56e-006	-9.47e-005	-7.54e-004
424	-8.20e-004	+1.78e-004	-2.55e-004	-1.55e-005	-9.10e-005	-8.62e-004
425	-1.21e-003	+3.34e-004	-2.61e-004	-4.69e-005	-1.89e-004	-1.05e-003
426	-8.64e-004	+1.97e-004	-2.57e-004	-3.81e-005	-8.50e-005	-9.75e-004
427	-1.31e-003	+3.61e-004	-2.68e-004	-7.19e-005	-1.73e-004	-1.17e-003
428	-2.80e-004	+1.27e-004	-1.24e-004	+5.51e-005	-3.01e-005	-3.37e-005
429	-3.01e-004	+7.85e-005	-1.52e-004	+1.14e-004	+6.82e-006	-3.38e-005
430	-1.70e-006	-6.29e-007	-5.10e-006	-2.30e-004	-1.85e-004	+2.21e-006
431	-1.10e-004	+8.01e-005	-3.80e-005	-1.94e-004	-1.74e-004	-3.85e-005
432	-2.11e-004	+1.32e-004	-7.64e-005	-1.24e-004	-1.34e-004	-7.62e-005
433	-2.87e-004	+1.53e-004	-1.12e-004	-4.59e-005	-7.60e-005	-1.13e-004
434	-3.35e-004	+1.41e-004	-1.44e-004	+3.16e-005	-2.17e-005	-1.46e-004
435	-3.59e-004	+9.69e-005	-1.72e-004	+9.96e-005	+1.92e-005	-1.74e-004
436	-1.44e-004	+9.39e-005	-7.21e-005	-1.86e-004	-3.05e-004	-8.91e-005
437	-2.70e-004	+1.66e-004	-1.13e-004	-1.24e-004	-2.49e-004	-1.75e-004
438	-3.67e-004	+2.07e-004	-1.45e-004	-5.25e-005	-1.79e-004	-2.58e-004
439	-4.32e-004	+2.16e-004	-1.71e-004	+1.90e-005	-1.08e-004	-3.38e-004
440	-4.68e-004	+1.94e-004	-1.96e-004	+8.53e-005	-5.20e-005	-4.16e-004
441	-5.69e-008	+7.63e-007	-5.61e-006	-1.79e-004	-4.60e-004	-1.78e-006
442	-1.97e-004	+9.31e-005	-4.75e-005	-1.69e-004	-4.28e-004	-1.33e-004
443	-2.94e-003	+6.32e-004	-1.28e-004	-1.76e-004	-7.36e-004	-1.03e-003
444	-2.44e-003	+6.14e-004	-1.94e-004	-1.66e-004	-6.01e-004	-1.04e-003
445	-2.72e-003	+6.94e-004	-2.08e-004	-1.54e-004	-5.30e-004	-1.18e-003
446	-3.29e-003	+7.19e-004	-1.43e-004	-1.67e-004	-6.47e-004	-1.15e-003
447	-2.98e-003	+7.70e-004	-2.17e-004	-1.48e-004	-4.90e-004	-1.30e-003
448	-3.61e-003	+8.01e-004	-1.54e-004	-1.59e-004	-5.96e-004	-1.26e-003
449	-3.20e-003	+8.40e-004	-2.24e-004	-1.37e-004	-4.20e-004	-1.40e-003
450	-3.87e-003	+8.73e-004	-1.64e-004	-1.51e-004	-5.08e-004	-1.35e-003
451	-4.79e-003	+9.78e-004	-1.07e-004	-1.53e-004	-5.31e-004	-1.38e-003
452	-5.46e-003	+1.01e-003	-4.55e-005	-1.57e-004	-5.86e-004	-1.37e-003
453	-3.39e-003	+9.07e-004	-2.29e-004	-1.35e-004	-3.86e-004	-1.48e-003
454	-4.10e-003	+9.44e-004	-1.69e-004	-1.48e-004	-4.63e-004	-1.43e-003
455	-9.13e-004	+2.42e-004	-2.78e-004	-6.26e-005	-1.34e-004	-1.05e-003
456	-1.39e-003	+4.06e-004	-2.78e-004	-8.72e-005	-1.86e-004	-1.25e-003
457	-2.06e-003	+6.52e-004	-2.86e-004	-9.05e-005	-2.35e-004	-1.45e-003
458	-2.67e-003	+8.71e-004	-2.84e-004	-1.32e-004	-3.01e-004	-1.49e-003
459	-9.72e-004	+2.73e-004	-2.91e-004	-4.40e-005	-1.11e-004	-1.11e-003
460	-1.48e-003	+4.49e-004	-2.88e-004	-7.08e-005	-1.68e-004	-1.32e-003
461	-2.41e-004	-2.26e-004	-2.27e-004	+1.59e-004	+7.92e-005	-4.85e-005
462	-2.86e-004	-1.98e-004	-2.55e-004	+1.01e-004	+3.66e-005	-1.63e-004
463	-3.83e-004	-1.16e-004	-2.82e-004	+3.91e-005	+9.43e-006	-4.77e-004
464	-5.69e-004	+1.39e-004	-2.95e-004	-2.07e-005	-5.01e-005	-8.13e-004
465	-2.20e-004	-3.14e-004	-2.38e-004	+1.60e-004	+8.31e-005	-1.03e-004
466	-2.76e-004	-2.53e-004	-2.64e-004	+1.13e-004	+4.27e-005	-2.42e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
467	-1.76e-004	-2.15e-004	-1.78e-004	+2.23e-004	+4.20e-005	-1.66e-005
468	-1.90e-004	-2.13e-004	-1.86e-004	+2.35e-004	+4.39e-005	-6.64e-006
469	-1.81e-004	-3.32e-004	-2.01e-004	+2.36e-004	+5.30e-005	+3.55e-006
470	-1.92e-004	-3.31e-004	-2.03e-004	+2.24e-004	+5.42e-005	-2.57e-005
471	-1.63e-004	-3.26e-004	-1.87e-004	+2.27e-004	+4.60e-005	-2.58e-006
472	-1.72e-004	-3.28e-004	-1.96e-004	+2.36e-004	+4.72e-005	+2.61e-006
473	-9.93e-005	-2.20e-004	-1.89e-004	+2.09e-004	-2.32e-006	-5.45e-006
474	-1.09e-004	-2.21e-004	-1.90e-004	+2.03e-004	-6.02e-007	+3.64e-006
475	-1.44e-004	-3.20e-004	-1.86e-004	+2.15e-004	+1.64e-005	+1.05e-005
476	-1.54e-004	-3.24e-004	-1.76e-004	+2.22e-004	+2.43e-005	+3.44e-006
477	-1.00e-004	-3.17e-004	-1.98e-004	+1.96e-004	-1.70e-006	-5.50e-006
478	-1.09e-004	-3.16e-004	-1.98e-004	+1.94e-004	+4.10e-009	-9.09e-007
479	-1.44e-004	-1.05e-004	-1.72e-004	+2.41e-004	+8.03e-006	-4.63e-006
480	-1.31e-004	-1.12e-004	-1.75e-004	+2.38e-004	+3.64e-006	-2.30e-005
481	-1.30e-004	-2.17e-004	-1.88e-004	+2.05e-004	+5.35e-006	-1.10e-005
482	-1.41e-004	-2.14e-004	-1.84e-004	+2.15e-004	+1.03e-005	-1.96e-006
483	-2.29e-005	-2.38e-004	-1.80e-004	+2.07e-004	-1.82e-006	-5.43e-007
484	-2.91e-005	-2.35e-004	-1.81e-004	+2.13e-004	-2.29e-006	-9.21e-006
485	-5.90e-005	-3.30e-004	-1.91e-004	+1.98e-004	-3.09e-006	-6.28e-006
486	-6.68e-005	-3.27e-004	-1.93e-004	+1.99e-004	-3.31e-006	-4.12e-006
487	-2.40e-005	-3.35e-004	-1.88e-004	+1.99e-004	-1.33e-006	-8.72e-007
488	-3.05e-005	-3.34e-004	-1.88e-004	+2.01e-004	-1.69e-006	-4.17e-006
489	-4.66e-005	-1.28e-004	-1.71e-004	+2.51e-004	-3.75e-006	-7.93e-007
490	-3.98e-005	-1.22e-004	-1.70e-004	+2.58e-004	-3.31e-006	+1.99e-005
491	-4.24e-005	-2.34e-004	-1.82e-004	+2.12e-004	-3.20e-006	+7.17e-006
492	-4.94e-005	-2.36e-004	-1.83e-004	+2.05e-004	-3.61e-006	-1.68e-006
493	+3.77e-005	-2.32e-004	-1.81e-004	+2.18e-004	+2.90e-006	+1.08e-006
494	+3.11e-005	-2.35e-004	-1.81e-004	+2.13e-004	+2.43e-006	+9.28e-006
495	+7.05e-006	-3.35e-004	-1.87e-004	+2.02e-004	+3.65e-007	+3.20e-006
496	+9.22e-007	-3.36e-004	-1.87e-004	+1.99e-004	+3.36e-008	+3.02e-008
497	+3.94e-005	-3.32e-004	-1.89e-004	+2.02e-004	+2.15e-006	+1.73e-006
498	+3.26e-005	-3.34e-004	-1.88e-004	+2.01e-004	+1.78e-006	+4.29e-006
499	+1.18e-005	-1.18e-004	-1.68e-004	+2.66e-004	+1.02e-006	+1.23e-007
500	+1.74e-005	-1.23e-004	-1.69e-004	+2.60e-004	+1.50e-006	-2.03e-005
501	+1.86e-005	-2.35e-004	-1.80e-004	+2.13e-004	+1.47e-006	-8.04e-006
502	+1.26e-005	-2.33e-004	-1.80e-004	+2.19e-004	+9.95e-007	+2.68e-007
503	+1.23e-004	-2.20e-004	-1.90e-004	+1.96e-004	-2.00e-006	+4.31e-006
504	+1.13e-004	-2.19e-004	-1.90e-004	+2.02e-004	+6.45e-007	-3.00e-006
505	+7.77e-005	-3.25e-004	-1.94e-004	+1.95e-004	+3.50e-006	+2.51e-006
506	+6.95e-005	-3.27e-004	-1.93e-004	+1.98e-004	+3.42e-006	+4.51e-006
507	+1.22e-004	-3.13e-004	-1.98e-004	+1.92e-004	-2.66e-006	+2.15e-006
508	+1.13e-004	-3.14e-004	-1.99e-004	+1.93e-004	+1.38e-008	+1.78e-006
509	+8.09e-005	-1.25e-004	-1.75e-004	+2.45e-004	+4.64e-006	+3.09e-006
510	+9.04e-005	-1.17e-004	-1.76e-004	+2.49e-004	+4.23e-006	+2.44e-005
511	+9.31e-005	-2.24e-004	-1.89e-004	+2.04e-004	+3.53e-006	+1.43e-005
512	+8.40e-005	-2.30e-004	-1.87e-004	+1.99e-004	+4.13e-006	+5.05e-006
513	+2.10e-004	-2.13e-004	-1.89e-004	+2.36e-004	-5.07e-005	-7.91e-006
514	+1.96e-004	-2.09e-004	-1.84e-004	+2.32e-004	-4.42e-005	+7.51e-006
515	+1.68e-004	-3.21e-004	-1.86e-004	+2.25e-004	-4.61e-005	+3.53e-006
516	+1.59e-004	-3.20e-004	-1.76e-004	+2.20e-004	-2.52e-005	-2.48e-006
517	+1.87e-004	-3.27e-004	-1.98e-004	+2.34e-004	-5.34e-005	-3.36e-006
518	+1.78e-004	-3.23e-004	-1.94e-004	+2.34e-004	-4.79e-005	-1.96e-006
519	+3.81e-004	-9.82e-005	-2.64e-004	+1.40e-005	-1.84e-006	+3.80e-004
520	+2.94e-004	-1.95e-004	-2.47e-004	+1.01e-004	-3.88e-005	+1.60e-004
521	+2.26e-004	-3.09e-004	-2.32e-004	+1.61e-004	-8.46e-005	+1.02e-004
522	+1.98e-004	-3.26e-004	-1.99e-004	+2.22e-004	-5.65e-005	+2.54e-005
523	+3.87e-004	-1.16e-004	-2.73e-004	+4.19e-005	-1.29e-005	+4.69e-004
524	+2.82e-004	-2.50e-004	-2.57e-004	+1.14e-004	-4.57e-005	+2.38e-004
525	+1.93e-003	+5.86e-004	-2.68e-004	-9.80e-005	+2.51e-004	+1.35e-003
526	+1.39e-003	+3.96e-004	-2.66e-004	-8.60e-005	+1.79e-004	+1.24e-003

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
527	+9.69e-004	+2.65e-004	-2.80e-004	-4.20e-005	+1.04e-004	+1.09e-003
528	+5.71e-004	+1.34e-004	-2.84e-004	-1.86e-005	+4.34e-005	+8.00e-004
529	+2.04e-003	+6.39e-004	-2.74e-004	-8.89e-005	+2.28e-004	+1.43e-003
530	+1.47e-003	+4.38e-004	-2.76e-004	-6.93e-005	+1.61e-004	+1.30e-003
531	+4.48e-003	+8.86e-004	-8.42e-005	-1.81e-004	+5.82e-004	+1.30e-003
532	+3.84e-003	+8.55e-004	-1.48e-004	-1.47e-004	+5.00e-004	+1.34e-003
533	+3.36e-003	+8.90e-004	-2.15e-004	-1.36e-004	+3.78e-004	+1.47e-003
534	+2.64e-003	+8.55e-004	-2.70e-004	-1.33e-004	+2.93e-004	+1.48e-003
535	+4.74e-003	+9.60e-004	-9.11e-005	-1.48e-004	+5.22e-004	+1.37e-003
536	+4.06e-003	+9.26e-004	-1.54e-004	-1.51e-004	+4.55e-004	+1.42e-003
537	-1.30e-007	+1.81e-006	-4.05e-006	-4.04e-004	-2.87e-006	+6.76e-009
538	-8.31e-008	+1.81e-006	-4.05e-006	-4.04e-004	-1.84e-006	+1.23e-010
539	-1.72e-006	+1.75e-004	-3.32e-005	-3.54e-004	-1.78e-006	+5.64e-008
540	-2.67e-006	+1.74e-004	-3.32e-005	-3.54e-004	-2.78e-006	+1.41e-007
541	-7.02e-006	+3.07e-004	-5.99e-005	-2.30e-004	-3.60e-006	+2.51e-007
542	-9.02e-006	+3.07e-004	-5.99e-005	-2.30e-004	-4.61e-006	+1.76e-007
543	-3.28e-006	+3.07e-004	-5.99e-005	-2.31e-004	-1.69e-006	+1.04e-007
544	-5.11e-006	+3.07e-004	-5.99e-005	-2.30e-004	-2.63e-006	+3.49e-007
545	-2.30e-005	+3.73e-004	-8.41e-005	-7.01e-005	-7.41e-006	+1.18e-006
546	-1.94e-005	+3.74e-004	-8.41e-005	-7.09e-005	-6.31e-006	+1.47e-006
547	-2.47e-005	+3.69e-004	-1.06e-004	+9.03e-005	-5.71e-006	+2.82e-006
548	-2.92e-005	+3.68e-004	-1.06e-004	+9.21e-005	-6.67e-006	+1.24e-006
549	-4.04e-005	+2.97e-004	-1.26e-004	+2.23e-004	-6.71e-006	-4.18e-006
550	-4.67e-005	+2.98e-004	-1.26e-004	+2.18e-004	-7.53e-006	+1.91e-006
551	-2.94e-005	+2.98e-004	-1.25e-004	+2.24e-004	-5.08e-006	+6.41e-006
552	-3.47e-005	+2.95e-004	-1.26e-004	+2.28e-004	-5.89e-006	+1.07e-006
553	-7.40e-006	+3.75e-004	-8.41e-005	-7.12e-005	-2.45e-006	+8.21e-007
554	-4.75e-006	+3.75e-004	-8.41e-005	-7.18e-005	-1.58e-006	+1.35e-007
555	-6.10e-006	+3.71e-004	-1.06e-004	+8.86e-005	-1.45e-006	+1.44e-007
556	-9.49e-006	+3.70e-004	-1.06e-004	+9.04e-005	-2.25e-006	+2.14e-006
557	-1.55e-005	+2.96e-004	-1.25e-004	+2.29e-004	-2.76e-006	+2.99e-007
558	-1.99e-005	+2.98e-004	-1.25e-004	+2.24e-004	-3.51e-006	-5.20e-006
559	-7.30e-006	+3.00e-004	-1.25e-004	+2.20e-004	-1.31e-006	+1.27e-007
560	-1.13e-005	+2.98e-004	-1.25e-004	+2.24e-004	-2.03e-006	+5.82e-006
561	-2.84e-007	+1.81e-006	-4.03e-006	-4.03e-004	-6.27e-006	+2.14e-010
562	-5.85e-006	+1.74e-004	-3.31e-005	-3.53e-004	-6.06e-006	+2.67e-007
563	-1.12e-005	+3.07e-004	-5.98e-005	-2.30e-004	-5.69e-006	+4.90e-007
564	-1.61e-005	+3.75e-004	-8.41e-005	-7.16e-005	-5.27e-006	+6.33e-007
565	-1.30e-005	+1.78e-004	-1.41e-004	+3.04e-004	-1.79e-006	+1.51e-005
566	-8.34e-006	+1.82e-004	-1.41e-004	+2.96e-004	-1.16e-006	+8.33e-008
567	-9.33e-006	+2.63e-005	-1.57e-004	+3.00e-004	-9.55e-007	+3.01e-009
568	-1.45e-005	+1.94e-005	-1.57e-004	+3.02e-004	-1.47e-006	+2.72e-005
569	-1.01e-005	-1.18e-004	-1.68e-004	+2.66e-004	-8.93e-007	-1.04e-007
570	-1.57e-005	-1.23e-004	-1.69e-004	+2.60e-004	-1.38e-006	+2.03e-005
571	-2.79e-005	+1.82e-004	-1.42e-004	+2.96e-004	-3.76e-006	+3.74e-007
572	-3.10e-005	+2.64e-005	-1.58e-004	+2.99e-004	-3.07e-006	+3.55e-009
573	+3.61e-007	+1.81e-006	-4.01e-006	-4.03e-004	+7.97e-006	-6.73e-009
574	+4.28e-007	+1.81e-006	-4.00e-006	-4.02e-004	+9.44e-006	+1.70e-010
575	+8.80e-006	+1.74e-004	-3.29e-005	-3.52e-004	+9.07e-006	-5.47e-007
576	+7.43e-006	+1.74e-004	-3.30e-005	-3.53e-004	+7.68e-006	-4.47e-007
577	+1.18e-005	+3.07e-004	-5.98e-005	-2.30e-004	+6.01e-006	-5.34e-007
578	+9.63e-006	+3.07e-004	-5.98e-005	-2.30e-004	+4.92e-006	-2.10e-007
579	+1.67e-005	+3.06e-004	-5.96e-005	-2.29e-004	+8.45e-006	-1.00e-006
580	+1.41e-005	+3.06e-004	-5.97e-005	-2.30e-004	+7.18e-006	-9.09e-007
581	+5.54e-006	+3.75e-004	-8.41e-005	-7.18e-005	+1.83e-006	-1.60e-007
582	+8.21e-006	+3.75e-004	-8.41e-005	-7.11e-005	+2.71e-006	-8.50e-007
583	+1.05e-005	+3.70e-004	-1.06e-004	+9.04e-005	+2.49e-006	-2.17e-006
584	+7.11e-006	+3.71e-004	-1.06e-004	+8.86e-005	+1.68e-006	-1.70e-007
585	+4.53e-006	+2.99e-004	-1.25e-004	+2.24e-004	+8.03e-007	+5.54e-006
586	+5.96e-007	+2.97e-004	-1.25e-004	+2.29e-004	+9.96e-008	-1.02e-008

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
587	+1.26e-005	+2.98e-004	-1.25e-004	+2.24e-004	+2.24e-006	-5.85e-006
588	+8.51e-006	+3.00e-004	-1.25e-004	+2.20e-004	+1.51e-006	-1.50e-007
589	+2.04e-005	+3.74e-004	-8.41e-005	-7.08e-005	+6.62e-006	-1.54e-006
590	+2.40e-005	+3.73e-004	-8.40e-005	-7.00e-005	+7.75e-006	-1.28e-006
591	+3.06e-005	+3.68e-004	-1.06e-004	+9.21e-005	+6.97e-006	-1.34e-006
592	+2.60e-005	+3.69e-004	-1.06e-004	+9.03e-005	+6.00e-006	-2.90e-006
593	+2.59e-005	+3.00e-004	-1.25e-004	+2.19e-004	+4.53e-006	-6.34e-007
594	+2.12e-005	+2.98e-004	-1.25e-004	+2.24e-004	+3.74e-006	+5.16e-006
595	+3.63e-005	+2.95e-004	-1.26e-004	+2.28e-004	+6.16e-006	-1.16e-006
596	+3.09e-005	+2.97e-004	-1.25e-004	+2.24e-004	+5.33e-006	-6.48e-006
597	+1.93e-007	+1.81e-006	-4.04e-006	-4.04e-004	+4.26e-006	-2.54e-010
598	+3.98e-006	+1.74e-004	-3.32e-005	-3.54e-004	+4.13e-006	-1.51e-007
599	+7.60e-006	+3.07e-004	-5.99e-005	-2.30e-004	+3.89e-006	-2.79e-007
600	+1.10e-005	+3.75e-004	-8.41e-005	-7.05e-005	+3.62e-006	-3.61e-007
601	+3.51e-005	+1.77e-004	-1.42e-004	+3.03e-004	+4.64e-006	-1.56e-005
602	+4.11e-005	+1.73e-004	-1.43e-004	+3.12e-004	+5.32e-006	-7.55e-007
603	+4.55e-005	+8.53e-006	-1.59e-004	+3.01e-004	+4.31e-006	-3.99e-008
604	+3.89e-005	+1.94e-005	-1.58e-004	+3.00e-004	+3.78e-006	-2.72e-005
605	+4.87e-005	-1.28e-004	-1.71e-004	+2.51e-004	+3.91e-006	+8.64e-007
606	+4.19e-005	-1.22e-004	-1.70e-004	+2.58e-004	+3.46e-006	-1.98e-005
607	+1.92e-005	+1.73e-004	-1.41e-004	+3.13e-004	+2.62e-006	-2.11e-007
608	+2.14e-005	+8.53e-006	-1.57e-004	+3.03e-004	+2.15e-006	+7.12e-009
609	+1.72e-006	+1.78e-006	-3.36e-006	-3.65e-004	+3.62e-005	-1.50e-007
610	+1.99e-006	+1.74e-006	-3.20e-006	-3.50e-004	+4.78e-005	-2.87e-007
611	+4.03e-005	+1.51e-004	-2.75e-005	-3.06e-004	+4.27e-005	-1.61e-005
612	+3.46e-005	+1.58e-004	-2.87e-005	-3.19e-004	+3.35e-005	-1.24e-005
613	+5.52e-005	+2.86e-004	-5.55e-005	-2.13e-004	+2.53e-005	-1.66e-005
614	+4.76e-005	+2.92e-004	-5.68e-005	-2.19e-004	+2.19e-005	-1.21e-005
615	+7.50e-005	+2.65e-004	-5.20e-005	-1.98e-004	+3.69e-005	-2.89e-005
616	+6.43e-005	+2.77e-004	-5.39e-005	-2.07e-004	+2.80e-005	-2.23e-005
617	+4.35e-005	+3.68e-004	-8.36e-005	-6.89e-005	+1.31e-005	-4.83e-006
618	+5.01e-005	+3.66e-004	-8.32e-005	-6.90e-005	+1.47e-005	-6.41e-006
619	+6.26e-005	+3.61e-004	-1.06e-004	+8.86e-005	+1.24e-005	-4.93e-006
620	+5.46e-005	+3.63e-004	-1.06e-004	+9.12e-005	+1.12e-005	-4.74e-006
621	+5.57e-005	+2.94e-004	-1.27e-004	+2.22e-004	+8.63e-006	-8.36e-006
622	+4.86e-005	+2.97e-004	-1.26e-004	+2.18e-004	+7.82e-006	-2.07e-006
623	+7.27e-005	+2.91e-004	-1.27e-004	+2.19e-004	+1.00e-005	+3.77e-007
624	+6.37e-005	+2.91e-004	-1.27e-004	+2.26e-004	+9.38e-006	-3.68e-006
625	+8.93e-005	+3.37e-004	-7.86e-005	-6.32e-005	+2.22e-005	-2.72e-005
626	+1.04e-004	+3.23e-004	-7.65e-005	-6.07e-005	+2.86e-005	-3.58e-005
627	+1.25e-004	+3.19e-004	-9.97e-005	+7.60e-005	+1.91e-005	-3.54e-005
628	+1.09e-004	+3.33e-004	-1.02e-004	+8.15e-005	+1.58e-005	-2.56e-005
629	+1.08e-004	+2.76e-004	-1.25e-004	+2.13e-004	+1.09e-005	-1.64e-005
630	+9.44e-005	+2.84e-004	-1.26e-004	+2.13e-004	+1.08e-005	-1.72e-005
631	+1.40e-004	+2.59e-004	-1.21e-004	+1.88e-004	+1.05e-005	-2.77e-005
632	+1.23e-004	+2.68e-004	-1.24e-004	+2.01e-004	+9.52e-006	-1.64e-005
633	+1.09e-006	+1.82e-006	-3.74e-006	-3.91e-004	+2.37e-005	-8.51e-009
634	+2.20e-005	+1.69e-004	-3.13e-005	-3.42e-004	+2.20e-005	-4.63e-006
635	+4.11e-005	+2.97e-004	-5.77e-005	-2.22e-004	+1.93e-005	-8.29e-006
636	+5.78e-005	+3.62e-004	-8.26e-005	-6.89e-005	+1.65e-005	-1.02e-005
637	+1.31e-004	+1.60e-004	-1.43e-004	+2.74e-004	+3.81e-006	+1.82e-006
638	+1.48e-004	+1.58e-004	-1.40e-004	+2.54e-004	+2.71e-006	-1.50e-005
639	+1.51e-004	+2.32e-005	-1.58e-004	+2.62e-004	-4.05e-006	-1.24e-006
640	+1.36e-004	+1.76e-005	-1.61e-004	+2.72e-004	-8.89e-007	+2.38e-005
641	+1.49e-004	-1.04e-004	-1.72e-004	+2.38e-004	-8.22e-006	+5.14e-006
642	+1.36e-004	-1.11e-004	-1.75e-004	+2.36e-004	-3.72e-006	+2.34e-005
643	+9.10e-005	+1.76e-004	-1.45e-004	+2.84e-004	+7.68e-006	-4.21e-006
644	+9.72e-005	+2.71e-005	-1.63e-004	+2.87e-004	+4.99e-006	+3.13e-007
645	-3.71e-004	+1.73e-004	-9.39e-005	-1.37e-004	-3.58e-004	-2.63e-004
646	-5.13e-004	+2.25e-004	-1.37e-004	-9.23e-005	-2.74e-004	-3.90e-004

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
647	+1.80e-004	+2.26e-004	-1.07e-004	+1.71e-004	+2.39e-005	-3.38e-005
648	-6.21e-004	+2.48e-004	-1.76e-004	-5.14e-005	-1.90e-004	-5.12e-004
649	-6.98e-004	+2.44e-004	-2.11e-004	-1.26e-005	-1.23e-004	-6.34e-004
650	-4.17e-007	+7.43e-007	-5.23e-006	-2.29e-004	-5.98e-004	-1.43e-006
651	-2.62e-004	+1.04e-004	-4.78e-005	-2.12e-004	-5.67e-004	-1.61e-004
652	-5.01e-004	+1.91e-004	-9.32e-005	-1.75e-004	-4.95e-004	-3.19e-004
653	-7.05e-004	+2.57e-004	-1.41e-004	-1.33e-004	-4.06e-004	-4.74e-004
654	-8.69e-004	+3.01e-004	-1.84e-004	-8.86e-005	-3.20e-004	-6.24e-004
655	-1.00e-003	+3.21e-004	-2.21e-004	-4.92e-005	-2.52e-004	-7.71e-004
656	+4.36e-003	+7.45e-004	+8.20e-006	-4.06e-003	+6.36e-004	+1.12e-003
657	-7.37e-007	+7.52e-007	-6.48e-006	-2.82e-004	-7.57e-004	-1.67e-006
658	-3.36e-004	+1.18e-004	-5.49e-005	-2.60e-004	-7.27e-004	-1.78e-004
659	-6.50e-004	+2.16e-004	-1.08e-004	-2.25e-004	-6.51e-004	-3.54e-004
660	-9.23e-004	+3.01e-004	-1.56e-004	-1.92e-004	-5.55e-004	-5.25e-004
661	-1.15e-003	+3.69e-004	-1.97e-004	-1.53e-004	-4.61e-004	-6.91e-004
662	-1.34e-003	+4.20e-004	-2.29e-004	-1.21e-004	-3.83e-004	-8.49e-004
663	-4.20e-004	+1.25e-004	-9.03e-005	-2.69e-004	-9.14e-004	-1.91e-004
664	-8.10e-004	+2.45e-004	-1.44e-004	-2.56e-004	-8.28e-004	-3.80e-004
665	-1.16e-003	+3.55e-004	-1.85e-004	-2.28e-004	-7.22e-004	-5.61e-004
666	-1.46e-003	+4.50e-004	-2.16e-004	-1.94e-004	-6.18e-004	-7.32e-004
667	-1.71e-003	+5.31e-004	-2.40e-004	-1.63e-004	-5.27e-004	-8.90e-004
668	-1.27e-006	+3.25e-006	-5.74e-006	-1.19e-004	-1.17e-003	-1.52e-006
669	-5.17e-004	+1.08e-004	-4.38e-005	-1.75e-004	-1.13e-003	-2.00e-004
670	-1.00e-003	+2.28e-004	-8.61e-005	-2.00e-004	-1.04e-003	-3.95e-004
671	-9.00e-007	+1.81e-006	-3.83e-006	-3.95e-004	-1.97e-005	-8.03e-009
672	-7.71e-007	+1.81e-006	-3.88e-006	-3.98e-004	-1.69e-005	-3.88e-009
673	-1.57e-005	+1.72e-004	-3.22e-005	-3.48e-004	-1.59e-005	+2.05e-006
674	-1.83e-005	+1.71e-004	-3.19e-005	-3.46e-004	-1.84e-005	+2.94e-006
675	-3.97e-005	+2.97e-004	-5.78e-005	-2.23e-004	-1.87e-005	+7.78e-006
676	-4.60e-005	+2.93e-004	-5.69e-005	-2.20e-004	-2.12e-005	+1.14e-005
677	-2.96e-005	+3.02e-004	-5.89e-005	-2.26e-004	-1.44e-005	+3.66e-006
678	-3.43e-005	+3.00e-004	-5.85e-005	-2.25e-004	-1.64e-005	+5.16e-006
679	-1.01e-004	+3.26e-004	-7.69e-005	-6.14e-005	-2.78e-005	+3.38e-005
680	-8.65e-005	+3.40e-004	-7.89e-005	-6.37e-005	-2.16e-005	+2.56e-005
681	-1.05e-004	+3.35e-004	-1.02e-004	+8.20e-005	-1.53e-005	+2.41e-005
682	-1.22e-004	+3.22e-004	-1.00e-004	+7.67e-005	-1.86e-005	+3.34e-005
683	-1.54e-004	+2.47e-004	-1.17e-004	+1.82e-004	+2.00e-006	+3.66e-005
684	-1.75e-004	+2.30e-004	-1.08e-004	+1.74e-004	-2.31e-005	+3.19e-005
685	-1.19e-004	+2.70e-004	-1.24e-004	+2.03e-004	-9.24e-006	+1.52e-005
686	-1.36e-004	+2.61e-004	-1.21e-004	+1.90e-004	-1.02e-005	+2.62e-005
687	-4.84e-005	+3.67e-004	-8.33e-005	-6.92e-005	-1.42e-005	+5.96e-006
688	-4.20e-005	+3.69e-004	-8.37e-005	-6.90e-005	-1.27e-005	+4.51e-006
689	-5.26e-005	+3.64e-004	-1.06e-004	+9.12e-005	-1.08e-005	+4.41e-006
690	-6.05e-005	+3.62e-004	-1.06e-004	+8.87e-005	-1.19e-005	+4.47e-006
691	-8.01e-005	+2.91e-004	-1.27e-004	+2.12e-004	-1.02e-005	+7.31e-006
692	-9.13e-005	+2.85e-004	-1.26e-004	+2.13e-004	-1.04e-005	+1.65e-005
693	-6.15e-005	+2.92e-004	-1.27e-004	+2.26e-004	-9.05e-006	+3.41e-006
694	-7.02e-005	+2.92e-004	-1.27e-004	+2.19e-004	-9.69e-006	-7.40e-007
695	-1.43e-006	+1.80e-006	-3.54e-006	-3.78e-004	-3.13e-005	+7.22e-008
696	-2.88e-005	+1.63e-004	-2.99e-005	-3.31e-004	-2.86e-005	+8.72e-006
697	-5.35e-005	+2.87e-004	-5.57e-005	-2.15e-004	-2.45e-005	+1.56e-005
698	-7.46e-005	+3.50e-004	-8.06e-005	-6.53e-005	-2.00e-005	+1.94e-005
699	-7.77e-005	+1.74e-004	-1.45e-004	+2.97e-004	-7.47e-006	-1.26e-005
700	-6.84e-005	+1.70e-004	-1.45e-004	+3.08e-004	-7.26e-006	+1.74e-006
701	-7.42e-005	+8.60e-006	-1.62e-004	+2.96e-004	-5.44e-006	-5.60e-007
702	-8.37e-005	+1.99e-005	-1.62e-004	+2.92e-004	-5.31e-006	-2.80e-005
703	-7.81e-005	-1.25e-004	-1.75e-004	+2.46e-004	-4.48e-006	-2.87e-006
704	-8.73e-005	-1.18e-004	-1.76e-004	+2.50e-004	-4.08e-006	-2.41e-005
705	-1.13e-004	+1.62e-004	-1.45e-004	+2.93e-004	-6.06e-006	+9.49e-006
706	-1.18e-004	+8.37e-006	-1.63e-004	+2.82e-004	-2.13e-006	+2.53e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
707	-1.44e-003	+3.42e-004	-1.23e-004	-1.97e-004	-9.19e-004	-5.80e-004
708	-1.82e-003	+4.46e-004	-1.52e-004	-1.89e-004	-7.98e-004	-7.50e-004
709	-2.15e-003	+5.36e-004	-1.76e-004	-1.77e-004	-6.89e-004	-9.05e-004
710	-1.40e-006	+2.92e-006	-2.66e-006	-1.54e-004	-1.39e-003	-6.93e-008
711	-6.15e-004	+1.03e-004	-2.35e-005	-1.74e-004	-1.35e-003	-2.02e-004
712	-1.19e-003	+2.19e-004	-4.64e-005	-2.06e-004	-1.24e-003	-3.97e-004
713	-1.72e-003	+3.38e-004	-6.96e-005	-2.13e-004	-1.11e-003	-5.81e-004
714	-2.18e-003	+4.48e-004	-9.15e-005	-2.05e-004	-9.73e-004	-7.48e-004
715	-2.59e-003	+5.46e-004	-1.11e-004	-1.91e-004	-8.44e-004	-8.97e-004
716	-1.75e-006	+2.23e-006	+7.06e-007	-1.46e-004	-1.62e-003	-3.65e-006
717	-8.19e-004	+1.09e-004	+5.10e-005	-2.35e-004	-1.79e-003	-2.24e-004
718	-7.15e-004	+1.00e-004	-1.31e-006	-2.00e-004	-1.57e-003	-2.07e-004
719	-1.59e-003	+2.30e-004	+6.82e-005	-2.63e-004	-1.66e-003	-4.28e-004
720	-1.39e-003	+2.21e-004	-3.44e-006	-2.34e-004	-1.45e-003	-4.03e-004
721	-2.29e-003	+3.54e-004	+6.65e-005	-2.60e-004	-1.49e-003	-6.14e-004
722	-2.00e-003	+3.43e-004	-1.22e-005	-2.35e-004	-1.30e-003	-5.85e-004
723	-2.92e-003	+4.71e-004	+5.31e-005	-2.44e-004	-1.31e-003	-7.78e-004
724	-2.55e-003	+4.57e-004	-2.63e-005	-2.26e-004	-1.14e-003	-7.49e-004
725	-3.46e-003	+5.77e-004	+3.33e-005	-2.21e-004	-1.13e-003	-9.17e-004
726	-3.02e-003	+5.60e-004	-4.29e-005	-2.08e-004	-9.92e-004	-8.93e-004
727	-5.04e-003	+1.05e-003	-1.10e-004	-1.53e-004	-5.19e-004	-1.44e-003
728	-4.32e-003	+1.01e-003	-1.71e-004	-1.48e-004	-4.61e-004	-1.50e-003
729	-3.58e-003	+9.73e-004	-2.31e-004	-1.35e-004	-3.84e-004	-1.56e-003
730	-2.16e-003	+6.98e-004	-2.89e-004	-8.03e-005	-2.13e-004	-1.53e-003
731	-1.55e-003	+4.81e-004	-2.92e-004	-5.24e-005	-1.31e-004	-1.40e-003
732	-1.01e-003	+2.91e-004	-2.97e-004	-2.73e-005	-5.26e-005	-1.19e-003
733	-3.79e-004	-1.51e-004	-2.87e-004	+9.02e-005	+4.23e-005	-5.49e-004
734	-2.59e-004	-3.19e-004	-2.68e-004	+1.44e-004	+6.40e-005	-3.02e-004
735	-1.95e-004	-4.05e-004	-2.42e-004	+1.75e-004	+9.36e-005	-1.44e-004
736	-1.58e-004	-4.45e-004	-2.05e-004	+2.36e-004	+5.33e-005	-1.16e-006
737	-1.53e-004	-4.42e-004	-2.00e-004	+2.34e-004	+4.73e-005	+8.07e-006
738	-1.48e-004	-4.37e-004	-1.92e-004	+2.27e-004	+4.72e-005	+6.90e-006
739	-8.11e-005	-2.30e-004	-1.87e-004	+2.00e-004	-3.98e-006	-4.64e-006
740	-9.00e-005	-2.25e-004	-1.88e-004	+2.05e-004	-3.40e-006	-1.38e-005
741	-1.27e-004	-3.15e-004	-1.96e-004	+2.00e-004	+6.25e-006	-8.50e-007
742	-1.35e-004	-3.16e-004	-1.92e-004	+2.09e-004	+1.10e-005	+5.57e-006
743	-1.36e-004	-4.24e-004	-1.90e-004	+2.16e-004	+1.70e-005	+1.85e-005
744	-1.23e-004	-4.12e-004	-2.00e-004	+2.00e-004	+6.27e-006	+6.55e-006
745	-1.30e-004	-4.17e-004	-1.96e-004	+2.08e-004	+1.11e-005	+1.37e-005
746	-8.31e-005	-3.25e-004	-1.95e-004	+1.92e-004	-3.22e-006	-5.76e-006
747	-9.16e-005	-3.21e-004	-1.97e-004	+1.94e-004	-2.71e-006	-9.02e-006
748	-1.01e-004	-4.11e-004	-2.02e-004	+1.93e-004	-1.67e-006	-5.04e-006
749	-1.09e-004	-4.10e-004	-2.02e-004	+1.93e-004	-2.71e-008	-8.99e-007
750	-8.47e-005	-4.18e-004	-1.99e-004	+1.93e-004	-3.05e-006	-6.62e-006
751	-9.29e-005	-4.14e-004	-2.01e-004	+1.93e-004	-2.61e-006	-7.71e-006
752	-1.19e-004	-1.19e-004	-1.77e-004	+2.35e-004	+3.66e-007	-2.43e-006
753	-1.19e-004	-2.21e-004	-1.89e-004	+1.97e-004	+1.97e-006	-3.62e-006
754	-1.08e-005	-2.33e-004	-1.80e-004	+2.19e-004	-8.75e-007	-2.27e-007
755	-1.68e-005	-2.35e-004	-1.80e-004	+2.13e-004	-1.35e-006	+8.09e-006
756	-4.42e-005	-3.32e-004	-1.89e-004	+2.00e-004	-2.43e-006	+9.32e-007
757	-5.15e-005	-3.32e-004	-1.90e-004	+1.96e-004	-2.78e-006	-2.62e-006
758	-6.05e-005	-4.25e-004	-1.95e-004	+1.97e-004	-2.80e-006	-5.66e-006
759	-4.55e-005	-4.28e-004	-1.93e-004	+1.98e-004	-2.15e-006	-1.49e-006
760	-5.29e-005	-4.27e-004	-1.94e-004	+1.97e-004	-2.49e-006	-3.52e-006
761	-1.14e-005	-3.34e-004	-1.87e-004	+2.04e-004	-6.32e-007	-3.71e-007
762	-1.76e-005	-3.35e-004	-1.87e-004	+2.01e-004	-9.75e-007	+2.37e-006
763	-2.47e-005	-4.31e-004	-1.91e-004	+1.99e-004	-1.14e-006	-1.21e-006
764	-3.14e-005	-4.30e-004	-1.92e-004	+1.99e-004	-1.46e-006	-2.95e-006
765	-1.17e-005	-4.31e-004	-1.91e-004	+2.01e-004	-5.37e-007	-5.21e-007
766	-1.81e-005	-4.32e-004	-1.91e-004	+2.00e-004	-8.30e-007	+4.58e-007

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl_Z	Rotaz.X	Rotaz.Y	Rotaz.Z
767	-3.34e-005	-1.17e-004	-1.70e-004	+2.65e-004	-2.84e-006	-4.68e-007
768	-3.56e-005	-2.32e-004	-1.81e-004	+2.18e-004	-2.76e-006	-9.89e-007
769	+5.17e-005	-2.35e-004	-1.83e-004	+2.04e-004	+3.76e-006	+1.83e-006
770	+4.45e-005	-2.34e-004	-1.82e-004	+2.11e-004	+3.35e-006	-7.05e-006
771	+1.95e-005	-3.35e-004	-1.87e-004	+2.01e-004	+1.05e-006	-2.29e-006
772	+1.32e-005	-3.34e-004	-1.87e-004	+2.04e-004	+7.02e-007	+4.40e-007
773	+7.25e-006	-4.32e-004	-1.90e-004	+2.00e-004	+3.02e-007	+1.62e-006
774	+2.01e-005	-4.31e-004	-1.91e-004	+2.00e-004	+8.84e-007	-3.44e-007
775	+1.36e-005	-4.31e-004	-1.91e-004	+2.01e-004	+5.87e-007	+6.19e-007
776	+5.39e-005	-3.32e-004	-1.90e-004	+1.96e-004	+2.89e-006	+2.86e-006
777	+4.65e-005	-3.32e-004	-1.90e-004	+1.99e-004	+2.53e-006	-7.40e-007
778	+4.05e-005	-4.29e-004	-1.93e-004	+2.00e-004	+1.87e-006	+2.38e-006
779	+3.35e-005	-4.30e-004	-1.92e-004	+1.99e-004	+1.53e-006	+3.12e-006
780	+5.53e-005	-4.27e-004	-1.94e-004	+1.96e-004	+2.57e-006	+3.86e-006
781	+4.78e-005	-4.28e-004	-1.93e-004	+1.98e-004	+2.22e-006	+1.75e-006
782	+2.31e-005	-1.29e-004	-1.69e-004	+2.53e-004	+2.00e-006	+2.87e-007
783	+2.48e-005	-2.38e-004	-1.80e-004	+2.07e-004	+1.95e-006	+6.02e-007
784	+1.45e-004	-2.12e-004	-1.84e-004	+2.13e-004	-1.06e-005	+2.74e-006
785	+1.34e-004	-2.15e-004	-1.88e-004	+2.03e-004	-5.49e-006	+1.17e-005
786	+9.49e-005	-3.19e-004	-1.97e-004	+1.93e-004	+2.81e-006	+9.73e-006
787	+8.62e-005	-3.23e-004	-1.96e-004	+1.91e-004	+3.33e-006	+6.35e-006
788	+7.94e-005	-4.19e-004	-1.98e-004	+1.94e-004	+3.25e-006	+5.45e-006
789	+9.62e-005	-4.12e-004	-2.01e-004	+1.92e-004	+2.70e-006	+8.62e-006
790	+8.78e-005	-4.16e-004	-2.00e-004	+1.92e-004	+3.15e-006	+7.40e-006
791	+1.40e-004	-3.12e-004	-1.93e-004	+2.07e-004	-1.14e-005	-4.66e-006
792	+1.31e-004	-3.12e-004	-1.96e-004	+1.98e-004	-6.41e-006	+1.78e-006
793	+1.20e-004	-4.07e-004	-2.02e-004	+1.93e-004	-2.62e-006	-1.08e-006
794	+1.13e-004	-4.07e-004	-2.03e-004	+1.92e-004	+4.31e-008	+1.99e-006
795	+1.34e-004	-4.12e-004	-1.96e-004	+2.06e-004	-1.14e-005	-1.27e-005
796	+1.27e-004	-4.08e-004	-2.00e-004	+1.98e-004	-6.43e-006	-5.45e-006
797	+1.01e-004	-1.10e-004	-1.77e-004	+2.52e-004	+3.37e-006	+4.05e-006
798	+1.03e-004	-2.19e-004	-1.90e-004	+2.08e-004	+2.41e-006	+6.03e-006
799	+1.52e-004	-4.31e-004	-1.91e-004	+2.25e-004	-4.74e-005	-6.04e-006
800	+1.57e-004	-4.36e-004	-1.98e-004	+2.32e-004	-4.81e-005	-7.69e-006
801	+1.63e-004	-4.39e-004	-2.03e-004	+2.35e-004	-5.38e-005	+8.71e-007
802	+2.00e-004	-4.00e-004	-2.36e-004	+1.75e-004	-9.51e-005	+1.42e-004
803	+2.63e-004	-3.16e-004	-2.61e-004	+1.45e-004	-6.67e-005	+2.96e-004
804	+3.81e-004	-1.52e-004	-2.78e-004	+9.24e-005	-4.52e-005	+5.38e-004
805	+1.01e-003	+2.83e-004	-2.86e-004	-2.54e-005	+4.61e-005	+1.17e-003
806	+1.54e-003	+4.70e-004	-2.81e-004	-5.10e-005	+1.24e-004	+1.39e-003
807	+2.14e-003	+6.85e-004	-2.77e-004	-7.87e-005	+2.06e-004	+1.51e-003
808	+5.11e-003	+9.16e-004	-2.03e-005	-4.97e-004	+6.46e-004	+1.30e-003
809	+3.54e-003	+9.57e-004	-2.16e-004	-1.36e-004	+3.75e-004	+1.55e-003
810	+4.28e-003	+9.97e-004	-1.56e-004	-1.49e-004	+4.52e-004	+1.49e-003
811	+5.41e-003	+9.93e-004	-2.77e-005	-6.39e-005	+5.81e-004	+1.36e-003
812	+4.99e-003	+1.03e-003	-9.32e-005	-1.58e-004	+5.10e-004	+1.42e-003
813	-3.78e-008	+1.81e-006	-4.05e-006	-4.04e-004	-8.38e-007	-6.52e-009
814	-7.82e-007	+1.75e-004	-3.32e-005	-3.54e-004	-8.14e-007	-2.39e-008
815	-1.50e-006	+3.07e-004	-6.00e-005	-2.31e-004	-7.72e-007	-1.33e-007
816	-2.17e-006	+3.75e-004	-8.41e-005	-7.12e-005	-7.23e-007	-5.40e-007
817	-2.06e-005	+3.70e-004	-1.06e-004	+8.86e-005	-4.80e-006	+6.67e-007
818	-2.45e-005	+3.00e-004	-1.25e-004	+2.19e-004	-4.29e-006	+5.81e-007
819	-2.78e-006	+3.70e-004	-1.06e-004	+9.04e-005	-6.66e-007	-1.84e-006
820	-3.33e-006	+2.99e-004	-1.25e-004	+2.24e-004	-6.03e-007	-5.56e-006
821	-3.81e-006	+1.78e-004	-1.41e-004	+3.04e-004	-5.36e-007	-1.50e-005
822	-4.27e-006	+1.94e-005	-1.57e-004	+3.02e-004	-4.43e-007	-2.72e-005
823	-4.62e-006	-1.23e-004	-1.68e-004	+2.60e-004	-4.15e-007	-2.05e-005
824	+5.03e-007	+1.81e-006	-3.98e-006	-4.02e-004	+1.11e-005	+7.42e-009
825	+1.03e-005	+1.74e-004	-3.28e-005	-3.52e-004	+1.06e-005	-7.09e-007
826	+1.96e-005	+3.05e-004	-5.95e-005	-2.29e-004	+9.83e-006	-1.20e-006

“ RELAZIONE DI CALCOLO ”

Nodo	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z
827	+2.81e-005	+3.73e-004	-8.40e-005	-7.05e-005	+8.95e-006	-1.15e-006
828	+1.41e-005	+3.69e-004	-1.06e-004	+9.22e-005	+3.31e-006	-3.81e-007
829	+1.68e-005	+2.96e-004	-1.25e-004	+2.29e-004	+2.98e-006	-3.32e-007
830	+3.56e-005	+3.68e-004	-1.06e-004	+9.02e-005	+7.99e-006	+9.19e-008
831	+4.21e-005	+2.96e-004	-1.26e-004	+2.23e-004	+6.99e-006	+4.06e-006
832	+4.76e-005	+1.77e-004	-1.43e-004	+3.02e-004	+5.97e-006	+1.40e-005
833	+5.24e-005	+1.94e-005	-1.59e-004	+2.99e-004	+4.79e-006	+2.71e-005
834	+5.60e-005	-1.21e-004	-1.72e-004	+2.56e-004	+4.30e-006	+2.16e-005
835	+2.21e-006	+1.64e-006	-3.23e-006	-3.31e-004	+3.46e-005	-8.31e-007
836	+4.68e-005	+1.43e-004	-2.66e-005	-2.89e-004	+3.89e-005	-1.94e-005
837	+8.81e-005	+2.50e-004	-5.11e-005	-1.86e-004	+3.20e-005	-3.48e-005
838	+1.21e-004	+3.05e-004	-7.44e-005	-5.62e-005	+2.00e-005	-4.35e-005
839	+7.18e-005	+3.58e-004	-1.06e-004	+8.57e-005	+1.35e-005	-1.00e-005
840	+8.28e-005	+2.90e-004	-1.27e-004	+2.12e-004	+1.05e-005	-7.81e-006
841	+1.44e-004	+3.01e-004	-9.62e-005	+7.29e-005	+8.07e-006	-4.42e-005
842	+1.59e-004	+2.43e-004	-1.16e-004	+1.80e-004	-2.03e-006	-3.84e-005
843	+1.66e-004	+1.46e-004	-1.34e-004	+2.46e-004	-1.02e-005	-3.13e-005
844	+1.67e-004	+1.61e-005	-1.51e-004	+2.53e-004	-1.43e-005	-2.53e-005
845	+1.63e-004	-1.07e-004	-1.65e-004	+2.31e-004	-1.50e-005	-1.24e-005
846	-6.61e-007	+1.81e-006	-3.93e-006	-4.00e-004	-1.45e-005	+3.26e-009
847	-1.35e-005	+1.73e-004	-3.25e-005	-3.50e-004	-1.38e-005	+1.46e-006
848	-2.55e-005	+3.04e-004	-5.92e-005	-2.28e-004	-1.25e-005	+2.72e-006
849	-3.63e-005	+3.71e-004	-8.39e-005	-7.00e-005	-1.12e-005	+3.75e-006
850	-9.16e-005	+3.45e-004	-1.04e-004	+8.63e-005	-1.52e-005	+1.92e-005
851	-1.04e-004	+2.77e-004	-1.26e-004	+2.14e-004	-1.05e-005	+1.55e-005
852	-4.58e-005	+3.66e-004	-1.06e-004	+8.98e-005	-9.76e-006	+5.04e-006
853	-5.37e-005	+2.95e-004	-1.27e-004	+2.22e-004	-8.32e-006	+8.15e-006
854	-6.01e-005	+1.76e-004	-1.44e-004	+3.00e-004	-6.86e-006	+1.65e-005
855	-6.56e-005	+1.94e-005	-1.61e-004	+2.97e-004	-5.32e-006	+2.71e-005
856	-6.94e-005	-1.20e-004	-1.74e-004	+2.54e-004	-4.56e-006	+1.85e-005
857	-7.26e-005	-2.30e-004	-1.86e-004	+2.07e-004	-4.20e-006	+4.80e-006
858	-1.18e-004	-3.16e-004	-1.98e-004	+1.94e-004	+2.60e-006	-1.23e-006
859	-1.16e-004	-4.10e-004	-2.02e-004	+1.95e-004	+2.56e-006	+2.20e-006
860	-7.48e-005	-3.26e-004	-1.94e-004	+1.95e-004	-3.38e-006	-2.02e-006
861	-7.65e-005	-4.20e-004	-1.98e-004	+1.94e-004	-3.15e-006	-4.80e-006
862	-4.96e-006	-2.35e-004	-1.79e-004	+2.14e-004	-4.07e-007	-8.56e-006
863	-3.73e-005	-3.32e-004	-1.89e-004	+2.03e-004	-2.06e-006	-1.57e-006
864	-3.83e-005	-4.29e-004	-1.92e-004	+2.00e-004	-1.80e-006	-2.17e-006
865	-5.20e-006	-3.35e-004	-1.87e-004	+2.02e-004	-2.97e-007	-3.14e-006
866	-5.36e-006	-4.32e-004	-1.90e-004	+2.00e-004	-2.54e-007	-1.53e-006
867	+5.92e-005	-2.32e-004	-1.84e-004	+2.10e-004	+4.10e-006	+1.08e-005
868	+2.60e-005	-3.35e-004	-1.88e-004	+1.99e-004	+1.41e-006	+9.70e-007
869	+2.67e-005	-4.31e-004	-1.91e-004	+1.99e-004	+1.20e-006	+1.35e-006
870	+6.15e-005	-3.29e-004	-1.92e-004	+1.97e-004	+3.20e-006	+6.59e-006
871	+6.31e-005	-4.24e-004	-1.96e-004	+1.96e-004	+2.89e-006	+6.09e-006
872	+1.57e-004	-2.13e-004	-1.77e-004	+2.14e-004	-1.52e-005	-5.73e-006
873	+1.04e-004	-3.15e-004	-1.98e-004	+1.95e-004	+1.77e-006	+6.30e-006
874	+1.04e-004	-4.09e-004	-2.02e-004	+1.92e-004	+1.73e-006	+6.06e-006
875	+1.49e-004	-3.16e-004	-1.86e-004	+2.13e-004	-1.70e-005	-9.62e-006
876	+1.41e-004	-4.19e-004	-1.90e-004	+2.14e-004	-1.75e-005	-1.75e-005

MASSIME DEFORMAZIONI NODALI

	Trasl.X	Trasl.Y	Trasl.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
Deform. nodali	-5.73e-003	+1.09e-003	-2.98e-004	+2.03e-002	+2.35e-003	-1.58e-003	+5.83e-003
Nodo	33	33	34	7	78	38	33

“ RELAZIONE DI CALCOLO ”

FORZE/MOMENTI

FORZE MOMENTI PER GRUPPI PIASTRA

GRUPPO NUMERO: 1 - DESCRIZIONE: PARAMENTO MURARIO

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
1	1	-2.291e+003	-1.054e+004	-1.748e+003	-2.087e+002	-8.273e+002	3.827e+000	16848.3	4059.36
1	2	-2.958e+003	-1.331e+004	-1.800e+003	-2.508e+002	-9.909e+002	1.130e+001	20677.4	4998.95
1	3	-2.275e+003	-1.024e+004	-1.384e+003	-1.929e+002	-7.622e+002	8.692e+000	15906.9	3846.05
1	4	-2.275e+003	-1.024e+004	-1.384e+003	-1.929e+002	-7.622e+002	8.692e+000	15906.9	3846.05
1	5	-2.275e+003	-1.024e+004	-1.384e+003	-1.929e+002	-7.622e+002	8.692e+000	15906.9	3846.05
2	1	1.750e+003	-4.704e+003	-7.137e+002	-2.929e+002	3.443e+002	-7.358e+001	2758.69	10899.1
2	2	1.526e+003	-5.857e+003	-6.451e+002	-4.045e+002	-9.896e+001	-8.301e+001	6470.74	8879.67
2	3	1.174e+003	-4.505e+003	-4.962e+002	-3.111e+002	-7.612e+001	-6.386e+001	4977.26	6829.9
2	4	1.174e+003	-4.505e+003	-4.962e+002	-3.111e+002	-7.612e+001	-6.386e+001	4977.26	6829.9
2	5	1.174e+003	-4.505e+003	-4.962e+002	-3.111e+002	-7.612e+001	-6.386e+001	4977.26	6829.9
3	1	-2.502e+003	-1.082e+004	9.867e+001	-2.068e+002	-8.288e+002	5.615e-001	16816.3	2815.67
3	2	-3.182e+003	-1.354e+004	1.008e+002	-2.485e+002	-9.949e+002	3.871e-001	20670.8	3861.6
3	3	-2.448e+003	-1.042e+004	7.751e+001	-1.911e+002	-7.653e+002	2.978e-001	15905.1	2974.79
3	4	-2.448e+003	-1.042e+004	7.751e+001	-1.911e+002	-7.653e+002	2.978e-001	15905.1	2974.79
3	5	-2.448e+003	-1.042e+004	7.751e+001	-1.911e+002	-7.653e+002	2.978e-001	15905.1	2974.79
4	1	8.162e+002	-4.641e+003	5.000e+001	5.453e+002	6.688e+002	9.537e+001	5551.22	9631.69
4	2	5.659e+002	-5.733e+003	4.978e+001	4.294e+002	2.110e+002	9.531e+001	7422.35	6847.52
4	3	4.353e+002	-4.410e+003	3.830e+001	3.303e+002	1.623e+002	7.331e+001	5709.47	5267.24
4	4	4.353e+002	-4.410e+003	3.830e+001	3.303e+002	1.623e+002	7.331e+001	5709.47	5267.24
4	5	4.353e+002	-4.410e+003	3.830e+001	3.303e+002	1.623e+002	7.331e+001	5709.47	5267.24
5	1	-2.212e+003	-1.044e+004	2.104e+003	-2.095e+002	-8.259e+002	-9.150e+000	16862.4	4588.35
5	2	-2.869e+003	-1.321e+004	2.184e+003	-2.517e+002	-9.887e+002	-1.886e+001	20668.8	5523
5	3	-2.207e+003	-1.016e+004	1.680e+003	-1.936e+002	-7.606e+002	-1.451e+001	15898.1	4247.02
5	4	-2.207e+003	-1.016e+004	1.680e+003	-1.936e+002	-7.606e+002	-1.451e+001	15898.1	4247.02
5	5	-2.207e+003	-1.016e+004	1.680e+003	-1.936e+002	-7.606e+002	-1.451e+001	15898.1	4247.02
6	1	2.061e+003	-4.722e+003	8.160e+002	-2.909e+002	3.472e+002	-6.428e+001	1324.83	11436.4
6	2	1.856e+003	-5.891e+003	7.311e+002	-4.018e+002	-9.103e+001	-5.152e+001	6036.17	9473.22
6	3	1.427e+003	-4.531e+003	5.624e+002	-3.091e+002	-7.002e+001	-3.963e+001	4642.45	7286.27
6	4	1.427e+003	-4.531e+003	5.624e+002	-3.091e+002	-7.002e+001	-3.963e+001	4642.45	7286.27
6	5	1.427e+003	-4.531e+003	5.624e+002	-3.091e+002	-7.002e+001	-3.963e+001	4642.45	7286.27
7	1	6.174e+003	-4.350e+003	2.849e+003	4.226e+002	8.745e+001	2.086e+002	14840.2	6741.77
7	2	6.602e+003	-5.128e+003	2.730e+003	3.737e+002	-1.452e+002	2.769e+002	17172.8	5959.44
7	3	5.078e+003	-3.945e+003	2.100e+003	2.875e+002	-1.117e+002	2.130e+002	13210	4583.78
7	4	5.078e+003	-3.945e+003	2.100e+003	2.875e+002	-1.117e+002	2.130e+002	13210	4583.78
7	5	5.078e+003	-3.945e+003	2.100e+003	2.875e+002	-1.117e+002	2.130e+002	13210	4583.78
8	1	1.375e+004	-4.991e+003	2.112e+003	-2.005e+001	-4.564e+002	4.132e+001	20354.7	14615.9
8	2	1.435e+004	-5.854e+003	2.209e+003	-3.069e+001	-5.881e+002	8.900e+001	22684.9	15001.1
8	3	1.104e+004	-4.503e+003	1.699e+003	-2.360e+001	-4.524e+002	6.847e+001	17451.3	11540.5
8	4	1.104e+004	-4.503e+003	1.699e+003	-2.360e+001	-4.524e+002	6.847e+001	17451.3	11540.5
8	5	1.104e+004	-4.503e+003	1.699e+003	-2.360e+001	-4.524e+002	6.847e+001	17451.3	11540.5
9	1	-6.614e+003	-8.179e+003	9.461e+003	6.061e+003	1.636e+003	1.252e+003	59672.4	55685.7
9	2	-6.107e+003	-8.897e+003	9.852e+003	6.109e+003	1.538e+003	1.223e+003	61066.7	55593.1
9	3	-4.697e+003	-6.844e+003	7.578e+003	4.699e+003	1.183e+003	9.409e+002	46974.3	42761.5
9	4	-4.697e+003	-6.844e+003	7.578e+003	4.699e+003	1.183e+003	9.409e+002	46974.3	42761.5
9	5	-4.697e+003	-6.844e+003	7.578e+003	4.699e+003	1.183e+003	9.409e+002	46974.3	42761.5
10	1	1.755e+003	-3.715e+003	-3.067e+002	-1.601e+002	-8.597e+002	1.869e+003	32105.9	31127.2
10	2	2.090e+003	-4.661e+003	1.352e+002	-1.831e+002	-1.076e+002	1.817e+003	33279.8	29665.2
10	3	1.608e+003	-3.586e+003	1.040e+002	-1.408e+002	-8.275e+002	1.398e+003	25604	22824.1
10	4	1.608e+003	-3.586e+003	1.040e+002	-1.408e+002	-8.275e+002	1.398e+003	25604	22824.1
10	5	1.608e+003	-3.586e+003	1.040e+002	-1.408e+002	-8.275e+002	1.398e+003	25604	22824.1
11	1	-7.113e+002	-9.246e+003	-7.012e+003	-1.912e+002	-7.054e+002	2.149e+002	17117	15981
11	2	-1.087e+003	-1.185e+004	-7.759e+003	-2.269e+002	-8.407e+002	2.658e+002	20481	18335.8
11	3	-8.361e+002	-9.117e+003	-5.968e+003	-1.745e+002	-6.467e+002	2.045e+002	15755.6	14104.6
11	4	-8.361e+002	-9.117e+003	-5.968e+003	-1.745e+002	-6.467e+002	2.045e+002	15755.6	14104.6
11	5	-8.361e+002	-9.117e+003	-5.968e+003	-1.745e+002	-6.467e+002	2.045e+002	15755.6	14104.6
12	1	6.428e+003	-4.084e+003	-2.168e+003	3.843e+002	2.415e+002	-3.822e+001	11888.3	8720.03

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
12	2	6.737e+003	-4.886e+003	-1.964e+003	3.274e+002	-1.936e+001	-1.062e+002	14064.7	7459.99
12	3	5.182e+003	-3.759e+003	-1.510e+003	2.518e+002	-1.489e+001	-8.167e+001	10818.1	5738.82
12	4	5.182e+003	-3.759e+003	-1.510e+003	2.518e+002	-1.489e+001	-8.167e+001	10818.1	5738.82
12	5	5.182e+003	-3.759e+003	-1.510e+003	2.518e+002	-1.489e+001	-8.167e+001	10818.1	5738.82
13	1	8.142e+003	-4.815e+003	-1.934e+003	-5.911e+002	-7.091e+002	-1.726e+002	14346.4	12877.1
13	2	8.717e+003	-5.646e+003	-1.937e+003	-6.056e+002	-8.582e+002	-2.328e+002	17006.6	13364.1
13	3	6.706e+003	-4.343e+003	-1.490e+003	-4.658e+002	-6.601e+002	-1.791e+002	13082.3	10280.4
13	4	6.706e+003	-4.343e+003	-1.490e+003	-4.658e+002	-6.601e+002	-1.791e+002	13082.3	10280.4
13	5	6.706e+003	-4.343e+003	-1.490e+003	-4.658e+002	-6.601e+002	-1.791e+002	13082.3	10280.4
14	1	2.195e+004	-5.485e+003	-8.888e+003	5.880e+003	2.718e+003	-4.777e+002	73042.3	33023
14	2	2.273e+004	-6.199e+003	-9.176e+003	5.930e+003	2.647e+003	-4.879e+002	74768	32957.7
14	3	1.748e+004	-4.769e+003	-7.058e+003	4.561e+003	2.036e+003	-3.753e+002	57505.2	25351.3
14	4	1.748e+004	-4.769e+003	-7.058e+003	4.561e+003	2.036e+003	-3.753e+002	57505.2	25351.3
14	5	1.748e+004	-4.769e+003	-7.058e+003	4.561e+003	2.036e+003	-3.753e+002	57505.2	25351.3
15	1	2.028e+003	-3.690e+003	-7.264e+002	6.083e+002	-3.594e+002	-1.967e+003	35585.1	30883.8
15	2	2.465e+003	-4.510e+003	-1.173e+003	5.867e+002	-5.489e+002	-1.917e+003	36512.7	29294.3
15	3	1.896e+003	-3.469e+003	-9.020e+002	4.513e+002	-4.223e+002	-1.474e+003	28077.2	22524.7
15	4	1.896e+003	-3.469e+003	-9.020e+002	4.513e+002	-4.223e+002	-1.474e+003	28077.2	22524.7
15	5	1.896e+003	-3.469e+003	-9.020e+002	4.513e+002	-4.223e+002	-1.474e+003	28077.2	22524.7
16	1	6.355e+001	-5.110e+003	4.186e+001	-3.240e+002	-1.798e+003	-1.462e+003	31403.5	26042.2
16	2	7.323e+001	-7.211e+003	-9.165e+001	-3.339e+002	-2.092e+003	-1.430e+003	34546	25615.8
16	3	5.633e+001	-5.547e+003	-7.050e+001	-2.568e+002	-1.609e+003	-1.100e+003	26572.4	19703.5
16	4	5.633e+001	-5.547e+003	-7.050e+001	-2.568e+002	-1.609e+003	-1.100e+003	26572.4	19703.5
16	5	5.633e+001	-5.547e+003	-7.050e+001	-2.568e+002	-1.609e+003	-1.100e+003	26572.4	19703.5
17	1	-9.758e+001	-3.753e+003	-1.355e+002	-1.914e+002	-4.966e+002	-3.858e+002	18143.3	14064.3
17	2	-1.468e+002	-5.115e+003	-3.873e+002	-1.990e+002	-6.090e+002	-3.634e+002	20373.4	13268
17	3	-1.129e+002	-3.935e+003	-2.980e+002	-1.531e+002	-4.685e+002	-2.795e+002	15671.8	10205
17	4	-1.129e+002	-3.935e+003	-2.980e+002	-1.531e+002	-4.685e+002	-2.795e+002	15671.8	10205
17	5	-1.129e+002	-3.935e+003	-2.980e+002	-1.531e+002	-4.685e+002	-2.795e+002	15671.8	10205
18	1	1.004e+003	-1.759e+003	2.021e+003	2.215e+002	-4.099e+001	-5.005e+002	15399.9	20915.5
18	2	5.809e+002	-2.294e+003	1.405e+003	2.139e+002	-1.051e+002	-4.671e+002	15776.2	18820.7
18	3	4.469e+002	-1.764e+003	1.081e+003	1.646e+002	-8.086e+001	-3.593e+002	12135.4	14477.9
18	4	4.469e+002	-1.764e+003	1.081e+003	1.646e+002	-8.086e+001	-3.593e+002	12135.4	14477.9
18	5	4.469e+002	-1.764e+003	1.081e+003	1.646e+002	-8.086e+001	-3.593e+002	12135.4	14477.9
19	1	6.692e+003	-3.997e+003	1.405e+003	2.155e+003	6.573e+002	-4.442e+002	47362.8	35900.6
19	2	5.958e+003	-4.555e+003	1.196e+003	2.127e+003	6.312e+002	-4.534e+002	46695	36014.1
19	3	4.583e+003	-3.504e+003	9.198e+002	1.636e+003	4.856e+002	-3.488e+002	35916.3	27701.2
19	4	4.583e+003	-3.504e+003	9.198e+002	1.636e+003	4.856e+002	-3.488e+002	35916.3	27701.2
19	5	4.583e+003	-3.504e+003	9.198e+002	1.636e+003	4.856e+002	-3.488e+002	35916.3	27701.2
20	1	8.126e+003	-3.705e+003	-1.001e+003	-2.431e+001	-3.444e+001	-1.880e+000	10698.6	10584.5
20	2	7.400e+003	-4.315e+003	-8.874e+002	-4.769e+001	-8.351e+001	-3.687e+001	11122.6	9949.08
20	3	5.693e+003	-3.320e+003	-6.827e+002	-3.668e+001	-6.424e+001	-2.836e+001	8557.23	7654.23
20	4	5.693e+003	-3.320e+003	-6.827e+002	-3.668e+001	-6.424e+001	-2.836e+001	8557.23	7654.23
20	5	5.693e+003	-3.320e+003	-6.827e+002	-3.668e+001	-6.424e+001	-2.836e+001	8557.23	7654.23
21	1	4.985e+003	-3.392e+003	-1.001e+003	1.457e+002	1.969e+002	2.315e+001	7688.65	8906.59
21	2	4.398e+003	-3.951e+003	-5.865e+002	1.211e+002	1.006e+002	-1.790e+001	8125.39	7167.51
21	3	3.383e+003	-3.039e+003	-4.512e+002	9.318e+001	7.737e+001	-1.377e+001	6250.78	5512.55
21	4	3.383e+003	-3.039e+003	-4.512e+002	9.318e+001	7.737e+001	-1.377e+001	6250.78	5512.55
21	5	3.383e+003	-3.039e+003	-4.512e+002	9.318e+001	7.737e+001	-1.377e+001	6250.78	5512.55
22	1	2.366e+003	-3.455e+003	-4.237e+002	2.479e+001	4.346e+002	2.659e+001	4485.21	13216.2
22	2	2.146e+003	-4.254e+003	-3.279e+002	-1.686e+001	2.576e+002	2.131e+001	1578.25	10896.9
22	3	1.651e+003	-3.272e+003	-2.523e+002	-1.297e+001	1.981e+002	1.639e+001	1214.23	8381.02
22	4	1.651e+003	-3.272e+003	-2.523e+002	-1.297e+001	1.981e+002	1.639e+001	1214.23	8381.02
22	5	1.651e+003	-3.272e+003	-2.523e+002	-1.297e+001	1.981e+002	1.639e+001	1214.23	8381.02
23	1	1.484e+003	-3.405e+003	3.542e+001	2.046e+002	4.806e+002	-2.997e+001	5936.35	11911.9
23	2	1.327e+003	-4.167e+003	3.470e+001	1.589e+002	2.971e+002	-2.977e+001	4029.22	9345.96
23	3	1.021e+003	-3.205e+003	2.669e+001	1.222e+002	2.285e+002	-2.290e+001	3099.11	7188.37
23	4	1.021e+003	-3.205e+003	2.669e+001	1.222e+002	2.285e+002	-2.290e+001	3099.11	7188.37
23	5	1.021e+003	-3.205e+003	2.669e+001	1.222e+002	2.285e+002	-2.290e+001	3099.11	7188.37
24	1	2.635e+003	-3.470e+003	4.609e+002	2.515e+001	4.329e+002	2.772e+001	4798.91	13255.2
24	2	2.401e+003	-4.280e+003	3.370e+002	-1.522e+001	2.583e+002	3.448e+001	2544.4	11022.9
24	3	1.847e+003	-3.292e+003	2.592e+002	-1.171e+001	1.987e+002	2.652e+001	1957.1	8479.1
24	4	1.847e+003	-3.292e+003	2.592e+002	-1.171e+001	1.987e+002	2.652e+001	1957.1	8479.1
24	5	1.847e+003	-3.292e+003	2.592e+002	-1.171e+001	1.987e+002	2.652e+001	1957.1	8479.1
25	1	5.691e+003	-3.542e+003	1.076e+003	1.351e+002	1.186e+002	-5.681e+001	9024.9	8724.63
25	2	5.052e+003	-4.085e+003	7.699e+002	1.122e+002	3.471e+001	-2.026e+001	9466.91	6956.06
25	3	3.886e+003	-3.142e+003	5.922e+002	8.632e+001	2.670e+001	-1.559e+001	7282.08	5350.28

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
25	4	3.886e+003	-3.142e+003	5.922e+002	8.632e+001	2.670e+001	-1.559e+001	7282.08	5350.28
25	5	3.886e+003	-3.142e+003	5.922e+002	8.632e+001	2.670e+001	-1.559e+001	7282.08	5350.28
26	1	9.336e+003	-3.671e+003	1.062e+003	1.903e+002	-4.099e+000	1.322e+002	16609.6	8431
26	2	8.597e+003	-4.302e+003	1.039e+003	1.701e+002	-4.477e+001	1.543e+002	16816.2	8308.27
26	3	6.613e+003	-3.309e+003	7.992e+002	1.309e+002	-3.444e+001	1.187e+002	12936.4	6389.97
26	4	6.613e+003	-3.309e+003	7.992e+002	1.309e+002	-3.444e+001	1.187e+002	12936.4	6389.97
26	5	6.613e+003	-3.309e+003	7.992e+002	1.309e+002	-3.444e+001	1.187e+002	12936.4	6389.97
27	1	5.451e+003	-6.102e+003	-2.842e+003	2.176e+003	9.447e+002	4.091e+002	44630.4	38241.9
27	2	4.824e+003	-6.656e+003	-2.513e+003	2.144e+003	9.152e+002	3.873e+002	43703	37594.8
27	3	3.711e+003	-5.120e+003	-1.933e+003	1.649e+003	7.040e+002	2.979e+002	33613.4	28915.4
27	4	3.711e+003	-5.120e+003	-1.933e+003	1.649e+003	7.040e+002	2.979e+002	33613.4	28915.4
27	5	3.711e+003	-5.120e+003	-1.933e+003	1.649e+003	7.040e+002	2.979e+002	33613.4	28915.4
28	1	-1.371e+002	-2.017e+003	-1.363e+003	-1.266e+002	-2.931e+002	4.970e+002	16250.6	19717
28	2	-3.983e+002	-2.639e+003	-6.673e+002	-1.322e+002	-3.690e+002	4.630e+002	17198.3	17537.2
28	3	-3.064e+002	-2.030e+003	-5.133e+002	-1.017e+002	-2.838e+002	3.562e+002	13230.4	13491.5
28	4	-3.064e+002	-2.030e+003	-5.133e+002	-1.017e+002	-2.838e+002	3.562e+002	13230.4	13491.5
28	5	-3.064e+002	-2.030e+003	-5.133e+002	-1.017e+002	-2.838e+002	3.562e+002	13230.4	13491.5
29	1	-2.465e+003	-1.077e+004	-6.968e+002	-2.068e+002	-8.287e+002	-1.836e-001	16820	3025.35
29	2	-3.145e+003	-1.350e+004	-7.014e+002	-2.486e+002	-9.944e+002	1.688e+000	20671	4031.86
29	3	-2.419e+003	-1.039e+004	-5.395e+002	-1.912e+002	-7.649e+002	1.299e+000	15906	3106.63
29	4	-2.419e+003	-1.039e+004	-5.395e+002	-1.912e+002	-7.649e+002	1.299e+000	15906	3106.63
29	5	-2.419e+003	-1.039e+004	-5.395e+002	-1.912e+002	-7.649e+002	1.299e+000	15906	3106.63
30	1	1.379e+001	-7.806e+003	-1.359e+003	-6.699e+002	-2.570e+003	-1.729e+001	29392.2	14376.6
30	2	-3.786e+002	-9.806e+003	-1.354e+003	-8.302e+002	-3.187e+003	-1.608e+001	36391.6	17704.1
30	3	-2.912e+002	-7.543e+003	-1.042e+003	-6.386e+002	-2.452e+003	-1.237e+001	27997.8	13622.7
30	4	-2.912e+002	-7.543e+003	-1.042e+003	-6.386e+002	-2.452e+003	-1.237e+001	27997.8	13622.7
30	5	-2.912e+002	-7.543e+003	-1.042e+003	-6.386e+002	-2.452e+003	-1.237e+001	27997.8	13622.7
31	1	-6.046e+002	-7.819e+003	-5.681e+002	-6.245e+002	-2.585e+003	-1.741e+001	29388.8	14537.5
31	2	-1.065e+003	-9.755e+003	-5.632e+002	-7.837e+002	-3.215e+003	-1.707e+001	36447	18095.9
31	3	-8.189e+002	-7.504e+003	-4.332e+002	-6.028e+002	-2.473e+003	-1.313e+001	28035.9	13919.1
31	4	-8.189e+002	-7.504e+003	-4.332e+002	-6.028e+002	-2.473e+003	-1.313e+001	28035.9	13919.1
31	5	-8.189e+002	-7.504e+003	-4.332e+002	-6.028e+002	-2.473e+003	-1.313e+001	28035.9	13919.1
32	1	-2.384e+003	-1.066e+004	-1.272e+003	-2.071e+002	-8.284e+002	2.458e+000	16828.9	3510.08
32	2	-3.060e+003	-1.342e+004	-1.294e+003	-2.490e+002	-9.932e+002	6.881e+000	20681.5	4468.06
32	3	-2.354e+003	-1.032e+004	-9.957e+002	-1.916e+002	-7.640e+002	5.293e+000	15905.7	3434.81
32	4	-2.354e+003	-1.032e+004	-9.957e+002	-1.916e+002	-7.640e+002	5.293e+000	15905.7	3434.81
32	5	-2.354e+003	-1.032e+004	-9.957e+002	-1.916e+002	-7.640e+002	5.293e+000	15905.7	3434.81
33	1	-1.467e+003	-9.656e+003	-1.665e+003	-5.127e+002	-2.028e+003	1.580e+000	26259.4	8712.95
33	2	-2.031e+003	-1.217e+004	-1.705e+003	-6.193e+002	-2.441e+003	7.913e+000	31992	9904.46
33	3	-1.563e+003	-9.364e+003	-1.311e+003	-4.764e+002	-1.877e+003	6.087e+000	24605	7610.64
33	4	-1.563e+003	-9.364e+003	-1.311e+003	-4.764e+002	-1.877e+003	6.087e+000	24605	7610.64
33	5	-1.563e+003	-9.364e+003	-1.311e+003	-4.764e+002	-1.877e+003	6.087e+000	24605	7610.64
34	1	-1.655e+003	-9.729e+003	-1.217e+003	-5.072e+002	-2.031e+003	3.242e+000	26241	8492.25
34	2	-2.245e+003	-1.223e+004	-1.234e+003	-6.134e+002	-2.448e+003	6.980e+000	32005.8	9731.04
34	3	-1.727e+003	-9.405e+003	-9.493e+002	-4.718e+002	-1.883e+003	5.369e+000	24616.7	7487.35
34	4	-1.727e+003	-9.405e+003	-9.493e+002	-4.718e+002	-1.883e+003	5.369e+000	24616.7	7487.35
34	5	-1.727e+003	-9.405e+003	-9.493e+002	-4.718e+002	-1.883e+003	5.369e+000	24616.7	7487.35
35	1	-2.342e+003	-1.061e+004	-1.498e+003	-2.073e+002	-8.281e+002	2.144e+000	16845.3	3747.15
35	2	-3.015e+003	-1.337e+004	-1.532e+003	-2.494e+002	-9.924e+002	7.914e+000	20682.2	4688.26
35	3	-2.319e+003	-1.029e+004	-1.179e+003	-1.918e+002	-7.634e+002	6.088e+000	15915.1	3611.02
35	4	-2.319e+003	-1.029e+004	-1.179e+003	-1.918e+002	-7.634e+002	6.088e+000	15915.1	3611.02
35	5	-2.319e+003	-1.029e+004	-1.179e+003	-1.918e+002	-7.634e+002	6.088e+000	15915.1	3611.02
36	1	9.986e+002	-4.651e+003	-3.334e+002	5.455e+002	6.693e+002	-9.586e+001	5884.73	9607.4
36	2	7.498e+002	-5.755e+003	-3.175e+002	4.298e+002	2.135e+002	-9.796e+001	7710.34	6823.84
36	3	5.768e+002	-4.427e+003	-2.442e+002	3.306e+002	1.642e+002	-7.535e+001	5931.19	5248.93
36	4	5.768e+002	-4.427e+003	-2.442e+002	3.306e+002	1.642e+002	-7.535e+001	5931.19	5248.93
36	5	5.768e+002	-4.427e+003	-2.442e+002	3.306e+002	1.642e+002	-7.535e+001	5931.19	5248.93
37	1	2.240e+003	-3.471e+003	-4.747e+002	-2.088e+002	8.713e+002	2.919e+001	4576.02	14270
37	2	2.060e+003	-4.297e+003	-4.009e+002	-2.829e+002	5.614e+002	1.649e+001	1427.66	12632.3
37	3	1.584e+003	-3.306e+003	-3.084e+002	-2.176e+002	4.318e+002	1.268e+001	1097.66	9716.77
37	4	1.584e+003	-3.306e+003	-3.084e+002	-2.176e+002	4.318e+002	1.268e+001	1097.66	9716.77
37	5	1.584e+003	-3.306e+003	-3.084e+002	-2.176e+002	4.318e+002	1.268e+001	1097.66	9716.77
38	1	1.503e+003	-3.426e+003	-2.364e+002	7.366e+002	1.236e+003	4.871e+001	8296.6	13225.8
38	2	1.332e+003	-4.218e+003	-2.205e+002	6.562e+002	9.164e+002	4.546e+001	6521.64	11261.6
38	3	1.025e+003	-3.244e+003	-1.696e+002	5.048e+002	7.049e+002	3.497e+001	5017.23	8662.02
38	4	1.025e+003	-3.244e+003	-1.696e+002	5.048e+002	7.049e+002	3.497e+001	5017.23	8662.02
38	5	1.025e+003	-3.244e+003	-1.696e+002	5.048e+002	7.049e+002	3.497e+001	5017.23	8662.02

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
39	1	1.367e+003	-4.676e+003	-5.628e+002	5.451e+002	6.701e+002	9.359e+001	5867.59	9964.78
39	2	1.127e+003	-5.803e+003	-5.225e+002	4.302e+002	2.193e+002	8.765e+001	7763.46	7265.69
39	3	8.672e+002	-4.464e+003	-4.019e+002	3.309e+002	1.687e+002	6.742e+001	5972.01	5589.23
39	4	8.672e+002	-4.464e+003	-4.019e+002	3.309e+002	1.687e+002	6.742e+001	5972.01	5589.23
39	5	8.672e+002	-4.464e+003	-4.019e+002	3.309e+002	1.687e+002	6.742e+001	5972.01	5589.23
40	1	1.543e+003	-4.689e+003	-6.385e+002	5.451e+002	6.705e+002	-9.756e+001	6590.03	9708.38
40	2	1.309e+003	-5.828e+003	-5.855e+002	4.306e+002	2.226e+002	-1.047e+002	8363.08	6997.6
40	3	1.007e+003	-4.483e+003	-4.504e+002	3.312e+002	1.712e+002	-8.054e+001	6433.13	5382.49
40	4	1.007e+003	-4.483e+003	-4.504e+002	3.312e+002	1.712e+002	-8.054e+001	6433.13	5382.49
40	5	1.007e+003	-4.483e+003	-4.504e+002	3.312e+002	1.712e+002	-8.054e+001	6433.13	5382.49
41	1	-2.438e+003	-1.073e+004	9.257e+002	-2.078e+002	-2.822e+002	-3.642e-001	16814.1	3189.34
41	2	-3.116e+003	-1.347e+004	9.383e+002	-2.496e+002	-9.937e+002	-2.923e+000	20667.3	4175.24
41	3	-2.397e+003	-1.036e+004	7.218e+002	-1.920e+002	-7.644e+002	-2.248e+000	15896.5	3210.2
41	4	-2.397e+003	-1.036e+004	7.218e+002	-1.920e+002	-7.644e+002	-2.248e+000	15896.5	3210.2
41	5	-2.397e+003	-1.036e+004	7.218e+002	-1.920e+002	-7.644e+002	-2.248e+000	15896.5	3210.2
42	1	-7.419e+002	-7.824e+003	8.187e+001	-6.243e+002	-2.586e+003	1.741e+001	29334.8	14554.4
42	2	-1.211e+003	-9.743e+003	8.303e+001	-7.832e+002	-3.217e+003	1.733e+001	36390.1	18145.5
42	3	-9.312e+002	-7.495e+003	6.387e+001	-6.024e+002	-2.475e+003	1.333e+001	27996.6	13961.2
42	4	-9.312e+002	-7.495e+003	6.387e+001	-6.024e+002	-2.475e+003	1.333e+001	27996.6	13961.2
42	5	-9.312e+002	-7.495e+003	6.387e+001	-6.024e+002	-2.475e+003	1.333e+001	27996.6	13961.2
43	1	-5.065e+002	-7.813e+003	7.504e+002	-6.668e+002	-2.573e+003	1.683e+001	29191.9	14364.7
43	2	-9.587e+002	-9.758e+003	7.480e+002	-8.261e+002	-3.201e+003	1.640e+001	36242.5	17883
43	3	-7.374e+002	-7.506e+003	5.754e+002	-6.354e+002	-2.462e+003	1.261e+001	27876.1	13753.7
43	4	-7.374e+002	-7.506e+003	5.754e+002	-6.354e+002	-2.462e+003	1.261e+001	27876.1	13753.7
43	5	-7.374e+002	-7.506e+003	5.754e+002	-6.354e+002	-2.462e+003	1.261e+001	27876.1	13753.7
44	1	-2.490e+003	-1.080e+004	4.114e+002	-2.077e+002	-8.284e+002	-9.920e-001	16807.7	2895.25
44	2	-3.169e+003	-1.353e+004	4.154e+002	-2.494e+002	-9.944e+002	-1.893e+000	20668.5	3931.97
44	3	-2.438e+003	-1.040e+004	3.195e+002	-1.919e+002	-7.649e+002	-1.456e+000	15890.9	3017.43
44	4	-2.438e+003	-1.040e+004	3.195e+002	-1.919e+002	-7.649e+002	-1.456e+000	15890.9	3017.43
44	5	-2.438e+003	-1.040e+004	3.195e+002	-1.919e+002	-7.649e+002	-1.456e+000	15890.9	3017.43
45	1	-1.897e+003	-9.828e+003	9.517e+001	-5.063e+002	-2.033e+003	1.734e+000	26205.7	8188.5
45	2	-2.506e+003	-1.228e+004	9.712e+001	-6.118e+002	-2.452e+003	1.583e+000	31954.6	9514.21
45	3	-1.928e+003	-9.449e+003	7.471e+001	-4.706e+002	-1.886e+003	1.218e+000	24581.8	7314.62
45	4	-1.928e+003	-9.449e+003	7.471e+001	-4.706e+002	-1.886e+003	1.218e+000	24581.8	7314.62
45	5	-1.928e+003	-9.449e+003	7.471e+001	-4.706e+002	-1.886e+003	1.218e+000	24581.8	7314.62
46	1	-1.871e+003	-9.816e+003	3.963e+002	-5.100e+002	-2.031e+003	-2.091e+000	26180.6	8199.77
46	2	-2.480e+003	-1.228e+004	3.997e+002	-6.156e+002	-2.450e+003	-2.848e+000	31939.5	9510.4
46	3	-1.907e+003	-9.443e+003	3.075e+002	-4.735e+002	-1.885e+003	-2.191e+000	24569.6	7322.06
46	4	-1.907e+003	-9.443e+003	3.075e+002	-4.735e+002	-1.885e+003	-2.191e+000	24569.6	7322.06
46	5	-1.907e+003	-9.443e+003	3.075e+002	-4.735e+002	-1.885e+003	-2.191e+000	24569.6	7322.06
47	1	-2.498e+003	-1.081e+004	2.535e+002	-2.077e+002	-8.285e+002	4.625e-001	16807.5	2841.19
47	2	-3.178e+003	-1.354e+004	2.563e+002	-2.494e+002	-9.945e+002	-5.878e-002	20669.9	3891.19
47	3	-2.444e+003	-1.041e+004	1.972e+002	-1.919e+002	-7.650e+002	-4.521e-002	15894.7	2988.34
47	4	-2.444e+003	-1.041e+004	1.972e+002	-1.919e+002	-7.650e+002	-4.521e-002	15894.7	2988.34
47	5	-2.444e+003	-1.041e+004	1.972e+002	-1.919e+002	-7.650e+002	-4.521e-002	15894.7	2988.34
48	1	1.129e+003	-4.657e+003	4.350e+002	-2.929e+002	3.431e+002	7.154e+001	2455.17	10377.1
48	2	8.841e+002	-5.767e+003	4.149e+002	-4.059e+002	-1.105e+002	7.460e+001	6218.15	8173.26
48	3	6.801e+002	-4.436e+003	3.192e+002	-3.122e+002	-8.499e+001	5.738e+001	4783.01	6286.83
48	4	6.801e+002	-4.436e+003	3.192e+002	-3.122e+002	-8.499e+001	5.738e+001	4783.01	6286.83
48	5	6.801e+002	-4.436e+003	3.192e+002	-3.122e+002	-8.499e+001	5.738e+001	4783.01	6286.83
49	1	1.316e+003	-3.418e+003	3.617e+001	7.364e+002	1.235e+003	-4.923e+001	8223.17	13155
49	2	1.148e+003	-4.201e+003	3.572e+001	6.554e+002	9.147e+002	-4.880e+001	6399.06	11184.5
49	3	8.831e+002	-3.231e+003	2.747e+001	5.041e+002	7.036e+002	-3.754e+001	4922.02	8602.88
49	4	8.831e+002	-3.231e+003	2.747e+001	5.041e+002	7.036e+002	-3.754e+001	4922.02	8602.88
49	5	8.831e+002	-3.231e+003	2.747e+001	5.041e+002	7.036e+002	-3.754e+001	4922.02	8602.88
50	1	1.637e+003	-3.432e+003	3.064e+002	-2.095e+002	8.717e+002	-3.112e+001	4911.96	13801.7
50	2	1.467e+003	-4.227e+003	2.854e+002	-2.867e+002	5.544e+002	-2.678e+001	1902.78	12087.4
50	3	1.128e+003	-3.252e+003	2.195e+002	-2.205e+002	4.265e+002	-2.060e+001	1463.68	9298.14
50	4	1.128e+003	-3.252e+003	2.195e+002	-2.205e+002	4.265e+002	-2.060e+001	1463.68	9298.14
50	5	1.128e+003	-3.252e+003	2.195e+002	-2.205e+002	4.265e+002	-2.060e+001	1463.68	9298.14
51	1	8.796e+002	-4.644e+003	2.037e+002	-2.927e+002	3.423e+002	-6.990e+001	1863.26	10270
51	2	6.303e+002	-5.739e+003	1.981e+002	-4.061e+002	-1.140e+002	-6.855e+001	5950.08	8021.68
51	3	4.849e+002	-4.414e+003	1.524e+002	-3.124e+002	-8.768e+001	-5.273e+001	4576.34	6170.26
51	4	4.849e+002	-4.414e+003	1.524e+002	-3.124e+002	-8.768e+001	-5.273e+001	4576.34	6170.26
51	5	4.849e+002	-4.414e+003	1.524e+002	-3.124e+002	-8.768e+001	-5.273e+001	4576.34	6170.26
52	1	8.381e+002	-4.642e+003	1.268e+002	-2.928e+002	3.421e+002	7.057e+001	2196.27	10170.1
52	2	5.882e+002	-5.735e+003	1.241e+002	-4.062e+002	-1.146e+002	7.102e+001	6056.54	7900.58

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
52	3	4.525e+002	-4.411e+003	9.547e+001	-3.125e+002	-8.812e+001	5.463e+001	4658.14	6077.51
52	4	4.525e+002	-4.411e+003	9.547e+001	-3.125e+002	-8.812e+001	5.463e+001	4658.14	6077.51
52	5	4.525e+002	-4.411e+003	9.547e+001	-3.125e+002	-8.812e+001	5.463e+001	4658.14	6077.51
53	1	-1.569e+003	-9.512e+003	4.317e+003	-2.197e+002	-8.006e+002	-8.272e+001	16692.6	9113.26
53	2	-2.115e+003	-1.216e+004	4.671e+003	-2.619e+002	-9.541e+002	-1.134e+002	20221.1	10497.1
53	3	-1.627e+003	-9.351e+003	3.593e+003	-2.015e+002	-7.339e+002	-8.720e+001	15551.8	8073.29
53	4	-1.627e+003	-9.351e+003	3.593e+003	-2.015e+002	-7.339e+002	-8.720e+001	15551.8	8073.29
53	5	-1.627e+003	-9.351e+003	3.593e+003	-2.015e+002	-7.339e+002	-8.720e+001	15551.8	8073.29
54	1	2.840e+002	-7.796e+003	1.611e+003	-6.730e+002	-2.565e+003	-1.583e+001	29407.9	14481.1
54	2	-7.294e+001	-9.812e+003	1.615e+003	-8.336e+002	-3.177e+003	-1.731e+001	36388	17711.1
54	3	-5.611e+001	-7.548e+003	1.242e+003	-6.412e+002	-2.444e+003	-1.332e+001	27992.6	13624.9
54	4	-5.611e+001	-7.548e+003	1.242e+003	-6.412e+002	-2.444e+003	-1.332e+001	27992.6	13624.9
54	5	-5.611e+001	-7.548e+003	1.242e+003	-6.412e+002	-2.444e+003	-1.332e+001	27992.6	13624.9
55	1	2.331e+003	-7.603e+003	2.999e+003	-6.852e+002	-2.484e+003	-1.074e+001	29491.5	14634.2
55	2	2.336e+003	-9.647e+003	3.103e+003	-8.437e+002	-3.042e+003	-1.564e+001	36072	17304.4
55	3	1.797e+003	-7.421e+003	2.387e+003	-6.490e+002	-2.340e+003	-1.203e+001	27747.9	13311
55	4	1.797e+003	-7.421e+003	2.387e+003	-6.490e+002	-2.340e+003	-1.203e+001	27747.9	13311
55	5	1.797e+003	-7.421e+003	2.387e+003	-6.490e+002	-2.340e+003	-1.203e+001	27747.9	13311
56	1	-2.030e+003	-1.020e+004	2.804e+003	-2.116e+002	-8.219e+002	-2.138e+001	16887.2	5761.09
56	2	-2.660e+003	-1.295e+004	2.956e+003	-2.540e+002	-9.821e+002	-3.718e+001	20616.8	6767.82
56	3	-2.046e+003	-9.964e+003	2.274e+003	-1.954e+002	-7.555e+002	-2.860e+001	15861.8	5207.43
56	4	-2.046e+003	-9.964e+003	2.274e+003	-1.954e+002	-7.555e+002	-2.860e+001	15861.8	5207.43
56	5	-2.046e+003	-9.964e+003	2.274e+003	-1.954e+002	-7.555e+002	-2.860e+001	15861.8	5207.43
57	1	-1.309e+003	-9.588e+003	1.998e+003	-5.150e+002	-2.024e+003	-8.194e+000	26254.3	8965.52
57	2	-1.851e+003	-1.211e+004	2.062e+003	-6.219e+002	-2.434e+003	-1.642e+001	31963.2	10130.6
57	3	-1.424e+003	-9.317e+003	1.586e+003	-4.784e+002	-1.873e+003	-1.263e+001	24594.8	7796.89
57	4	-1.424e+003	-9.317e+003	1.586e+003	-4.784e+002	-1.873e+003	-1.263e+001	24594.8	7796.89
57	5	-1.424e+003	-9.317e+003	1.586e+003	-4.784e+002	-1.873e+003	-1.263e+001	24594.8	7796.89
58	1	-9.490e+002	-9.431e+003	2.644e+003	-5.197e+002	-2.014e+003	-1.457e+001	26258.7	9529.88
58	2	-1.430e+003	-1.196e+004	2.768e+003	-6.270e+002	-2.417e+003	-2.799e+001	31902.1	10687.4
58	3	-1.100e+003	-9.201e+003	2.130e+003	-4.823e+002	-1.859e+003	-2.153e+001	24539.1	8219.22
58	4	-1.100e+003	-9.201e+003	2.130e+003	-4.823e+002	-1.859e+003	-2.153e+001	24539.1	8219.22
58	5	-1.100e+003	-9.201e+003	2.130e+003	-4.823e+002	-1.859e+003	-2.153e+001	24539.1	8219.22
59	1	-2.130e+003	-1.033e+004	2.430e+003	-2.098e+002	-8.246e+002	-1.431e+001	16875.8	5107.25
59	2	-2.777e+003	-1.310e+004	2.542e+003	-2.521e+002	-9.863e+002	-2.675e+001	20656	6068.38
59	3	-2.136e+003	-1.008e+004	1.955e+003	-1.939e+002	-7.587e+002	-2.057e+001	15892.3	4669.16
59	4	-2.136e+003	-1.008e+004	1.955e+003	-1.939e+002	-7.587e+002	-2.057e+001	15892.3	4669.16
59	5	-2.136e+003	-1.008e+004	1.955e+003	-1.939e+002	-7.587e+002	-2.057e+001	15892.3	4669.16
60	1	3.997e+003	-4.706e+003	1.179e+003	4.851e+002	5.973e+002	-5.396e+001	8217.99	10457.1
60	2	3.983e+003	-5.938e+003	9.643e+002	3.851e+002	2.173e+002	-1.271e+001	10229.3	8380.72
60	3	3.064e+003	-4.568e+003	7.418e+002	2.963e+002	1.671e+002	-9.773e+000	7870.03	6446.25
60	4	3.064e+003	-4.568e+003	7.418e+002	2.963e+002	1.671e+002	-9.773e+000	7870.03	6446.25
60	5	3.064e+003	-4.568e+003	7.418e+002	2.963e+002	1.671e+002	-9.773e+000	7870.03	6446.25
61	1	2.536e+003	-3.487e+003	5.308e+002	-2.059e+002	8.726e+002	3.884e+001	4685.8	14431.8
61	2	2.360e+003	-4.325e+003	4.369e+002	-2.784e+002	5.663e+002	5.525e+001	2003.05	12861.5
61	3	1.816e+003	-3.327e+003	3.361e+002	-2.142e+002	4.356e+002	4.250e+001	1540.65	9894.16
61	4	1.816e+003	-3.327e+003	3.361e+002	-2.142e+002	4.356e+002	4.250e+001	1540.65	9894.16
61	5	1.816e+003	-3.327e+003	3.361e+002	-2.142e+002	4.356e+002	4.250e+001	1540.65	9894.16
62	1	4.183e+003	-3.467e+003	6.721e+002	6.765e+002	1.134e+003	5.669e+001	9541.84	13154.5
62	2	4.035e+003	-4.357e+003	4.102e+002	6.201e+002	8.715e+002	1.124e+002	8967.01	11792.4
62	3	3.103e+003	-3.352e+003	3.156e+002	4.770e+002	6.704e+002	8.643e+001	6896.88	9071.27
62	4	3.103e+003	-3.352e+003	3.156e+002	4.770e+002	6.704e+002	8.643e+001	6896.88	9071.27
62	5	3.103e+003	-3.352e+003	3.156e+002	4.770e+002	6.704e+002	8.643e+001	6896.88	9071.27
63	1	2.686e+003	-4.754e+003	9.635e+002	5.455e+002	6.685e+002	1.119e+002	7967.37	10031.1
63	2	2.527e+003	-5.958e+003	8.323e+002	4.347e+002	2.443e+002	1.323e+002	9702.83	7626.3
63	3	1.944e+003	-4.583e+003	6.402e+002	3.344e+002	1.879e+002	1.018e+002	7464.24	5866.15
63	4	1.944e+003	-4.583e+003	6.402e+002	3.344e+002	1.879e+002	1.018e+002	7464.24	5866.15
63	5	1.944e+003	-4.583e+003	6.402e+002	3.344e+002	1.879e+002	1.018e+002	7464.24	5866.15
64	1	2.352e+003	-4.740e+003	8.902e+002	5.524e+002	6.750e+002	-8.547e+001	6877.38	10382.2
64	2	2.166e+003	-5.926e+003	7.836e+002	4.401e+002	2.423e+002	-6.905e+001	8717.37	7817.77
64	3	1.666e+003	-4.558e+003	6.028e+002	3.386e+002	1.864e+002	-5.311e+001	6705.6	6013.16
64	4	1.666e+003	-4.558e+003	6.028e+002	3.386e+002	1.864e+002	-5.311e+001	6705.6	6013.16
64	5	1.666e+003	-4.558e+003	6.028e+002	3.386e+002	1.864e+002	-5.311e+001	6705.6	6013.16
65	1	7.982e+003	-4.584e+003	2.516e+003	-5.964e+002	-5.878e+002	2.466e+002	14201.3	13139.2
65	2	8.534e+003	-5.529e+003	2.465e+003	-6.436e+002	-7.710e+002	3.146e+002	16995.2	13822.4
65	3	6.565e+003	-4.253e+003	1.896e+003	-4.951e+002	-5.930e+002	2.420e+002	13072.5	10633.5
65	4	6.565e+003	-4.253e+003	1.896e+003	-4.951e+002	-5.930e+002	2.420e+002	13072.5	10633.5

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
65	5	6.565e+003	-4.253e+003	1.896e+003	-4.951e+002	-5.930e+002	2.420e+002	13072.5	10633.5
66	1	5.597e+003	-3.423e+003	1.153e+003	5.971e+002	4.801e+002	1.536e+001	10930	8113.98
66	2	5.539e+003	-3.975e+003	9.622e+002	5.664e+002	3.332e+002	1.032e+002	11782.7	7215.98
66	3	4.260e+003	-3.058e+003	7.402e+002	4.357e+002	2.563e+002	7.935e+001	9063.01	5550.55
66	4	4.260e+003	-3.058e+003	7.402e+002	4.357e+002	2.563e+002	7.935e+001	9063.01	5550.55
66	5	4.260e+003	-3.058e+003	7.402e+002	4.357e+002	2.563e+002	7.935e+001	9063.01	5550.55
67	1	7.403e+003	-3.323e+003	1.858e+003	-5.431e+002	-3.406e+002	6.920e+000	8599.8	12938.3
67	2	7.419e+003	-4.008e+003	1.753e+003	-5.751e+002	-4.487e+002	9.930e+001	10481.2	12791.9
67	3	5.707e+003	-3.083e+003	1.349e+003	-4.424e+002	-3.452e+002	7.638e+001	8063.08	9840.04
67	4	5.707e+003	-3.083e+003	1.349e+003	-4.424e+002	-3.452e+002	7.638e+001	8063.08	9840.04
67	5	5.707e+003	-3.083e+003	1.349e+003	-4.424e+002	-3.452e+002	7.638e+001	8063.08	9840.04
68	1	7.196e+003	-4.487e+003	2.750e+003	-3.328e+002	-3.031e+002	2.647e+002	13501.9	11239.1
68	2	7.692e+003	-5.415e+003	2.671e+003	-3.906e+002	-5.143e+002	3.331e+002	16216.9	11688.2
68	3	5.917e+003	-4.166e+003	2.055e+003	-3.005e+002	-3.956e+002	2.563e+002	12475.9	8991.76
68	4	5.917e+003	-4.166e+003	2.055e+003	-3.005e+002	-3.956e+002	2.563e+002	12475.9	8991.76
68	5	5.917e+003	-4.166e+003	2.055e+003	-3.005e+002	-3.956e+002	2.563e+002	12475.9	8991.76
69	1	1.690e+004	-7.518e+003	3.889e+003	2.918e+003	1.221e+003	1.643e+002	43458.1	16948.4
69	2	1.761e+004	-8.483e+003	4.029e+003	2.905e+003	1.116e+003	1.987e+002	45058.9	16831.5
69	3	1.354e+004	-6.525e+003	3.099e+003	2.234e+003	8.588e+002	1.529e+002	34647.6	12949.4
69	4	1.354e+004	-6.525e+003	3.099e+003	2.234e+003	8.588e+002	1.529e+002	34647.6	12949.4
69	5	1.354e+004	-6.525e+003	3.099e+003	2.234e+003	8.588e+002	1.529e+002	34647.6	12949.4
70	1	1.303e+004	-3.777e+003	2.583e+003	6.868e+001	-3.252e+002	2.463e+002	19967.4	12774.7
70	2	1.300e+004	-4.408e+003	2.596e+003	5.339e+001	-3.967e+002	3.035e+002	21139	12865
70	3	9.998e+003	-3.391e+003	1.997e+003	4.107e+001	-3.052e+002	2.334e+002	16259.2	9894.03
70	4	9.998e+003	-3.391e+003	1.997e+003	4.107e+001	-3.052e+002	2.334e+002	16259.2	9894.03
70	5	9.998e+003	-3.391e+003	1.997e+003	4.107e+001	-3.052e+002	2.334e+002	16259.2	9894.03
71	1	1.624e+004	-5.967e+003	1.013e+001	3.302e+003	1.372e+003	7.466e+002	45792.9	20989.7
71	2	1.631e+004	-6.660e+003	1.005e+002	3.286e+003	1.322e+003	7.946e+002	46407.6	21424.2
71	3	1.255e+004	-5.123e+003	7.730e+001	2.528e+003	1.017e+003	6.113e+002	35704.6	16481
71	4	1.255e+004	-5.123e+003	7.730e+001	2.528e+003	1.017e+003	6.113e+002	35704.6	16481
71	5	1.255e+004	-5.123e+003	7.730e+001	2.528e+003	1.017e+003	6.113e+002	35704.6	16481
72	1	1.466e+004	-6.542e+003	2.953e+003	1.147e+003	2.012e+002	5.219e+001	28659.5	11723.4
72	2	1.531e+004	-7.540e+003	3.075e+003	1.119e+003	7.908e+001	9.251e+001	30560.2	12097.1
72	3	1.178e+004	-5.800e+003	2.365e+003	8.604e+002	6.083e+001	7.116e+001	23507.3	9310.12
72	4	1.178e+004	-5.800e+003	2.365e+003	8.604e+002	6.083e+001	7.116e+001	23507.3	9310.12
72	5	1.178e+004	-5.800e+003	2.365e+003	8.604e+002	6.083e+001	7.116e+001	23507.3	9310.12
73	1	1.513e+003	-4.554e+003	1.734e+003	1.696e+003	1.590e+002	1.914e+003	39084.3	30738
73	2	2.036e+003	-5.477e+003	2.143e+003	1.676e+003	-3.405e+000	1.861e+003	39930.2	29066.3
73	3	1.566e+003	-4.213e+003	1.648e+003	1.289e+003	-2.619e+000	1.432e+003	30720	22365.5
73	4	1.566e+003	-4.213e+003	1.648e+003	1.289e+003	-2.619e+000	1.432e+003	30720	22365.5
73	5	1.566e+003	-4.213e+003	1.648e+003	1.289e+003	-2.619e+000	1.432e+003	30720	22365.5
74	1	-8.255e+003	-6.550e+003	-5.553e+003	6.678e+003	1.577e+003	1.414e+003	52462.7	70894.7
74	2	-8.332e+003	-7.089e+003	-5.307e+003	6.680e+003	1.529e+003	1.371e+003	52703.7	70449.2
74	3	-6.409e+003	-5.453e+003	-4.083e+003	5.139e+003	1.176e+003	1.055e+003	40548.2	54199.4
74	4	-6.409e+003	-5.453e+003	-4.083e+003	5.139e+003	1.176e+003	1.055e+003	40548.2	54199.4
74	5	-6.409e+003	-5.453e+003	-4.083e+003	5.139e+003	1.176e+003	1.055e+003	40548.2	54199.4
75	1	-1.203e+002	-2.513e+003	-6.328e+002	1.895e+003	3.431e+002	1.712e+003	31819.9	32942.1
75	2	-6.560e+001	-3.148e+003	-2.238e+002	1.890e+003	2.430e+002	1.634e+003	31801.2	31208
75	3	-5.046e+001	-2.421e+003	-1.721e+002	1.454e+003	1.869e+002	1.257e+003	24464.3	24007.9
75	4	-5.046e+001	-2.421e+003	-1.721e+002	1.454e+003	1.869e+002	1.257e+003	24464.3	24007.9
75	5	-5.046e+001	-2.421e+003	-1.721e+002	1.454e+003	1.869e+002	1.257e+003	24464.3	24007.9
76	1	-1.236e+003	-4.655e+003	4.333e+003	3.398e+003	8.581e+002	1.729e+003	45948.5	35486.1
76	2	-6.985e+002	-5.529e+003	4.746e+003	3.397e+003	7.283e+002	1.679e+003	46803.4	34240
76	3	-5.373e+002	-4.253e+003	3.651e+003	2.613e+003	5.603e+002	1.292e+003	36007.9	26341.8
76	4	-5.373e+002	-4.253e+003	3.651e+003	2.613e+003	5.603e+002	1.292e+003	36007.9	26341.8
76	5	-5.373e+002	-4.253e+003	3.651e+003	2.613e+003	5.603e+002	1.292e+003	36007.9	26341.8
77	1	6.018e+002	-4.116e+003	-5.632e+002	-7.079e+002	-1.545e+003	1.601e+003	29936.9	28502
77	2	7.003e+002	-5.758e+003	-2.601e+002	-7.319e+002	-1.819e+003	1.566e+003	32274.9	27732.3
77	3	5.387e+002	-4.430e+003	-2.001e+002	-5.630e+002	-1.399e+003	1.204e+003	24818.3	21322.5
77	4	5.387e+002	-4.430e+003	-2.001e+002	-5.630e+002	-1.399e+003	1.204e+003	24818.3	21322.5
77	5	5.387e+002	-4.430e+003	-2.001e+002	-5.630e+002	-1.399e+003	1.204e+003	24818.3	21322.5
78	1	1.022e+002	-2.247e+003	-2.524e+002	-1.941e+002	-4.937e+002	1.715e+003	28102.9	28369.8
78	2	1.974e+002	-2.901e+003	2.365e+002	-1.940e+002	-6.353e+002	1.640e+003	28246.6	26358.3
78	3	1.518e+002	-2.232e+003	1.819e+002	-1.492e+002	-4.887e+002	1.261e+003	21719.9	20266.9
78	4	1.518e+002	-2.232e+003	1.819e+002	-1.492e+002	-4.887e+002	1.261e+003	21719.9	20266.9
78	5	1.518e+002	-2.232e+003	1.819e+002	-1.492e+002	-4.887e+002	1.261e+003	21719.9	20266.9
79	1	2.714e+002	-3.058e+003	-1.358e+002	-7.846e+002	-9.157e+002	1.405e+003	24760.4	24038.4

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
79	2	3.347e+002	-4.239e+003	2.471e+002	-7.754e+002	-1.104e+003	1.350e+003	25675.8	22597.8
79	3	2.575e+002	-3.261e+003	1.901e+002	-5.965e+002	-8.489e+002	1.039e+003	19757	17390.9
79	4	2.575e+002	-3.261e+003	1.901e+002	-5.965e+002	-8.489e+002	1.039e+003	19757	17390.9
79	5	2.575e+002	-3.261e+003	1.901e+002	-5.965e+002	-8.489e+002	1.039e+003	19757	17390.9
80	1	1.249e+003	-3.998e+003	-5.958e+002	-6.564e+002	-1.239e+003	1.750e+003	30678.5	30391.6
80	2	1.472e+003	-5.298e+003	-1.909e+002	-6.861e+002	-1.487e+003	1.706e+003	32380.4	29235
80	3	1.132e+003	-4.075e+003	-1.468e+002	-5.277e+002	-1.144e+003	1.312e+003	24904.4	22483.8
80	4	1.132e+003	-4.075e+003	-1.468e+002	-5.277e+002	-1.144e+003	1.312e+003	24904.4	22483.8
80	5	1.132e+003	-4.075e+003	-1.468e+002	-5.277e+002	-1.144e+003	1.312e+003	24904.4	22483.8
81	1	-1.787e+003	-9.845e+003	-3.613e+003	-2.173e+002	-8.121e+002	5.098e+001	16797.1	7470.48
81	2	-2.371e+003	-1.255e+004	-3.876e+003	-2.597e+002	-9.685e+002	7.549e+001	20423.2	8677.53
81	3	-1.824e+003	-9.652e+003	-2.981e+003	-1.998e+002	-7.450e+002	5.807e+001	15708	6673.47
81	4	-1.824e+003	-9.652e+003	-2.981e+003	-1.998e+002	-7.450e+002	5.807e+001	15708	6673.47
81	5	-1.824e+003	-9.652e+003	-2.981e+003	-1.998e+002	-7.450e+002	5.807e+001	15708	6673.47
82	1	5.698e+003	-5.485e+003	-4.498e+003	-5.267e+002	-2.076e+003	4.113e-001	26504.9	14853.6
82	2	6.376e+003	-6.950e+003	-4.719e+003	-6.379e+002	-2.525e+003	8.200e+000	31853.1	17166.2
82	3	4.905e+003	-5.346e+003	-3.630e+003	-4.907e+002	-1.942e+003	6.308e+000	24499.6	13203.2
82	4	4.905e+003	-5.346e+003	-3.630e+003	-4.907e+002	-1.942e+003	6.308e+000	24499.6	13203.2
82	5	4.905e+003	-5.346e+003	-3.630e+003	-4.907e+002	-1.942e+003	6.308e+000	24499.6	13203.2
83	1	1.646e+003	-7.695e+003	-2.573e+003	-7.116e+002	-2.518e+003	1.034e+001	29429.9	14539.3
83	2	1.532e+003	-9.754e+003	-2.634e+003	-8.715e+002	-3.093e+003	1.438e+001	36155.2	17341.3
83	3	1.179e+003	-7.503e+003	-2.026e+003	-6.704e+002	-2.379e+003	1.106e+001	27809.6	13337.7
83	4	1.179e+003	-7.503e+003	-2.026e+003	-6.704e+002	-2.379e+003	1.106e+001	27809.6	13337.7
83	5	1.179e+003	-7.503e+003	-2.026e+003	-6.704e+002	-2.379e+003	1.106e+001	27809.6	13337.7
84	1	-1.168e+003	-8.830e+003	-5.568e+003	-2.201e+002	-7.693e+002	1.494e+002	16372.4	12270
84	2	-1.632e+003	-1.132e+004	-6.120e+003	-2.606e+002	-9.154e+002	1.923e+002	19685.1	14095.7
84	3	-1.256e+003	-8.706e+003	-4.708e+003	-2.005e+002	-7.042e+002	1.480e+002	15140.7	10844.1
84	4	-1.256e+003	-8.706e+003	-4.708e+003	-2.005e+002	-7.042e+002	1.480e+002	15140.7	10844.1
84	5	-1.256e+003	-8.706e+003	-4.708e+003	-2.005e+002	-7.042e+002	1.480e+002	15140.7	10844.1
85	1	2.336e+003	-7.427e+003	-6.103e+003	-4.471e+002	-1.693e+003	1.700e+002	23749.7	15379.2
85	2	2.507e+003	-9.547e+003	-6.653e+003	-5.310e+002	-2.022e+003	2.130e+002	28515.7	17279.8
85	3	1.929e+003	-7.344e+003	-5.118e+003	-4.084e+002	-1.556e+003	1.638e+002	21941.6	13293.8
85	4	1.929e+003	-7.344e+003	-5.118e+003	-4.084e+002	-1.556e+003	1.638e+002	21941.6	13293.8
85	5	1.929e+003	-7.344e+003	-5.118e+003	-4.084e+002	-1.556e+003	1.638e+002	21941.6	13293.8
86	1	7.769e+002	-8.411e+003	-5.203e+003	-5.421e+002	-1.866e+003	1.158e+002	25078.3	13500
86	2	6.315e+002	-1.074e+004	-5.686e+003	-6.434e+002	-2.227e+003	1.524e+002	30207.5	15214.7
86	3	4.857e+002	-8.259e+003	-4.374e+003	-4.949e+002	-1.713e+003	1.173e+002	23233.3	11705.5
86	4	4.857e+002	-8.259e+003	-4.374e+003	-4.949e+002	-1.713e+003	1.173e+002	23233.3	11705.5
86	5	4.857e+002	-8.259e+003	-4.374e+003	-4.949e+002	-1.713e+003	1.173e+002	23233.3	11705.5
87	1	-9.312e+002	-8.447e+003	-6.389e+003	-2.150e+002	-7.425e+002	1.939e+002	16228.7	14389.3
87	2	-1.351e+003	-1.086e+004	-7.063e+003	-2.535e+002	-8.837e+002	2.426e+002	19438.2	16488.9
87	3	-1.039e+003	-8.351e+003	-5.433e+003	-1.950e+002	-6.798e+002	1.866e+002	14950.3	12682.9
87	4	-1.039e+003	-8.351e+003	-5.433e+003	-1.950e+002	-6.798e+002	1.866e+002	14950.3	12682.9
87	5	-1.039e+003	-8.351e+003	-5.433e+003	-1.950e+002	-6.798e+002	1.866e+002	14950.3	12682.9
88	1	3.388e+003	-4.745e+003	-1.076e+003	-3.294e+002	2.997e+002	4.293e+001	2403.47	12429.7
88	2	3.303e+003	-5.976e+003	-8.872e+002	-4.325e+002	-9.837e+001	1.021e+001	6696.6	10943.4
88	3	2.541e+003	-4.597e+003	-6.824e+002	-3.327e+002	-7.567e+001	7.854e+000	5151.36	8418.34
88	4	2.541e+003	-4.597e+003	-6.824e+002	-3.327e+002	-7.567e+001	7.854e+000	5151.36	8418.34
88	5	2.541e+003	-4.597e+003	-6.824e+002	-3.327e+002	-7.567e+001	7.854e+000	5151.36	8418.34
89	1	5.978e+003	-3.275e+003	-9.158e+002	5.566e+002	6.671e+002	-4.321e+001	10300.9	9970.15
89	2	5.917e+003	-3.847e+003	-6.519e+002	5.221e+002	5.015e+002	-1.380e+002	10942.6	9170.51
89	3	4.551e+003	-2.959e+003	-5.014e+002	4.016e+002	3.858e+002	-1.061e+002	8416.21	7053.97
89	4	4.551e+003	-2.959e+003	-5.014e+002	4.016e+002	3.858e+002	-1.061e+002	8416.21	7053.97
89	5	4.551e+003	-2.959e+003	-5.014e+002	4.016e+002	3.858e+002	-1.061e+002	8416.21	7053.97
90	1	3.680e+003	-3.500e+003	-6.287e+002	-2.453e+002	8.115e+002	-3.667e+001	3993.3	15026.8
90	2	3.509e+003	-4.389e+003	-4.042e+002	-3.058e+002	5.352e+002	-8.088e+001	2111.31	13765.3
90	3	2.699e+003	-3.376e+003	-3.109e+002	-2.352e+002	4.117e+002	-6.222e+001	1624.16	10588.2
90	4	2.699e+003	-3.376e+003	-3.109e+002	-2.352e+002	4.117e+002	-6.222e+001	1624.16	10588.2
90	5	2.699e+003	-3.376e+003	-3.109e+002	-2.352e+002	4.117e+002	-6.222e+001	1624.16	10588.2
91	1	4.967e+003	-4.465e+003	-1.333e+003	-3.223e+002	1.756e+002	-1.443e+002	6233.34	12246.9
91	2	5.102e+003	-5.609e+003	-1.077e+003	-4.137e+002	-1.562e+002	-2.027e+002	9315.45	11708.1
91	3	3.924e+003	-4.314e+003	-8.285e+002	-3.182e+002	-1.202e+002	-1.559e+002	7165.24	9004.57
91	4	3.924e+003	-4.314e+003	-8.285e+002	-3.182e+002	-1.202e+002	-1.559e+002	7165.24	9004.57
91	5	3.924e+003	-4.314e+003	-8.285e+002	-3.182e+002	-1.202e+002	-1.559e+002	7165.24	9004.57
92	1	5.614e+003	-4.277e+003	-1.561e+003	-3.373e+002	7.056e+001	-4.528e+001	6306.69	12191.2
92	2	5.838e+003	-5.290e+003	-1.312e+003	-4.175e+002	-2.281e+002	-1.105e+002	9471.72	11661.8
92	3	4.491e+003	-4.069e+003	-1.009e+003	-3.212e+002	-1.755e+002	-8.498e+001	7285.62	8970.86

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
92	4	4.491e+003	-4.069e+003	-1.009e+003	-3.212e+002	-1.755e+002	-8.498e+001	7285.62	8970.86
92	5	4.491e+003	-4.069e+003	-1.009e+003	-3.212e+002	-1.755e+002	-8.498e+001	7285.62	8970.86
93	1	6.922e+003	-4.528e+003	-2.707e+003	-3.384e+002	-2.990e+002	-2.539e+002	13150.5	11072.8
93	2	7.395e+003	-5.460e+003	-2.624e+003	-3.967e+002	-5.097e+002	-3.215e+002	15853.6	11489.9
93	3	5.689e+003	-4.200e+003	-2.018e+003	-3.051e+002	-3.921e+002	-2.473e+002	12195.3	8838.36
93	4	5.689e+003	-4.200e+003	-2.018e+003	-3.051e+002	-3.921e+002	-2.473e+002	12195.3	8838.36
93	5	5.689e+003	-4.200e+003	-2.018e+003	-3.051e+002	-3.921e+002	-2.473e+002	12195.3	8838.36
94	1	7.818e+003	-3.633e+003	-2.430e+003	-5.451e+002	-5.440e+002	-3.778e+001	11423.6	12777.1
94	2	7.850e+003	-4.241e+003	-2.365e+003	-5.631e+002	-6.234e+002	-1.204e+002	13071.8	12588.8
94	3	6.038e+003	-3.262e+003	-1.819e+003	-4.332e+002	-4.795e+002	-9.261e+001	10053.9	9683.61
94	4	6.038e+003	-3.262e+003	-1.819e+003	-4.332e+002	-4.795e+002	-9.261e+001	10053.9	9683.61
94	5	6.038e+003	-3.262e+003	-1.819e+003	-4.332e+002	-4.795e+002	-9.261e+001	10053.9	9683.61
95	1	6.349e+003	-3.288e+003	-1.525e+003	-2.468e+002	4.129e+001	4.664e+000	6556.44	11303.5
95	2	6.314e+003	-3.952e+003	-1.382e+003	-2.828e+002	-8.763e+001	-8.340e+001	8230.05	10923.4
95	3	4.857e+003	-3.040e+003	-1.063e+003	-2.175e+002	-6.741e+001	-6.416e+001	6331.13	8402.33
95	4	4.857e+003	-3.040e+003	-1.063e+003	-2.175e+002	-6.741e+001	-6.416e+001	6331.13	8402.33
95	5	4.857e+003	-3.040e+003	-1.063e+003	-2.175e+002	-6.741e+001	-6.416e+001	6331.13	8402.33
96	1	7.691e+003	-4.634e+003	-2.465e+003	-6.039e+002	-5.799e+002	-2.334e+002	13817.6	12978.8
96	2	8.220e+003	-5.583e+003	-2.409e+003	-6.517e+002	-7.624e+002	-3.003e+002	16591.1	13633.2
96	3	6.323e+003	-4.294e+003	-1.853e+003	-5.013e+002	-5.865e+002	-2.310e+002	12762.1	10486.5
96	4	6.323e+003	-4.294e+003	-1.853e+003	-5.013e+002	-5.865e+002	-2.310e+002	12762.1	10486.5
96	5	6.323e+003	-4.294e+003	-1.853e+003	-5.013e+002	-5.865e+002	-2.310e+002	12762.1	10486.5
97	1	1.439e+004	-6.400e+003	-3.087e+003	1.167e+003	2.367e+002	-4.754e+001	28327.8	11698.1
97	2	1.502e+004	-7.387e+003	-3.220e+003	1.140e+003	1.175e+002	-8.748e+001	30181.7	12036.7
97	3	1.156e+004	-5.682e+003	-2.477e+003	8.768e+002	9.038e+001	-6.729e+001	23221.3	9263.93
97	4	1.156e+004	-5.682e+003	-2.477e+003	8.768e+002	9.038e+001	-6.729e+001	23221.3	9263.93
97	5	1.156e+004	-5.682e+003	-2.477e+003	8.768e+002	9.038e+001	-6.729e+001	23221.3	9263.93
98	1	2.075e+004	-4.416e+003	4.679e+003	6.537e+003	3.043e+003	-1.228e+003	73980.4	46684.9
98	2	2.088e+004	-4.956e+003	4.565e+003	6.546e+003	3.022e+003	-1.251e+003	74448.7	46861.7
98	3	1.606e+004	-3.813e+003	3.511e+003	5.035e+003	2.325e+003	-9.620e+002	57262	36044
98	4	1.606e+004	-3.813e+003	3.511e+003	5.035e+003	2.325e+003	-9.620e+002	57262	36044
98	5	1.606e+004	-3.813e+003	3.511e+003	5.035e+003	2.325e+003	-9.620e+002	57262	36044
99	1	1.386e+004	-4.907e+003	-1.560e+003	1.399e+003	3.676e+002	-4.364e+002	29411.4	9786.24
99	2	1.387e+004	-5.614e+003	-1.626e+003	1.380e+003	3.068e+002	-4.859e+002	30235	10325.4
99	3	1.067e+004	-4.318e+003	-1.251e+003	1.062e+003	2.360e+002	-3.737e+002	23261.9	7939.68
99	4	1.067e+004	-4.318e+003	-1.251e+003	1.062e+003	2.360e+002	-3.737e+002	23261.9	7939.68
99	5	1.067e+004	-4.318e+003	-1.251e+003	1.062e+003	2.360e+002	-3.737e+002	23261.9	7939.68
100	1	1.682e+004	-7.424e+003	-4.149e+003	2.967e+003	1.285e+003	-1.539e+002	43602.4	17546.9
100	2	1.751e+004	-8.381e+003	-4.310e+003	2.958e+003	1.186e+003	-1.874e+002	45175.5	17463
100	3	1.347e+004	-6.447e+003	-3.315e+003	2.276e+003	9.126e+002	-1.442e+002	34755.6	13435.2
100	4	1.347e+004	-6.447e+003	-3.315e+003	2.276e+003	9.126e+002	-1.442e+002	34755.6	13435.2
100	5	1.347e+004	-6.447e+003	-3.315e+003	2.276e+003	9.126e+002	-1.442e+002	34755.6	13435.2
101	1	-2.042e+003	-4.492e+003	-4.823e+003	3.447e+003	9.024e+002	-1.752e+003	46546.1	36152.7
101	2	-1.570e+003	-5.353e+003	-5.276e+003	3.450e+003	7.762e+002	-1.704e+003	47395.5	34996.2
101	3	-1.208e+003	-4.118e+003	-4.058e+003	2.654e+003	5.970e+002	-1.311e+003	36461.4	26924
101	4	-1.208e+003	-4.118e+003	-4.058e+003	2.654e+003	5.970e+002	-1.311e+003	36461.4	26924
101	5	-1.208e+003	-4.118e+003	-4.058e+003	2.654e+003	5.970e+002	-1.311e+003	36461.4	26924
102	1	9.416e+002	-1.867e+003	1.373e+002	6.422e+002	-9.470e+001	-1.785e+003	30027.1	29592.9
102	2	9.728e+002	-2.424e+003	-3.266e+002	6.377e+002	-2.176e+002	-1.711e+003	30048.9	27641.9
102	3	7.483e+002	-1.865e+003	-2.512e+002	4.906e+002	-1.674e+002	-1.316e+003	23112.4	21260.7
102	4	7.483e+002	-1.865e+003	-2.512e+002	4.906e+002	-1.674e+002	-1.316e+003	23112.4	21260.7
102	5	7.483e+002	-1.865e+003	-2.512e+002	4.906e+002	-1.674e+002	-1.316e+003	23112.4	21260.7
103	1	-3.950e+003	-2.265e+003	1.664e+003	3.831e+003	9.879e+002	-1.567e+003	36826.4	45442.7
103	2	-4.017e+003	-2.864e+003	1.299e+003	3.830e+003	9.189e+002	-1.493e+003	36746.7	44376.2
103	3	-3.090e+003	-2.203e+003	9.994e+002	2.946e+003	7.068e+002	-1.149e+003	28270.7	34140
103	4	-3.090e+003	-2.203e+003	9.994e+002	2.946e+003	7.068e+002	-1.149e+003	28270.7	34140
103	5	-3.090e+003	-2.203e+003	9.994e+002	2.946e+003	7.068e+002	-1.149e+003	28270.7	34140
104	1	9.228e+002	-4.427e+003	-2.140e+003	1.704e+003	1.819e+002	-1.938e+003	39702.3	30702.3
104	2	1.398e+003	-5.339e+003	-2.580e+003	1.684e+003	2.137e+001	-1.888e+003	40544.9	29049.6
104	3	1.076e+003	-4.107e+003	-1.985e+003	1.295e+003	1.644e+001	-1.452e+003	31183.2	22339
104	4	1.076e+003	-4.107e+003	-1.985e+003	1.295e+003	1.644e+001	-1.452e+003	31183.2	22339
104	5	1.076e+003	-4.107e+003	-1.985e+003	1.295e+003	1.644e+001	-1.452e+003	31183.2	22339
105	1	9.883e+002	-4.053e+003	2.565e+002	-6.789e+002	-1.243e+003	-1.766e+003	31435.5	30065.8
105	2	1.190e+003	-5.358e+003	-1.758e+002	-7.105e+002	-1.492e+003	-1.723e+003	33139.7	28882.2
105	3	9.150e+002	-4.121e+003	-1.352e+002	-5.465e+002	-1.147e+003	-1.325e+003	25483.2	22210.1
105	4	9.150e+002	-4.121e+003	-1.352e+002	-5.465e+002	-1.147e+003	-1.325e+003	25483.2	22210.1
105	5	9.150e+002	-4.121e+003	-1.352e+002	-5.465e+002	-1.147e+003	-1.325e+003	25483.2	22210.1

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
106	1	8.572e+001	-3.827e+003	-9.150e+001	-3.704e+002	-9.698e+002	-1.233e+003	23277.5	20400.6
106	2	1.210e+002	-5.331e+003	-2.588e+002	-3.579e+002	-1.176e+003	-1.187e+003	24780.3	19471.5
106	3	9.305e+001	-4.101e+003	-1.991e+002	-2.753e+002	-9.048e+002	-9.127e+002	19058.1	14972.4
106	4	9.305e+001	-4.101e+003	-1.991e+002	-2.753e+002	-9.048e+002	-9.127e+002	19058.1	14972.4
106	5	9.305e+001	-4.101e+003	-1.991e+002	-2.753e+002	-9.048e+002	-9.127e+002	19058.1	14972.4
107	1	1.399e+002	-2.656e+003	7.591e+001	-7.498e+002	-7.584e+002	-1.592e+003	27148.5	26728
107	2	2.028e+002	-3.592e+003	-4.243e+002	-7.478e+002	-9.250e+002	-1.526e+003	27644.6	24886.2
107	3	1.560e+002	-2.763e+003	-3.264e+002	-5.753e+002	-7.115e+002	-1.174e+003	21267.3	19145.7
107	4	1.560e+002	-2.763e+003	-3.264e+002	-5.753e+002	-7.115e+002	-1.174e+003	21267.3	19145.7
107	5	1.560e+002	-2.763e+003	-3.264e+002	-5.753e+002	-7.115e+002	-1.174e+003	21267.3	19145.7
108	1	4.408e+002	-4.302e+003	2.639e+002	-7.207e+002	-1.550e+003	-1.615e+003	30652.6	30190.7
108	2	5.263e+002	-5.960e+003	-6.333e+001	-7.458e+002	-1.826e+003	-1.581e+003	33014	27396.9
108	3	4.049e+002	-4.584e+003	-4.871e+001	-5.737e+002	-1.404e+003	-1.216e+003	25389.6	21070.8
108	4	4.049e+002	-4.584e+003	-4.871e+001	-5.737e+002	-1.404e+003	-1.216e+003	25389.6	21070.8
108	5	4.049e+002	-4.584e+003	-4.871e+001	-5.737e+002	-1.404e+003	-1.216e+003	25389.6	21070.8
109	1	-1.636e+002	-2.590e+003	3.495e+002	-3.512e+002	-4.468e+002	-4.634e+002	18299.5	17777.3
109	2	-3.666e+002	-2.239e+003	-3.308e+002	-3.531e+002	-5.351e+002	-4.334e+002	19709.7	15888.3
109	3	-2.820e+002	-2.688e+003	-2.545e+002	-2.716e+002	-4.117e+002	-3.334e+002	15162.4	12222.6
109	4	-2.820e+002	-2.688e+003	-2.545e+002	-2.716e+002	-4.117e+002	-3.334e+002	15162.4	12222.6
109	5	-2.820e+002	-2.688e+003	-2.545e+002	-2.716e+002	-4.117e+002	-3.334e+002	15162.4	12222.6
110	1	-8.888e+000	-2.217e+003	-7.155e+001	-1.669e+002	-4.256e+002	-3.255e+002	14733.6	12303.9
110	2	-6.160e+001	-2.911e+003	-2.279e+002	-1.573e+002	-4.532e+002	-3.006e+002	15127.1	11240.9
110	3	-4.738e+001	-2.239e+003	-1.753e+002	-1.210e+002	-3.486e+002	-2.312e+002	11635.1	8645.91
110	4	-4.738e+001	-2.239e+003	-1.753e+002	-1.210e+002	-3.486e+002	-2.312e+002	11635.1	8645.91
110	5	-4.738e+001	-2.239e+003	-1.753e+002	-1.210e+002	-3.486e+002	-2.312e+002	11635.1	8645.91
111	1	1.126e+002	-1.815e+003	2.313e+002	-3.513e+002	-2.762e+002	-4.055e+002	15272.8	15588.7
111	2	-3.059e+002	-2.330e+003	-2.986e+002	-3.296e+002	-3.024e+002	-3.696e+002	15291.3	13333.8
111	3	-2.353e+002	-1.792e+003	-2.297e+002	-2.536e+002	-2.326e+002	-2.843e+002	11762.4	10256.9
111	4	-2.353e+002	-1.792e+003	-2.297e+002	-2.536e+002	-2.326e+002	-2.843e+002	11762.4	10256.9
111	5	-2.353e+002	-1.792e+003	-2.297e+002	-2.536e+002	-2.326e+002	-2.843e+002	11762.4	10256.9
112	1	-1.284e+002	-3.205e+003	-7.833e+001	-3.745e+002	-5.203e+002	-4.207e+002	18725.8	16029.9
112	2	-2.420e+002	-4.347e+003	-6.159e+002	-3.771e+002	-6.205e+002	-3.962e+002	20587.4	14680
112	3	-1.861e+002	-3.344e+003	-4.738e+002	-2.901e+002	-4.773e+002	-3.048e+002	15837.2	11293.2
112	4	-1.861e+002	-3.344e+003	-4.738e+002	-2.901e+002	-4.773e+002	-3.048e+002	15837.2	11293.2
112	5	-1.861e+002	-3.344e+003	-4.738e+002	-2.901e+002	-4.773e+002	-3.048e+002	15837.2	11293.2
113	1	8.645e+002	-5.408e+003	4.458e+003	1.381e+003	5.778e+002	-4.071e+002	26519.2	31811.5
113	2	2.366e+002	-6.050e+003	4.042e+003	1.371e+003	5.424e+002	-3.714e+002	26049.6	30766.2
113	3	1.820e+002	-4.653e+003	3.110e+003	1.054e+003	4.172e+002	-2.857e+002	20026.1	23659.8
113	4	1.820e+002	-4.653e+003	3.110e+003	1.054e+003	4.172e+002	-2.857e+002	20026.1	23659.8
113	5	1.820e+002	-4.653e+003	3.110e+003	1.054e+003	4.172e+002	-2.857e+002	20026.1	23659.8
114	1	1.436e+003	-1.233e+003	1.709e+003	2.535e+002	-6.227e+001	-4.290e+002	14232.1	18059.3
114	2	5.795e+002	-1.580e+003	1.271e+003	2.569e+002	-8.211e+001	-3.886e+002	13601.7	16201
114	3	4.458e+002	-1.215e+003	9.777e+002	1.976e+002	-6.316e+001	-2.989e+002	10461.9	12461.5
114	4	4.458e+002	-1.215e+003	9.777e+002	1.976e+002	-6.316e+001	-2.989e+002	10461.9	12461.5
114	5	4.458e+002	-1.215e+003	9.777e+002	1.976e+002	-6.316e+001	-2.989e+002	10461.9	12461.5
115	1	4.410e+003	-3.483e+003	1.628e+003	1.357e+003	2.158e+002	-3.401e+002	32179.7	24544.2
115	2	3.198e+003	-3.891e+003	1.322e+003	1.343e+003	1.961e+002	-2.972e+002	30870.1	24162.9
115	3	2.460e+003	-2.993e+003	1.017e+003	1.033e+003	1.508e+002	-2.286e+002	23745	18585.6
115	4	2.460e+003	-2.993e+003	1.017e+003	1.033e+003	1.508e+002	-2.286e+002	23745	18585.6
115	5	2.460e+003	-2.993e+003	1.017e+003	1.033e+003	1.508e+002	-2.286e+002	23745	18585.6
116	1	4.536e+002	-2.798e+003	2.900e+003	7.084e+002	2.310e+002	-4.627e+002	17490.3	24012.5
116	2	-7.588e+001	-3.420e+003	2.385e+003	7.042e+002	1.816e+002	-4.272e+002	17369.2	22397.1
116	3	-5.837e+001	-2.631e+003	1.835e+003	5.417e+002	1.397e+002	-3.286e+002	13360.4	17228.7
116	4	-5.837e+001	-2.631e+003	1.835e+003	5.417e+002	1.397e+002	-3.286e+002	13360.4	17228.7
116	5	-5.837e+001	-2.631e+003	1.835e+003	5.417e+002	1.397e+002	-3.286e+002	13360.4	17228.7
117	1	1.071e+004	-4.102e+003	-4.676e+002	6.067e+002	2.100e+002	-2.488e+002	24564.2	10909.9
117	2	9.958e+003	-4.815e+003	-5.068e+002	5.993e+002	1.800e+002	-2.683e+002	24654.7	11287.5
117	3	7.660e+003	-3.704e+003	-3.899e+002	4.610e+002	1.384e+002	-2.064e+002	18966.1	8682.29
117	4	7.660e+003	-3.704e+003	-3.899e+002	4.610e+002	1.384e+002	-2.064e+002	18966.1	8682.29
117	5	7.660e+003	-3.704e+003	-3.899e+002	4.610e+002	1.384e+002	-2.064e+002	18966.1	8682.29
118	1	6.705e+003	-2.023e+003	-4.285e+002	1.997e+003	3.155e+002	-3.774e+002	46419.5	32066.1
118	2	5.263e+003	-2.392e+003	-5.661e+002	1.933e+003	2.898e+002	-3.864e+002	44377.9	32284.3
118	3	4.048e+003	-1.840e+003	-4.355e+002	1.487e+003	2.229e+002	-2.972e+002	34137.8	24835.5
118	4	4.048e+003	-1.840e+003	-4.355e+002	1.487e+003	2.229e+002	-2.972e+002	34137.8	24835.5
118	5	4.048e+003	-1.840e+003	-4.355e+002	1.487e+003	2.229e+002	-2.972e+002	34137.8	24835.5
119	1	7.797e+003	-1.885e+003	7.625e+001	7.267e+002	1.451e+002	-2.698e+002	23574	11105.5
119	2	6.264e+003	-2.333e+003	3.934e+001	7.259e+002	1.345e+002	-2.925e+002	22797.5	12363.1

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
119	3	4.819e+003	-1.795e+003	3.026e+001	5.584e+002	1.034e+002	-2.250e+002	17538	9509.87
119	4	4.819e+003	-1.795e+003	3.026e+001	5.584e+002	1.034e+002	-2.250e+002	17538	9509.87
119	5	4.819e+003	-1.795e+003	3.026e+001	5.584e+002	1.034e+002	-2.250e+002	17538	9509.87
120	1	1.085e+004	-3.122e+003	1.498e+003	1.273e+003	4.669e+002	-3.692e+002	34943.5	20391.3
120	2	1.012e+004	-3.789e+003	1.407e+003	1.264e+003	4.426e+002	-3.907e+002	34761.9	21097.5
120	3	7.782e+003	-2.914e+003	1.083e+003	9.724e+002	3.404e+002	-3.005e+002	26738.6	16230.1
120	4	7.782e+003	-2.914e+003	1.083e+003	9.724e+002	3.404e+002	-3.005e+002	26738.6	16230.1
120	5	7.782e+003	-2.914e+003	1.083e+003	9.724e+002	3.404e+002	-3.005e+002	26738.6	16230.1
121	1	5.958e+003	-3.534e+003	-1.089e+003	-7.180e+001	3.613e+000	7.721e+001	6987.76	10710.5
121	2	5.273e+003	-4.198e+003	-8.658e+002	-8.781e+001	-6.657e+001	4.042e+001	7900.78	9274.36
121	3	4.056e+003	-3.229e+003	-6.660e+002	-6.755e+001	-5.121e+001	3.109e+001	6077.17	7133.84
121	4	4.056e+003	-3.229e+003	-6.660e+002	-6.755e+001	-5.121e+001	3.109e+001	6077.17	7133.84
121	5	4.056e+003	-3.229e+003	-6.660e+002	-6.755e+001	-5.121e+001	3.109e+001	6077.17	7133.84
122	1	6.720e+003	-2.213e+003	-2.626e+002	1.637e+002	7.471e+001	-1.604e+001	10400.7	6209.33
122	2	5.211e+003	-2.598e+003	-1.802e+002	1.311e+002	4.885e+001	-5.709e+001	9031.31	5618.76
122	3	4.008e+003	-1.999e+003	-1.386e+002	1.008e+002	3.758e+001	-4.392e+001	6946.17	4323.05
122	4	4.008e+003	-1.999e+003	-1.386e+002	1.008e+002	3.758e+001	-4.392e+001	6946.17	4323.05
122	5	4.008e+003	-1.999e+003	-1.386e+002	1.008e+002	3.758e+001	-4.392e+001	6946.17	4323.05
123	1	5.849e+003	-2.183e+003	-4.733e+002	-5.437e+001	-6.115e+000	1.000e+002	6775.17	9199.41
123	2	4.479e+003	-2.607e+003	-3.233e+002	-5.600e+001	-3.115e+001	5.608e+001	5871.51	7245.96
123	3	3.446e+003	-2.005e+003	-2.487e+002	-4.308e+001	-2.396e+001	4.314e+001	4516.68	5574.22
123	4	3.446e+003	-2.005e+003	-2.487e+002	-4.308e+001	-2.396e+001	4.314e+001	4516.68	5574.22
123	5	3.446e+003	-2.005e+003	-2.487e+002	-4.308e+001	-2.396e+001	4.314e+001	4516.68	5574.22
124	1	6.770e+003	-3.716e+003	-1.263e+003	-1.396e+002	-6.160e+001	5.696e+001	7758.9	11755
124	2	6.057e+003	-4.397e+003	-1.092e+003	-1.552e+002	-1.198e+002	1.763e+001	8750.81	10594.1
124	3	4.660e+003	-3.382e+003	-8.396e+002	-1.194e+002	-9.219e+001	1.356e+001	6732.02	8149.5
124	4	4.660e+003	-3.382e+003	-8.396e+002	-1.194e+002	-9.219e+001	1.356e+001	6732.02	8149.5
124	5	4.660e+003	-3.382e+003	-8.396e+002	-1.194e+002	-9.219e+001	1.356e+001	6732.02	8149.5
125	1	3.565e+003	-3.478e+003	-4.787e+002	1.574e+000	3.868e+002	-1.573e+001	4161.23	13277.6
125	2	3.190e+003	-4.336e+003	-1.690e+002	-2.944e+001	2.310e+002	-3.445e+001	2896.66	11323.4
125	3	2.454e+003	-3.335e+003	-1.300e+002	-2.264e+001	1.777e+002	-2.650e+001	2228.24	8710.09
125	4	2.454e+003	-3.335e+003	-1.300e+002	-2.264e+001	1.777e+002	-2.650e+001	2228.24	8710.09
125	5	2.454e+003	-3.335e+003	-1.300e+002	-2.264e+001	1.777e+002	-2.650e+001	2228.24	8710.09
126	1	5.062e+003	-2.088e+003	-5.570e+002	7.057e+001	4.299e+001	6.692e+001	7283.03	6594.06
126	2	3.888e+003	-2.440e+003	-2.288e+002	5.639e+001	3.671e+000	1.786e+001	6524.33	4686.53
126	3	2.991e+003	-1.877e+003	-1.760e+002	4.338e+001	2.824e+000	1.374e+001	5019.05	3605.25
126	4	2.991e+003	-1.877e+003	-1.760e+002	4.338e+001	2.824e+000	1.374e+001	5019.05	3605.25
126	5	2.991e+003	-1.877e+003	-1.760e+002	4.338e+001	2.824e+000	1.374e+001	5019.05	3605.25
127	1	3.738e+003	-2.092e+003	-2.220e+002	-2.570e+001	1.135e+002	4.995e+000	3158.83	7460.92
127	2	3.226e+003	-2.591e+003	1.122e+001	-2.568e+001	5.639e+001	-1.779e+001	3728.13	6478.19
127	3	2.481e+003	-1.993e+003	8.630e+000	-1.975e+001	4.338e+001	-1.369e+001	2867.29	4982.7
127	4	2.481e+003	-1.993e+003	8.630e+000	-1.975e+001	4.338e+001	-1.369e+001	2867.29	4982.7
127	5	2.481e+003	-1.993e+003	8.630e+000	-1.975e+001	4.338e+001	-1.369e+001	2867.29	4982.7
128	1	4.465e+003	-3.284e+003	-6.147e+002	-1.849e+001	2.785e+002	6.473e+001	3738.54	12421.7
128	2	3.947e+003	-4.092e+003	-1.594e+002	-4.113e+001	1.538e+002	2.969e+001	3834.48	10459.4
128	3	3.036e+003	-3.148e+003	-1.226e+002	-3.164e+001	1.183e+002	2.284e+001	2949.75	8045.74
128	4	3.036e+003	-3.148e+003	-1.226e+002	-3.164e+001	1.183e+002	2.284e+001	2949.75	8045.74
128	5	3.036e+003	-3.148e+003	-1.226e+002	-3.164e+001	1.183e+002	2.284e+001	2949.75	8045.74
129	1	4.770e+003	-3.196e+003	-7.416e+002	-2.698e+001	2.191e+002	2.774e+001	3807.46	11403.5
129	2	4.209e+003	-3.921e+003	-2.812e+002	-4.879e+001	1.087e+002	-1.279e+001	4494.43	9756.56
129	3	3.237e+003	-3.016e+003	-2.163e+002	-3.753e+001	8.358e+001	-9.840e+000	3457.06	7503.69
129	4	3.237e+003	-3.016e+003	-2.163e+002	-3.753e+001	8.358e+001	-9.840e+000	3457.06	7503.69
129	5	3.237e+003	-3.016e+003	-2.163e+002	-3.753e+001	8.358e+001	-9.840e+000	3457.06	7503.69
130	1	1.671e+003	-3.413e+003	-2.268e+002	2.047e+002	4.805e+002	2.983e+001	5967.37	12013.7
130	2	1.504e+003	-4.182e+003	-2.071e+002	1.595e+002	2.980e+002	2.848e+001	4134.04	9468.66
130	3	1.157e+003	-3.217e+003	-1.593e+002	1.227e+002	2.292e+002	2.190e+001	3180.3	7283
130	4	1.157e+003	-3.217e+003	-1.593e+002	1.227e+002	2.292e+002	2.190e+001	3180.3	7283
130	5	1.157e+003	-3.217e+003	-1.593e+002	1.227e+002	2.292e+002	2.190e+001	3180.3	7283
131	1	2.793e+003	-2.081e+003	-2.385e+002	2.607e+000	1.445e+002	1.946e+001	2557.46	6835.21
131	2	2.610e+003	-2.554e+003	-1.707e+002	-1.039e+001	7.446e+001	1.309e+001	3090.63	6007.1
131	3	2.008e+003	-1.964e+003	-1.313e+002	-7.994e+000	5.728e+001	1.007e+001	2377.17	4620.62
131	4	2.008e+003	-1.964e+003	-1.313e+002	-7.994e+000	5.728e+001	1.007e+001	2377.17	4620.62
131	5	2.008e+003	-1.964e+003	-1.313e+002	-7.994e+000	5.728e+001	1.007e+001	2377.17	4620.62
132	1	2.144e+003	-2.062e+003	-1.360e+002	6.951e+001	1.438e+002	1.954e+001	3231.11	5414.66
132	2	2.054e+003	-2.521e+003	-1.227e+002	5.230e+001	7.017e+001	1.796e+001	3806.04	4583.63
132	3	1.580e+003	-1.940e+003	-9.438e+001	4.023e+001	5.398e+001	1.381e+001	2928.19	3526.64
132	4	1.580e+003	-1.940e+003	-9.438e+001	4.023e+001	5.398e+001	1.381e+001	2928.19	3526.64

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
132	5	1.580e+003	-1.940e+003	-9.438e+001	4.023e+001	5.398e+001	1.381e+001	2928.19	3526.64
133	1	2.027e+003	-3.433e+003	-3.595e+002	2.046e+002	4.799e+002	-3.046e+001	6310.18	12072.4
133	2	1.837e+003	-4.216e+003	-3.060e+002	1.607e+002	2.997e+002	-3.340e+001	4728.83	9577
133	3	1.413e+003	-3.243e+003	-2.353e+002	1.236e+002	2.305e+002	-2.570e+001	3637.38	7366.2
133	4	1.413e+003	-3.243e+003	-2.353e+002	1.236e+002	2.305e+002	-2.570e+001	3637.38	7366.2
133	5	1.413e+003	-3.243e+003	-2.353e+002	1.236e+002	2.305e+002	-2.570e+001	3637.38	7366.2
134	1	2.186e+003	-3.443e+003	-3.947e+002	2.045e+002	4.793e+002	2.960e+001	6163.94	12242
134	2	1.983e+003	-4.233e+003	-3.226e+002	1.614e+002	3.004e+002	2.554e+001	4583.76	9746.49
134	3	1.525e+003	-3.256e+003	-2.481e+002	1.242e+002	2.310e+002	1.964e+001	3526.72	7495.09
134	4	1.525e+003	-3.256e+003	-2.481e+002	1.242e+002	2.310e+002	1.964e+001	3526.72	7495.09
134	5	1.525e+003	-3.256e+003	-2.481e+002	1.242e+002	2.310e+002	1.964e+001	3526.72	7495.09
135	1	1.804e+003	-3.418e+003	2.919e+002	2.514e+001	4.372e+002	-2.653e+001	4579.43	12870.7
135	2	1.634e+003	-4.190e+003	2.652e+002	-1.919e+001	2.554e+002	-2.472e+001	1179.95	10492.3
135	3	1.257e+003	-3.223e+003	2.040e+002	-1.476e+001	1.964e+002	-1.901e+001	907.427	8069.71
135	4	1.257e+003	-3.223e+003	2.040e+002	-1.476e+001	1.964e+002	-1.901e+001	907.427	8069.71
135	5	1.257e+003	-3.223e+003	2.040e+002	-1.476e+001	1.964e+002	-1.901e+001	907.427	8069.71
136	1	1.958e+003	-2.059e+003	2.153e+001	6.951e+001	1.439e+002	-1.962e+001	3085.13	5275.17
136	2	1.883e+003	-2.515e+003	2.103e+001	5.158e+001	6.965e+001	-1.942e+001	3663.61	4446.1
136	3	1.448e+003	-1.935e+003	1.618e+001	3.967e+001	5.358e+001	-1.494e+001	2817.83	3420.32
136	4	1.448e+003	-1.935e+003	1.618e+001	3.967e+001	5.358e+001	-1.494e+001	2817.83	3420.32
136	5	1.448e+003	-1.935e+003	1.618e+001	3.967e+001	5.358e+001	-1.494e+001	2817.83	3420.32
137	1	2.277e+003	-2.065e+003	1.740e+002	3.808e+000	1.473e+002	-1.819e+001	2087.49	6445.86
137	2	2.181e+003	-2.525e+003	1.557e+002	-1.276e+001	7.405e+001	-1.604e+001	2635.9	5680.64
137	3	1.677e+003	-1.943e+003	1.198e+002	-9.816e+000	5.697e+001	-1.234e+001	2027.36	4370
137	4	1.677e+003	-1.943e+003	1.198e+002	-9.816e+000	5.697e+001	-1.234e+001	2027.36	4370
137	5	1.677e+003	-1.943e+003	1.198e+002	-9.816e+000	5.697e+001	-1.234e+001	2027.36	4370
138	1	1.551e+003	-3.407e+003	1.420e+002	2.509e+001	4.372e+002	2.720e+001	4745.75	12657.1
138	2	1.392e+003	-4.171e+003	1.346e+002	-1.995e+001	2.541e+002	2.773e+001	1512.64	10248.1
138	3	1.071e+003	-3.208e+003	1.036e+002	-1.535e+001	1.955e+002	2.133e+001	1163.99	7883.6
138	4	1.071e+003	-3.208e+003	1.036e+002	-1.535e+001	1.955e+002	2.133e+001	1163.99	7883.6
138	5	1.071e+003	-3.208e+003	1.036e+002	-1.535e+001	1.955e+002	2.133e+001	1163.99	7883.6
139	1	1.507e+003	-3.406e+003	8.904e+001	2.504e+001	4.372e+002	-2.686e+001	4667.18	12659.2
139	2	1.350e+003	-4.168e+003	8.529e+001	-2.010e+001	2.539e+002	-2.643e+001	1187.74	10246
139	3	1.038e+003	-3.206e+003	6.561e+001	-1.546e+001	1.953e+002	-2.033e+001	913.439	7880.97
139	4	1.038e+003	-3.206e+003	6.561e+001	-1.546e+001	1.953e+002	-2.033e+001	913.439	7880.97
139	5	1.038e+003	-3.206e+003	6.561e+001	-1.546e+001	1.953e+002	-2.033e+001	913.439	7880.97
140	1	3.968e+003	-3.443e+003	5.031e+002	1.701e+002	4.034e+002	1.438e+001	6563.48	11758.7
140	2	3.555e+003	-4.303e+003	1.364e+002	1.423e+002	2.560e+002	3.797e+001	6221.38	9825.8
140	3	2.735e+003	-3.310e+003	1.049e+002	1.095e+002	1.969e+002	2.921e+001	4786.97	7557.66
140	4	2.735e+003	-3.310e+003	1.049e+002	1.095e+002	1.969e+002	2.921e+001	4786.97	7557.66
140	5	2.735e+003	-3.310e+003	1.049e+002	1.095e+002	1.969e+002	2.921e+001	4786.97	7557.66
141	1	3.034e+003	-2.089e+003	2.524e+002	2.051e+000	1.425e+002	1.701e+001	2962.03	6917.86
141	2	2.817e+003	-2.565e+003	1.635e+002	-9.269e+000	7.405e+001	2.525e+001	3513.66	6141.85
141	3	2.167e+003	-1.973e+003	1.258e+002	-7.130e+000	5.696e+001	1.943e+001	2702.95	4724.49
141	4	2.167e+003	-1.973e+003	1.258e+002	-7.130e+000	5.696e+001	1.943e+001	2702.95	4724.49
141	5	2.167e+003	-1.973e+003	1.258e+002	-7.130e+000	5.696e+001	1.943e+001	2702.95	4724.49
142	1	4.044e+003	-2.073e+003	2.297e+002	2.956e+001	9.552e+001	-1.347e+001	4722.48	6492.84
142	2	3.427e+003	-2.575e+003	-5.155e+001	3.302e+001	4.275e+001	1.520e+001	5184.8	5409.55
142	3	2.636e+003	-1.981e+003	-3.965e+001	2.540e+001	3.288e+001	1.169e+001	3988.39	4161.18
142	4	2.636e+003	-1.981e+003	-3.965e+001	2.540e+001	3.288e+001	1.169e+001	3988.39	4161.18
142	5	2.636e+003	-1.981e+003	-3.965e+001	2.540e+001	3.288e+001	1.169e+001	3988.39	4161.18
143	1	3.112e+003	-3.495e+003	4.811e+002	2.002e+002	4.638e+002	-3.282e+001	6510.79	12442.9
143	2	2.821e+003	-4.329e+003	2.779e+002	1.630e+002	2.961e+002	-2.126e+001	5454.35	10075.5
143	3	2.170e+003	-3.330e+003	2.138e+002	1.254e+002	2.277e+002	-1.635e+001	4196.31	7748.89
143	4	2.170e+003	-3.330e+003	2.138e+002	1.254e+002	2.277e+002	-1.635e+001	4196.31	7748.89
143	5	2.170e+003	-3.330e+003	2.138e+002	1.254e+002	2.277e+002	-1.635e+001	4196.31	7748.89
144	1	2.863e+003	-3.484e+003	4.744e+002	2.045e+002	4.721e+002	2.970e+001	6719.95	12296.5
144	2	2.603e+003	-4.306e+003	3.144e+002	1.652e+002	3.003e+002	3.849e+001	5574.59	9973.02
144	3	2.003e+003	-3.312e+003	2.419e+002	1.271e+002	2.310e+002	2.960e+001	4289.06	7671.33
144	4	2.003e+003	-3.312e+003	2.419e+002	1.271e+002	2.310e+002	2.960e+001	4289.06	7671.33
144	5	2.003e+003	-3.312e+003	2.419e+002	1.271e+002	2.310e+002	2.960e+001	4289.06	7671.33
145	1	6.966e+003	-3.697e+003	1.317e+003	-1.419e+002	-7.222e+001	-5.723e+001	8058.53	11873.3
145	2	6.269e+003	-4.376e+003	1.150e+003	-1.576e+002	-1.313e+002	-1.793e+001	9079.42	10716.8
145	3	4.823e+003	-3.366e+003	8.847e+002	-1.213e+002	-1.010e+002	-1.379e+001	6983.56	8245.6
145	4	4.823e+003	-3.366e+003	8.847e+002	-1.213e+002	-1.010e+002	-1.379e+001	6983.56	8245.6
145	5	4.823e+003	-3.366e+003	8.847e+002	-1.213e+002	-1.010e+002	-1.379e+001	6983.56	8245.6
146	1	5.491e+003	-2.142e+003	5.287e+002	6.598e+001	1.639e+001	-9.175e+001	8178.78	7102.34

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
146	2	4.237e+003	-2.495e+003	3.126e+002	5.048e+001	-1.668e+001	-4.811e+001	7173.73	5193.36
146	3	3.259e+003	-1.919e+003	2.405e+002	3.883e+001	-1.283e+001	-3.701e+001	5517.84	3994.62
146	4	3.259e+003	-1.919e+003	2.405e+002	3.883e+001	-1.283e+001	-3.701e+001	5517.84	3994.62
146	5	3.259e+003	-1.919e+003	2.405e+002	3.883e+001	-1.283e+001	-3.701e+001	5517.84	3994.62
147	1	6.500e+003	-2.182e+003	3.668e+002	-5.150e+001	6.047e+000	-6.392e+001	6928.12	9338.19
147	2	5.067e+003	-2.599e+003	2.523e+002	-5.778e+001	-1.684e+001	-1.788e+001	5958.87	7675.27
147	3	3.897e+003	-1.999e+003	1.941e+002	-4.445e+001	-1.295e+001	-1.375e+001	4582.79	5903.34
147	4	3.897e+003	-1.999e+003	1.941e+002	-4.445e+001	-1.295e+001	-1.375e+001	4582.79	5903.34
147	5	3.897e+003	-1.999e+003	1.941e+002	-4.445e+001	-1.295e+001	-1.375e+001	4582.79	5903.34
148	1	6.137e+003	-3.511e+003	1.126e+003	-7.324e+001	-4.770e+000	-7.589e+001	7229.42	10769.2
148	2	5.466e+003	-4.173e+003	9.058e+002	-8.937e+001	-7.563e+001	-3.900e+001	8174.98	9346.17
148	3	4.204e+003	-3.210e+003	6.968e+002	-6.875e+001	-5.818e+001	-3.000e+001	6287.96	7188.85
148	4	4.204e+003	-3.210e+003	6.968e+002	-6.875e+001	-5.818e+001	-3.000e+001	6287.96	7188.85
148	5	4.204e+003	-3.210e+003	6.968e+002	-6.875e+001	-5.818e+001	-3.000e+001	6287.96	7188.85
149	1	1.108e+004	-3.251e+003	-1.421e+003	1.249e+003	4.405e+002	3.593e+002	34878.9	19653.3
149	2	1.037e+004	-3.928e+003	-1.323e+003	1.237e+003	4.140e+002	3.800e+002	34685.4	20287.4
149	3	7.975e+003	-3.021e+003	-1.018e+003	9.518e+002	3.185e+002	2.923e+002	26683.4	15608.8
149	4	7.975e+003	-3.021e+003	-1.018e+003	9.518e+002	3.185e+002	2.923e+002	26683.4	15608.8
149	5	7.975e+003	-3.021e+003	-1.018e+003	9.518e+002	3.185e+002	2.923e+002	26683.4	15608.8
150	1	7.788e+003	-2.154e+003	2.042e+002	3.887e+002	1.039e+002	1.416e+002	16397.1	6200.75
150	2	6.291e+003	-2.557e+003	2.044e+002	3.599e+002	8.296e+001	1.674e+002	15188.6	6629.07
150	3	4.840e+003	-1.967e+003	1.572e+002	2.768e+002	6.381e+001	1.288e+002	11683.9	5100.49
150	4	4.840e+003	-1.967e+003	1.572e+002	2.768e+002	6.381e+001	1.288e+002	11683.9	5100.49
150	5	4.840e+003	-1.967e+003	1.572e+002	2.768e+002	6.381e+001	1.288e+002	11683.9	5100.49
151	1	7.425e+003	-1.779e+003	2.251e+002	1.290e+003	2.089e+002	3.509e+002	34237.3	19835.3
151	2	5.930e+003	-2.211e+003	2.946e+002	1.278e+003	1.961e+002	3.740e+002	33273.6	21167.8
151	3	4.562e+003	-1.701e+003	2.266e+002	9.833e+002	1.509e+002	2.877e+002	25599.3	16285.9
151	4	4.562e+003	-1.701e+003	2.266e+002	9.833e+002	1.509e+002	2.877e+002	25599.3	16285.9
151	5	4.562e+003	-1.701e+003	2.266e+002	9.833e+002	1.509e+002	2.877e+002	25599.3	16285.9
152	1	1.094e+004	-4.144e+003	5.392e+002	5.910e+002	1.869e+002	2.437e+002	24703.8	10556.4
152	2	1.020e+004	-4.861e+003	5.843e+002	5.824e+002	1.549e+002	2.628e+002	24820.4	10876.8
152	3	7.847e+003	-3.740e+003	4.494e+002	4.480e+002	1.192e+002	2.022e+002	19093.9	8369.33
152	4	7.847e+003	-3.740e+003	4.494e+002	4.480e+002	1.192e+002	2.022e+002	19093.9	8369.33
152	5	7.847e+003	-3.740e+003	4.494e+002	4.480e+002	1.192e+002	2.022e+002	19093.9	8369.33
153	1	9.537e+002	-2.892e+003	-2.958e+003	7.018e+002	2.152e+002	4.617e+002	17831.4	23810.1
153	2	4.646e+002	-3.521e+003	-2.449e+003	6.970e+002	1.645e+002	4.261e+002	17777.4	22143.8
153	3	3.574e+002	-2.708e+003	-1.884e+003	5.362e+002	1.266e+002	3.278e+002	13675.4	17035.3
153	4	3.574e+002	-2.708e+003	-1.884e+003	5.362e+002	1.266e+002	3.278e+002	13675.4	17035.3
153	5	3.574e+002	-2.708e+003	-1.884e+003	5.362e+002	1.266e+002	3.278e+002	13675.4	17035.3
154	1	6.278e+003	-3.027e+003	-7.793e+002	2.004e+003	3.518e+002	3.387e+002	45365.5	32467.6
154	2	4.956e+003	-3.388e+003	-5.310e+002	1.935e+003	3.189e+002	3.119e+002	43073.3	31972.4
154	3	3.812e+003	-2.606e+003	-4.085e+002	1.488e+003	2.453e+002	2.399e+002	33123.9	24586.1
154	4	3.812e+003	-2.606e+003	-4.085e+002	1.488e+003	2.453e+002	2.399e+002	33123.9	24586.1
154	5	3.812e+003	-2.606e+003	-4.085e+002	1.488e+003	2.453e+002	2.399e+002	33123.9	24586.1
155	1	2.803e+003	-2.307e+003	-2.207e+003	7.332e+002	7.047e+001	3.900e+002	20227.9	20115.1
155	2	1.769e+003	-2.719e+003	-1.852e+003	7.397e+002	5.382e+001	3.471e+002	19394.8	18998.6
155	3	1.361e+003	-2.092e+003	-1.425e+003	5.690e+002	4.140e+001	2.670e+002	14919.2	14614.7
155	4	1.361e+003	-2.092e+003	-1.425e+003	5.690e+002	4.140e+001	2.670e+002	14919.2	14614.7
155	5	1.361e+003	-2.092e+003	-1.425e+003	5.690e+002	4.140e+001	2.670e+002	14919.2	14614.7
156	1	1.419e+003	-5.390e+003	-4.405e+003	1.360e+003	5.518e+002	4.073e+002	26830	31145.1
156	2	8.354e+002	-6.031e+003	-3.985e+003	1.348e+003	5.143e+002	3.717e+002	26402.4	30015.4
156	3	6.426e+002	-4.639e+003	-3.065e+003	1.037e+003	3.956e+002	2.859e+002	20311	23088.7
156	4	6.426e+002	-4.639e+003	-3.065e+003	1.037e+003	3.956e+002	2.859e+002	20311	23088.7
156	5	6.426e+002	-4.639e+003	-3.065e+003	1.037e+003	3.956e+002	2.859e+002	20311	23088.7
157	1	-4.345e+001	-3.128e+003	-4.558e+001	-3.696e+002	-5.192e+002	4.176e+002	18417.3	16135.7
157	2	-1.502e+002	-4.264e+003	4.820e+002	-3.718e+002	-6.194e+002	3.929e+002	20283.2	14796.7
157	3	-1.155e+002	-3.280e+003	3.708e+002	-2.860e+002	-4.764e+002	3.022e+002	15601	11380.7
157	4	-1.155e+002	-3.280e+003	3.708e+002	-2.860e+002	-4.764e+002	3.022e+002	15601	11380.7
157	5	-1.155e+002	-3.280e+003	3.708e+002	-2.860e+002	-4.764e+002	3.022e+002	15601	11380.7
158	1	8.808e+002	-1.395e+003	-9.580e+002	-1.107e+002	-1.648e+002	4.344e+002	13902.9	16799
158	2	2.387e+002	-1.770e+003	-4.197e+002	-1.011e+002	-1.914e+002	3.935e+002	13707.6	14405.9
158	3	1.836e+002	-1.362e+003	-3.228e+002	-7.780e+001	-1.472e+002	3.027e+002	10544.5	11081.6
158	4	1.836e+002	-1.362e+003	-3.228e+002	-7.780e+001	-1.472e+002	3.027e+002	10544.5	11081.6
158	5	1.836e+002	-1.362e+003	-3.228e+002	-7.780e+001	-1.472e+002	3.027e+002	10544.5	11081.6
159	1	3.295e+001	-1.963e+003	3.404e+001	-3.663e+002	-3.561e+002	3.626e+002	15005	13991.7
159	2	-1.773e+002	-2.615e+003	4.300e+002	-3.447e+002	-3.832e+002	3.340e+002	15205.8	12293.6
159	3	-1.364e+002	-2.011e+003	3.307e+002	-2.651e+002	-2.948e+002	2.569e+002	11695.9	9455.8

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
159	4	-1.364e+002	-2.011e+003	3.307e+002	-2.651e+002	-2.948e+002	2.569e+002	11695.9	9455.8
159	5	-1.364e+002	-2.011e+003	3.307e+002	-2.651e+002	-2.948e+002	2.569e+002	11695.9	9455.8
160	1	2.616e+001	-2.566e+003	-5.142e+002	-3.430e+002	-4.459e+002	4.603e+002	17930.1	17950.2
160	2	-1.615e+002	-3.469e+003	1.528e+002	-3.442e+002	-5.342e+002	4.300e+002	19351.5	16068.4
160	3	-1.242e+002	-2.669e+003	1.175e+002	-2.648e+002	-4.109e+002	3.308e+002	14886.6	12361.2
160	4	-1.242e+002	-2.669e+003	1.175e+002	-2.648e+002	-4.109e+002	3.308e+002	14886.6	12361.2
160	5	-1.242e+002	-2.669e+003	1.175e+002	-2.648e+002	-4.109e+002	3.308e+002	14886.6	12361.2
161	1	-2.492e+003	-1.080e+004	-3.664e+002	-2.077e+002	-8.285e+002	8.429e-001	16805	2874.5
161	2	-3.172e+003	-1.353e+004	-3.667e+002	-2.494e+002	-9.944e+002	1.731e+000	20665.1	3915.33
161	3	-2.440e+003	-1.041e+004	-2.821e+002	-1.919e+002	-7.650e+002	1.332e+000	15899	3013.5
161	4	-2.440e+003	-1.041e+004	-2.821e+002	-1.919e+002	-7.650e+002	1.332e+000	15899	3013.5
161	5	-2.440e+003	-1.041e+004	-2.821e+002	-1.919e+002	-7.650e+002	1.332e+000	15899	3013.5
162	1	-1.821e+003	-9.796e+003	-6.700e+002	-5.064e+002	-2.032e+003	-1.430e+000	26213.8	8271.18
162	2	-2.426e+003	-1.227e+004	-6.730e+002	-6.122e+002	-2.451e+003	1.563e-001	31978.8	9566.98
162	3	-1.866e+003	-9.436e+003	-5.177e+002	-4.709e+002	-1.886e+003	1.202e-001	24602.4	7367.01
162	4	-1.866e+003	-9.436e+003	-5.177e+002	-4.709e+002	-1.886e+003	1.202e-001	24602.4	7367.01
162	5	-1.866e+003	-9.436e+003	-5.177e+002	-4.709e+002	-1.886e+003	1.202e-001	24602.4	7367.01
163	1	-1.876e+003	-9.819e+003	-3.528e+002	-5.100e+002	-2.031e+003	1.965e+000	26180.3	8191.53
163	2	-2.485e+003	-1.228e+004	-3.527e+002	-6.156e+002	-2.451e+003	2.712e+000	31945.6	9514.28
163	3	-1.912e+003	-9.446e+003	-2.713e+002	-4.735e+002	-1.885e+003	2.086e+000	24569.9	7315.57
163	4	-1.912e+003	-9.446e+003	-2.713e+002	-4.735e+002	-1.885e+003	2.086e+000	24569.9	7315.57
163	5	-1.912e+003	-9.446e+003	-2.713e+002	-4.735e+002	-1.885e+003	2.086e+000	24569.9	7315.57
164	1	-2.481e+003	-1.079e+004	-5.281e+002	-2.068e+002	-8.288e+002	9.716e-001	16816.2	2939.83
164	2	-3.161e+003	-1.352e+004	-5.301e+002	-2.486e+002	-9.946e+002	2.304e+000	20672.4	3965.09
164	3	-2.431e+003	-1.040e+004	-4.078e+002	-1.912e+002	-7.651e+002	1.772e+000	15902.3	3049.96
164	4	-2.431e+003	-1.040e+004	-4.078e+002	-1.912e+002	-7.651e+002	1.772e+000	15902.3	3049.96
164	5	-2.431e+003	-1.040e+004	-4.078e+002	-1.912e+002	-7.651e+002	1.772e+000	15902.3	3049.96
165	1	-3.117e+002	-7.812e+003	-1.012e+003	-6.256e+002	-2.584e+003	1.746e+001	29475.4	14602.3
165	2	-7.445e+002	-9.781e+003	-1.006e+003	-7.854e+002	-3.208e+003	1.809e+001	36512.9	18041.1
165	3	-5.727e+002	-7.524e+003	-7.735e+002	-6.041e+002	-2.468e+003	1.391e+001	28090	13880.3
165	4	-5.727e+002	-7.524e+003	-7.735e+002	-6.041e+002	-2.468e+003	1.391e+001	28090	13880.3
165	5	-5.727e+002	-7.524e+003	-7.735e+002	-6.041e+002	-2.468e+003	1.391e+001	28090	13880.3
166	1	6.530e+002	-6.833e+003	-1.159e+003	-5.777e+002	-2.025e+003	-4.609e+001	23955.2	10598.4
166	2	3.270e+002	-8.564e+003	-1.129e+003	-7.353e+002	-2.633e+003	-4.831e+001	30622.8	14034.8
166	3	2.515e+002	-6.588e+003	-8.688e+002	-5.656e+002	-2.025e+003	-3.716e+001	23552.9	10792.6
166	4	2.515e+002	-6.588e+003	-8.688e+002	-5.656e+002	-2.025e+003	-3.716e+001	23552.9	10792.6
166	5	2.515e+002	-6.588e+003	-8.688e+002	-5.656e+002	-2.025e+003	-3.716e+001	23552.9	10792.6
167	1	2.893e+002	-6.819e+003	-8.764e+002	-4.463e+002	-2.048e+003	4.690e+001	24318.5	11095.6
167	2	-7.501e+001	-8.518e+003	-8.560e+002	-6.039e+002	-2.663e+003	4.535e+001	31024.8	14655.1
167	3	-5.770e+001	-6.552e+003	-6.584e+002	-4.645e+002	-2.049e+003	3.489e+001	23870	11278.2
167	4	-5.770e+001	-6.552e+003	-6.584e+002	-4.645e+002	-2.049e+003	3.489e+001	23870	11278.2
167	5	-5.770e+001	-6.552e+003	-6.584e+002	-4.645e+002	-2.049e+003	3.489e+001	23870	11278.2
168	1	-1.648e+002	-7.810e+003	-1.179e+003	-6.265e+002	-2.583e+003	-1.749e+001	29565.7	14531.7
168	2	-5.804e+002	-9.793e+003	-1.173e+003	-7.865e+002	-3.204e+003	-1.655e+001	36581.7	17932.4
168	3	-4.465e+002	-7.533e+003	-9.021e+002	-6.050e+002	-2.465e+003	-1.273e+001	28143.2	13797.6
168	4	-4.465e+002	-7.533e+003	-9.021e+002	-6.050e+002	-2.465e+003	-1.273e+001	28143.2	13797.6
168	5	-4.465e+002	-7.533e+003	-9.021e+002	-6.050e+002	-2.465e+003	-1.273e+001	28143.2	13797.6
169	1	-7.047e+002	-7.823e+003	-3.012e+002	-6.663e+002	-2.574e+003	1.692e+001	29109	14385
169	2	-1.171e+003	-9.747e+003	-2.979e+002	-8.252e+002	-3.205e+003	1.701e+001	36173.1	17959.4
169	3	-9.011e+002	-7.498e+003	-2.292e+002	-6.348e+002	-2.465e+003	1.308e+001	27822.1	13811.2
169	4	-9.011e+002	-7.498e+003	-2.292e+002	-6.348e+002	-2.465e+003	1.308e+001	27822.1	13811.2
169	5	-9.011e+002	-7.498e+003	-2.292e+002	-6.348e+002	-2.465e+003	1.308e+001	27822.1	13811.2
170	1	-4.382e+001	-6.807e+003	-4.988e+002	-4.454e+002	-2.049e+003	-4.776e+001	24239.8	10938.7
170	2	-4.337e+002	-8.474e+003	-4.893e+002	-6.026e+002	-2.670e+003	-4.821e+001	30958.8	14662.6
170	3	-3.336e+002	-6.518e+003	-3.763e+002	-4.635e+002	-2.054e+003	-3.708e+001	23815.6	11280.8
170	4	-3.336e+002	-6.518e+003	-3.763e+002	-4.635e+002	-2.054e+003	-3.708e+001	23815.6	11280.8
170	5	-3.336e+002	-6.518e+003	-3.763e+002	-4.635e+002	-2.054e+003	-3.708e+001	23815.6	11280.8
171	1	-1.592e+002	-6.805e+003	-2.658e+002	-5.750e+002	-2.029e+003	4.413e+001	23549.1	10681.4
171	2	-5.553e+002	-8.460e+003	-2.606e+002	-7.317e+002	-2.652e+003	4.371e+001	30304.3	14378
171	3	-4.271e+002	-6.508e+003	-2.005e+002	-5.629e+002	-2.040e+003	3.363e+001	23311.2	11059.7
171	4	-4.271e+002	-6.508e+003	-2.005e+002	-5.629e+002	-2.040e+003	3.363e+001	23311.2	11059.7
171	5	-4.271e+002	-6.508e+003	-2.005e+002	-5.629e+002	-2.040e+003	3.363e+001	23311.2	11059.7
172	1	-6.629e+002	-7.821e+003	-4.327e+002	-6.243e+002	-2.586e+003	1.744e+001	29358.1	14576.5
172	2	-1.127e+003	-9.750e+003	-4.286e+002	-7.834e+002	-3.216e+003	1.759e+001	36413.9	18139.4
172	3	-8.669e+002	-7.500e+003	-3.297e+002	-6.026e+002	-2.474e+003	1.353e+001	28012.2	13954.8
172	4	-8.669e+002	-7.500e+003	-3.297e+002	-6.026e+002	-2.474e+003	1.353e+001	28012.2	13954.8
172	5	-8.669e+002	-7.500e+003	-3.297e+002	-6.026e+002	-2.474e+003	1.353e+001	28012.2	13954.8

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
173	1	-2.417e+003	-1.071e+004	-1.065e+003	-2.079e+002	-8.282e+002	1.822e+000	16822.6	3321.15
173	2	-3.095e+003	-1.345e+004	-1.080e+003	-2.497e+002	-9.934e+002	5.188e+000	20667.9	4287.7
173	3	-2.381e+003	-1.035e+004	-8.306e+002	-1.921e+002	-7.642e+002	3.991e+000	15902.4	3301.09
173	4	-2.381e+003	-1.035e+004	-8.306e+002	-1.921e+002	-7.642e+002	3.991e+000	15902.4	3301.09
173	5	-2.381e+003	-1.035e+004	-8.306e+002	-1.921e+002	-7.642e+002	3.991e+000	15902.4	3301.09
174	1	-1.571e+003	-9.697e+003	-1.430e+003	-5.079e+002	-2.031e+003	3.569e-001	26269.3	8592.73
174	2	-2.150e+003	-1.220e+004	-1.457e+003	-6.142e+002	-2.445e+003	5.244e+000	32004.4	9802.9
174	3	-1.654e+003	-9.387e+003	-1.121e+003	-4.725e+002	-1.881e+003	4.034e+000	24623.1	7540.56
174	4	-1.654e+003	-9.387e+003	-1.121e+003	-4.725e+002	-1.881e+003	4.034e+000	24623.1	7540.56
174	5	-1.654e+003	-9.387e+003	-1.121e+003	-4.725e+002	-1.881e+003	4.034e+000	24623.1	7540.56
175	1	-6.951e+002	-8.746e+003	-1.531e+003	-6.595e+002	-2.590e+003	-4.148e+000	30304.1	13888.3
175	2	-1.167e+003	-1.101e+004	-1.552e+003	-8.041e+002	-3.148e+003	2.310e-002	37044.8	16500.9
175	3	-8.978e+002	-8.467e+003	-1.193e+003	-6.185e+002	-2.422e+003	1.777e-002	28498	12698.9
175	4	-8.978e+002	-8.467e+003	-1.193e+003	-6.185e+002	-2.422e+003	1.777e-002	28498	12698.9
175	5	-8.978e+002	-8.467e+003	-1.193e+003	-6.185e+002	-2.422e+003	1.777e-002	28498	12698.9
176	1	-8.419e+002	-8.765e+003	-1.321e+003	-6.451e+002	-2.596e+003	-4.664e+000	30344.1	13907.9
176	2	-1.335e+003	-1.101e+004	-1.333e+003	-7.895e+002	-3.157e+003	-1.449e+000	37093.4	16575.3
176	3	-1.027e+003	-8.472e+003	-1.025e+003	-6.073e+002	-2.429e+003	-1.114e+000	28541	12752.3
176	4	-1.027e+003	-8.472e+003	-1.025e+003	-6.073e+002	-2.429e+003	-1.114e+000	28541	12752.3
176	5	-1.027e+003	-8.472e+003	-1.025e+003	-6.073e+002	-2.429e+003	-1.114e+000	28541	12752.3
177	1	-1.724e+003	-9.756e+003	-1.022e+003	-5.105e+002	-2.030e+003	2.748e+000	26204.2	8384.44
177	2	-2.320e+003	-1.224e+004	-1.032e+003	-6.165e+002	-2.448e+003	5.590e+000	31965.5	9651.32
177	3	-1.785e+003	-9.418e+003	-7.939e+002	-4.742e+002	-1.883e+003	4.300e+000	24590.6	7421.14
177	4	-1.785e+003	-9.418e+003	-7.939e+002	-4.742e+002	-1.883e+003	4.300e+000	24590.6	7421.14
177	5	-1.785e+003	-9.418e+003	-7.939e+002	-4.742e+002	-1.883e+003	4.300e+000	24590.6	7421.14
178	1	-9.618e+002	-8.781e+003	-1.128e+003	-6.443e+002	-2.597e+003	6.560e+000	30297.4	13902.6
178	2	-1.470e+003	-1.102e+004	-1.135e+003	-7.883e+002	-3.161e+003	8.992e+000	37072.7	16607.3
178	3	-1.131e+003	-8.474e+003	-8.730e+002	-6.064e+002	-2.431e+003	6.917e+000	28509.5	12772.8
178	4	-1.131e+003	-8.474e+003	-8.730e+002	-6.064e+002	-2.431e+003	6.917e+000	28509.5	12772.8
178	5	-1.131e+003	-8.474e+003	-8.730e+002	-6.064e+002	-2.431e+003	6.917e+000	28509.5	12772.8
179	1	-1.059e+003	-8.794e+003	-9.502e+002	-6.565e+002	-2.593e+003	6.252e+000	30190.4	13808.9
179	2	-1.578e+003	-1.102e+004	-9.532e+002	-8.003e+002	-3.158e+003	8.097e+000	36964.1	16541.1
179	3	-1.214e+003	-8.475e+003	-7.333e+002	-6.156e+002	-2.430e+003	6.228e+000	28439.1	12732.7
179	4	-1.214e+003	-8.475e+003	-7.333e+002	-6.156e+002	-2.430e+003	6.228e+000	28439.1	12732.7
179	5	-1.214e+003	-8.475e+003	-7.333e+002	-6.156e+002	-2.430e+003	6.228e+000	28439.1	12732.7
180	1	8.660e+002	-4.644e+003	-1.800e+002	-2.927e+002	3.421e+002	7.009e+001	1891.03	10252.8
180	2	6.156e+002	-5.739e+003	-1.726e+002	-4.061e+002	-1.142e+002	6.875e+001	5957.51	8000.32
180	3	4.735e+002	-4.415e+003	-1.327e+002	-3.124e+002	-8.784e+001	5.289e+001	4583	6154.56
180	4	4.735e+002	-4.415e+003	-1.327e+002	-3.124e+002	-8.784e+001	5.289e+001	4583	6154.56
180	5	4.735e+002	-4.415e+003	-1.327e+002	-3.124e+002	-8.784e+001	5.289e+001	4583	6154.56
181	1	9.219e+002	-4.647e+003	-2.567e+002	5.455e+002	6.691e+002	9.485e+001	5519.33	9745.68
181	2	6.721e+002	-5.746e+003	-2.456e+002	4.298e+002	2.125e+002	9.287e+001	7417.24	6993.55
181	3	5.170e+002	-4.420e+003	-1.889e+002	3.306e+002	1.634e+002	7.144e+001	5705.93	5379.16
181	4	5.170e+002	-4.420e+003	-1.889e+002	3.306e+002	1.634e+002	7.144e+001	5705.93	5379.16
181	5	5.170e+002	-4.420e+003	-1.889e+002	3.306e+002	1.634e+002	7.144e+001	5705.93	5379.16
182	1	1.872e+003	-3.447e+003	-3.872e+002	7.366e+002	1.236e+003	-5.126e+001	8609.25	13256
182	2	1.696e+003	-4.255e+003	-3.451e+002	6.578e+002	9.200e+002	-5.851e+001	6996.9	11332.4
182	3	1.304e+003	-3.273e+003	-2.655e+002	5.060e+002	7.077e+002	-4.501e+001	5381.77	8717.09
182	4	1.304e+003	-3.273e+003	-2.655e+002	5.060e+002	7.077e+002	-4.501e+001	5381.77	8717.09
182	5	1.304e+003	-3.273e+003	-2.655e+002	5.060e+002	7.077e+002	-4.501e+001	5381.77	8717.09
183	1	2.043e+003	-3.458e+003	-4.327e+002	7.367e+002	1.236e+003	4.694e+001	8569.02	13384
183	2	1.864e+003	-4.275e+003	-3.765e+002	6.588e+002	9.220e+002	3.712e+001	6971.96	11461
183	3	1.434e+003	-3.288e+003	-2.896e+002	5.068e+002	7.092e+002	2.855e+001	5363.42	8815.45
183	4	1.434e+003	-3.288e+003	-2.896e+002	5.068e+002	7.092e+002	2.855e+001	5363.42	8815.45
183	5	1.434e+003	-3.288e+003	-2.896e+002	5.068e+002	7.092e+002	2.855e+001	5363.42	8815.45
184	1	1.367e+003	-3.420e+003	-1.289e+002	-2.095e+002	8.712e+002	-3.288e+001	5128.65	13566.9
184	2	1.198e+003	-4.206e+003	-1.216e+002	-2.876e+002	5.520e+002	-3.425e+001	2285.49	11824.5
184	3	9.216e+002	-3.235e+003	-9.357e+001	-2.212e+002	4.246e+002	-2.635e+001	1757.98	9095.13
184	4	9.216e+002	-3.235e+003	-9.357e+001	-2.212e+002	4.246e+002	-2.635e+001	1757.98	9095.13
184	5	9.216e+002	-3.235e+003	-9.357e+001	-2.212e+002	4.246e+002	-2.635e+001	1757.98	9095.13
185	1	1.425e+003	-3.423e+003	-1.831e+002	7.367e+002	1.236e+003	-4.991e+001	8326.01	13165.3
185	2	1.255e+003	-4.211e+003	-1.721e+002	6.560e+002	9.157e+002	-5.197e+001	6548.29	11196.1
185	3	9.652e+002	-3.239e+003	-1.324e+002	5.046e+002	7.044e+002	-3.998e+001	5036.94	8612.33
185	4	9.652e+002	-3.239e+003	-1.324e+002	5.046e+002	7.044e+002	-3.998e+001	5036.94	8612.33
185	5	9.652e+002	-3.239e+003	-1.324e+002	5.046e+002	7.044e+002	-3.998e+001	5036.94	8612.33
186	1	1.220e+003	-4.665e+003	-4.866e+002	-2.931e+002	3.428e+002	6.913e+001	1517.02	10627.4
186	2	9.753e+002	-5.783e+003	-4.564e+002	-4.059e+002	-1.091e+002	6.462e+001	5927.44	8464.94

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
186	3	7.502e+002	-4.448e+003	-3.511e+002	-3.122e+002	-8.396e+001	4.971e+001	4559.49	6510.55
186	4	7.502e+002	-4.448e+003	-3.511e+002	-3.122e+002	-8.396e+001	4.971e+001	4559.49	6510.55
186	5	7.502e+002	-4.448e+003	-3.511e+002	-3.122e+002	-8.396e+001	4.971e+001	4559.49	6510.55
187	1	-2.375e+003	-1.065e+004	1.329e+003	-2.071e+002	-8.282e+002	-2.939e+000	16832	3575.57
187	2	-3.050e+003	-1.340e+004	1.357e+003	-2.491e+002	-9.930e+002	-7.401e+000	20673.5	4519.31
187	3	-2.346e+003	-1.031e+004	1.044e+003	-1.916e+002	-7.638e+002	-5.693e+000	15904.6	3478.81
187	4	-2.346e+003	-1.031e+004	1.044e+003	-1.916e+002	-7.638e+002	-5.693e+000	15904.6	3478.81
187	5	-2.346e+003	-1.031e+004	1.044e+003	-1.916e+002	-7.638e+002	-5.693e+000	15904.6	3478.81
188	1	-1.766e+003	-9.770e+003	8.891e+002	-5.103e+002	-2.030e+003	9.744e-001	26195.1	8321.74
188	2	-2.367e+003	-1.225e+004	8.990e+002	-6.162e+002	-2.448e+003	-1.192e+000	31954.1	9597.75
188	3	-1.821e+003	-9.421e+003	6.916e+002	-4.740e+002	-1.883e+003	-9.170e-001	24577.3	7384.22
188	4	-1.821e+003	-9.421e+003	6.916e+002	-4.740e+002	-1.883e+003	-9.170e-001	24577.3	7384.22
188	5	-1.821e+003	-9.421e+003	6.916e+002	-4.740e+002	-1.883e+003	-9.170e-001	24577.3	7384.22
189	1	-1.637e+003	-9.718e+003	1.272e+003	-5.073e+002	-2.031e+003	-3.645e+000	26242.6	8525.29
189	2	-2.225e+003	-1.221e+004	1.294e+003	-6.135e+002	-2.447e+003	-7.415e+000	31989.2	9763.11
189	3	-1.712e+003	-9.396e+003	9.953e+002	-4.719e+002	-1.882e+003	-5.704e+000	24607.8	7504.13
189	4	-1.712e+003	-9.396e+003	9.953e+002	-4.719e+002	-1.882e+003	-5.704e+000	24607.8	7504.13
189	5	-1.712e+003	-9.396e+003	9.953e+002	-4.719e+002	-1.882e+003	-5.704e+000	24607.8	7504.13
190	1	-2.410e+003	-1.069e+004	1.119e+003	-2.079e+002	-8.281e+002	-2.188e+000	16814	3365.08
190	2	-3.087e+003	-1.344e+004	1.138e+003	-2.498e+002	-9.933e+002	-5.584e+000	20667.7	4332.33
190	3	-2.375e+003	-1.034e+004	8.754e+002	-1.921e+002	-7.641e+002	-4.295e+000	15899.9	3333.45
190	4	-2.375e+003	-1.034e+004	8.754e+002	-1.921e+002	-7.641e+002	-4.295e+000	15899.9	3333.45
190	5	-2.375e+003	-1.034e+004	8.754e+002	-1.921e+002	-7.641e+002	-4.295e+000	15899.9	3333.45
191	1	-6.955e+002	-7.821e+003	3.389e+002	-6.663e+002	-2.574e+003	-1.695e+001	29110.5	14389
191	2	-1.161e+003	-9.745e+003	3.387e+002	-8.252e+002	-3.205e+003	-1.703e+001	36174.7	17962.6
191	3	-8.935e+002	-7.496e+003	2.606e+002	-6.348e+002	-2.465e+003	-1.310e+001	27822.8	13814.1
191	4	-8.935e+002	-7.496e+003	2.606e+002	-6.348e+002	-2.465e+003	-1.310e+001	27822.8	13814.1
191	5	-8.935e+002	-7.496e+003	2.606e+002	-6.348e+002	-2.465e+003	-1.310e+001	27822.8	13814.1
192	1	-2.022e+002	-6.804e+003	7.267e+001	-4.452e+002	-2.050e+003	4.757e+001	24150.9	11000.5
192	2	-6.000e+002	-8.454e+003	7.332e+001	-6.022e+002	-2.673e+003	4.749e+001	30881.2	14759
192	3	-4.615e+002	-6.503e+003	5.640e+001	-4.632e+002	-2.056e+003	3.653e+001	23753.4	11351.8
192	4	-4.615e+002	-6.503e+003	5.640e+001	-4.632e+002	-2.056e+003	3.653e+001	23753.4	11351.8
192	5	-4.615e+002	-6.503e+003	5.640e+001	-4.632e+002	-2.056e+003	3.653e+001	23753.4	11351.8
193	1	-1.483e+002	-6.804e+003	2.995e+002	-5.750e+002	-2.029e+003	-4.408e+001	23550.9	10688
193	2	-5.435e+002	-8.459e+003	2.971e+002	-7.317e+002	-2.651e+003	-4.366e+001	30297.3	14373.9
193	3	-4.181e+002	-6.507e+003	2.286e+002	-5.629e+002	-2.039e+003	-3.359e+001	23303.4	11054.8
193	4	-4.181e+002	-6.507e+003	2.286e+002	-5.629e+002	-2.039e+003	-3.359e+001	23303.4	11054.8
193	5	-4.181e+002	-6.507e+003	2.286e+002	-5.629e+002	-2.039e+003	-3.359e+001	23303.4	11054.8
194	1	-7.260e+002	-7.823e+003	2.095e+002	-6.663e+002	-2.574e+003	1.687e+001	29108.3	14367.1
194	2	-1.194e+003	-9.744e+003	2.100e+002	-8.251e+002	-3.205e+003	1.674e+001	36168.3	17949.8
194	3	-9.182e+002	-7.495e+003	1.615e+002	-6.347e+002	-2.465e+003	1.288e+001	27817.9	13804.4
194	4	-9.182e+002	-7.495e+003	1.615e+002	-6.347e+002	-2.465e+003	1.288e+001	27817.9	13804.4
194	5	-9.182e+002	-7.495e+003	1.615e+002	-6.347e+002	-2.465e+003	1.288e+001	27817.9	13804.4
195	1	-2.794e+002	-7.808e+003	1.059e+003	-6.258e+002	-2.583e+003	-1.753e+001	29476.5	14602.8
195	2	-7.096e+002	-9.776e+003	1.056e+003	-7.855e+002	-3.207e+003	-1.815e+001	36513.4	18040.1
195	3	-5.458e+002	-7.520e+003	8.119e+002	-6.043e+002	-2.467e+003	-1.396e+001	28087.7	13877.4
195	4	-5.458e+002	-7.520e+003	8.119e+002	-6.043e+002	-2.467e+003	-1.396e+001	28087.7	13877.4
195	5	-5.458e+002	-7.520e+003	8.119e+002	-6.043e+002	-2.467e+003	-1.396e+001	28087.7	13877.4
196	1	6.923e+001	-6.808e+003	6.568e+002	-5.755e+002	-2.028e+003	4.458e+001	23685.6	10596.7
196	2	-3.129e+002	-8.483e+003	6.472e+002	-7.324e+002	-2.647e+003	4.526e+001	30409.3	14241.4
196	3	-2.407e+002	-6.525e+003	4.978e+002	-5.634e+002	-2.036e+003	3.482e+001	23390	10953.9
196	4	-2.407e+002	-6.525e+003	4.978e+002	-5.634e+002	-2.036e+003	3.482e+001	23390	10953.9
196	5	-2.407e+002	-6.525e+003	4.978e+002	-5.634e+002	-2.036e+003	3.482e+001	23390	10953.9
197	1	3.269e+002	-6.816e+003	9.165e+002	-4.464e+002	-2.047e+003	-4.674e+001	24322.4	11097.8
197	2	-3.433e+001	-8.515e+003	8.993e+002	-6.040e+002	-2.662e+003	-4.518e+001	31028.7	14652.9
197	3	-2.641e+001	-6.550e+003	6.918e+002	-4.646e+002	-2.048e+003	-3.476e+001	23871.1	11274.2
197	4	-2.641e+001	-6.550e+003	6.918e+002	-4.646e+002	-2.048e+003	-3.476e+001	23871.1	11274.2
197	5	-2.641e+001	-6.550e+003	6.918e+002	-4.646e+002	-2.048e+003	-3.476e+001	23871.1	11274.2
198	1	-4.049e+002	-7.810e+003	9.000e+002	-6.672e+002	-2.572e+003	-1.701e+001	29196.7	14421.9
198	2	-8.479e+002	-9.766e+003	8.971e+002	-8.266e+002	-3.199e+003	-1.747e+001	36253.5	17901.5
198	3	-6.522e+002	-7.512e+003	6.901e+002	-6.359e+002	-2.460e+003	-1.344e+001	27879.8	13763.8
198	4	-6.522e+002	-7.512e+003	6.901e+002	-6.359e+002	-2.460e+003	-1.344e+001	27879.8	13763.8
198	5	-6.522e+002	-7.512e+003	6.901e+002	-6.359e+002	-2.460e+003	-1.344e+001	27879.8	13763.8
199	1	-2.477e+003	-1.078e+004	5.745e+002	-2.068e+002	-8.287e+002	-1.150e+000	16811.1	2960.15
199	2	-3.157e+003	-1.351e+004	5.803e+002	-2.486e+002	-9.946e+002	-2.497e+000	20667.5	3979.55
199	3	-2.428e+003	-1.039e+004	4.464e+002	-1.912e+002	-7.651e+002	-1.921e+000	15896.3	3058.87
199	4	-2.428e+003	-1.039e+004	4.464e+002	-1.912e+002	-7.651e+002	-1.921e+000	15896.3	3058.87

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
199	5	-2.428e+003	-1.039e+004	4.464e+002	-1.912e+002	-7.651e+002	-1.921e+000	15896.3	3058.87
200	1	-1.888e+003	-9.824e+003	2.443e+002	-5.100e+002	-2.031e+003	1.647e+000	26179	8173.63
200	2	-2.497e+003	-1.228e+004	2.469e+002	-6.155e+002	-2.451e+003	1.203e+000	31940.5	9503.3
200	3	-1.921e+003	-9.446e+003	1.899e+002	-4.735e+002	-1.885e+003	9.251e-001	24565.8	7306.91
200	4	-1.921e+003	-9.446e+003	1.899e+002	-4.735e+002	-1.885e+003	9.251e-001	24565.8	7306.91
200	5	-1.921e+003	-9.446e+003	1.899e+002	-4.735e+002	-1.885e+003	9.251e-001	24565.8	7306.91
201	1	-1.308e+003	-8.831e+003	8.948e+001	-6.430e+002	-2.599e+003	5.722e+000	30205.3	13794.3
201	2	-1.847e+003	-1.102e+004	9.110e+001	-7.862e+002	-3.168e+003	5.609e+000	36983.8	16621.5
201	3	-1.421e+003	-8.476e+003	7.007e+001	-6.048e+002	-2.437e+003	4.315e+000	28448.7	12787.4
201	4	-1.421e+003	-8.476e+003	7.007e+001	-6.048e+002	-2.437e+003	4.315e+000	28448.7	12787.4
201	5	-1.421e+003	-8.476e+003	7.007e+001	-6.048e+002	-2.437e+003	4.315e+000	28448.7	12787.4
202	1	-1.295e+003	-8.828e+003	2.294e+002	-6.558e+002	-2.594e+003	5.608e+000	30126.9	13727
202	2	-1.834e+003	-1.102e+004	2.311e+002	-7.990e+002	-3.163e+003	5.305e+000	36908.4	16549.6
202	3	-1.411e+003	-8.475e+003	1.778e+002	-6.146e+002	-2.433e+003	4.081e+000	28388.4	12731.7
202	4	-1.411e+003	-8.475e+003	1.778e+002	-6.146e+002	-2.433e+003	4.081e+000	28388.4	12731.7
202	5	-1.411e+003	-8.475e+003	1.778e+002	-6.146e+002	-2.433e+003	4.081e+000	28388.4	12731.7
203	1	-1.846e+003	-9.804e+003	5.530e+002	-5.064e+002	-2.032e+003	-2.224e+000	26203.6	8250.32
203	2	-2.453e+003	-1.227e+004	5.578e+002	-6.120e+002	-2.452e+003	-3.358e+000	31972.3	9565.19
203	3	-1.887e+003	-9.437e+003	4.291e+002	-4.708e+002	-1.886e+003	-2.583e+000	24591.2	7357.81
203	4	-1.887e+003	-9.437e+003	4.291e+002	-4.708e+002	-1.886e+003	-2.583e+000	24591.2	7357.81
203	5	-1.887e+003	-9.437e+003	4.291e+002	-4.708e+002	-1.886e+003	-2.583e+000	24591.2	7357.81
204	1	-1.271e+003	-8.824e+003	3.717e+002	-6.558e+002	-2.594e+003	-5.893e+000	30131.3	13742.3
204	2	-1.808e+003	-1.102e+004	3.736e+002	-7.991e+002	-3.163e+003	-6.374e+000	36916.6	16557.7
204	3	-1.391e+003	-8.474e+003	2.874e+002	-6.147e+002	-2.433e+003	-4.903e+000	28393.8	12738.8
204	4	-1.391e+003	-8.474e+003	2.874e+002	-6.147e+002	-2.433e+003	-4.903e+000	28393.8	12738.8
204	5	-1.391e+003	-8.474e+003	2.874e+002	-6.147e+002	-2.433e+003	-4.903e+000	28393.8	12738.8
205	1	-1.235e+003	-8.817e+003	5.180e+002	-6.431e+002	-2.598e+003	-6.027e+000	30214.2	13818.3
205	2	-1.769e+003	-1.101e+004	5.203e+002	-7.865e+002	-3.167e+003	-6.754e+000	36995.3	16634.4
205	3	-1.361e+003	-8.473e+003	4.002e+002	-6.050e+002	-2.436e+003	-5.196e+000	28460.1	12790.8
205	4	-1.361e+003	-8.473e+003	4.002e+002	-6.050e+002	-2.436e+003	-5.196e+000	28460.1	12790.8
205	5	-1.361e+003	-8.473e+003	4.002e+002	-6.050e+002	-2.436e+003	-5.196e+000	28460.1	12790.8
206	1	1.412e+003	-4.676e+003	5.889e+002	5.452e+002	6.710e+002	-9.300e+001	5904.86	9989.22
206	2	1.176e+003	-5.803e+003	5.507e+002	4.303e+002	2.203e+002	-8.701e+001	7797.39	7293.29
206	3	9.045e+002	-4.464e+003	4.236e+002	3.310e+002	1.694e+002	-6.693e+001	5998.49	5609.82
206	4	9.045e+002	-4.464e+003	4.236e+002	3.310e+002	1.694e+002	-6.693e+001	5998.49	5609.82
206	5	9.045e+002	-4.464e+003	4.236e+002	3.310e+002	1.694e+002	-6.693e+001	5998.49	5609.82
207	1	1.257e+003	-4.665e+003	5.121e+002	-2.930e+002	3.435e+002	-6.867e+001	1485.42	10667.2
207	2	1.016e+003	-5.783e+003	4.840e+002	-4.058e+002	-1.084e+002	-6.413e+001	5923.44	8512.85
207	3	7.817e+002	-4.448e+003	3.723e+002	-3.122e+002	-8.339e+001	-4.933e+001	4556.09	6548.41
207	4	7.817e+002	-4.448e+003	3.723e+002	-3.122e+002	-8.339e+001	-4.933e+001	4556.09	6548.41
207	5	7.817e+002	-4.448e+003	3.723e+002	-3.122e+002	-8.339e+001	-4.933e+001	4556.09	6548.41
208	1	1.382e+003	-3.420e+003	1.462e+002	-2.095e+002	8.713e+002	3.312e+001	5126.02	13577.4
208	2	1.214e+003	-4.205e+003	1.404e+002	-2.875e+002	5.522e+002	3.452e+001	2285.7	11835.5
208	3	9.338e+002	-3.235e+003	1.080e+002	-2.212e+002	4.247e+002	2.655e+001	1757.85	9104.28
208	4	9.338e+002	-3.235e+003	1.080e+002	-2.212e+002	4.247e+002	2.655e+001	1757.85	9104.28
208	5	9.338e+002	-3.235e+003	1.080e+002	-2.212e+002	4.247e+002	2.655e+001	1757.85	9104.28
209	1	1.339e+003	-3.418e+003	9.132e+001	-2.096e+002	8.712e+002	-3.222e+001	5104.51	13560.3
209	2	1.171e+003	-4.202e+003	8.841e+001	-2.878e+002	5.518e+002	-3.127e+001	2209.97	11814.1
209	3	9.008e+002	-3.233e+003	6.801e+001	-2.214e+002	4.244e+002	-2.405e+001	1699.08	9088.02
209	4	9.008e+002	-3.233e+003	6.801e+001	-2.214e+002	4.244e+002	-2.405e+001	1699.08	9088.02
209	5	9.008e+002	-3.233e+003	6.801e+001	-2.214e+002	4.244e+002	-2.405e+001	1699.08	9088.02
210	1	1.919e+003	-3.448e+003	4.054e+002	7.368e+002	1.236e+003	5.202e+001	8643.38	13265.3
210	2	1.747e+003	-4.256e+003	3.648e+002	6.581e+002	9.207e+002	5.933e+001	7051.55	11347.3
210	3	1.344e+003	-3.274e+003	2.806e+002	5.062e+002	7.082e+002	4.564e+001	5424.13	8728.66
210	4	1.344e+003	-3.274e+003	2.806e+002	5.062e+002	7.082e+002	4.564e+001	5424.13	8728.66
210	5	1.344e+003	-3.274e+003	2.806e+002	5.062e+002	7.082e+002	4.564e+001	5424.13	8728.66
211	1	1.766e+003	-3.439e+003	3.570e+002	-2.095e+002	8.718e+002	3.452e+001	4977.81	13859
211	2	1.595e+003	-4.240e+003	3.275e+002	-2.862e+002	5.557e+002	4.009e+001	2159.52	12166.9
211	3	1.227e+003	-3.261e+003	2.519e+002	-2.201e+002	4.275e+002	3.083e+001	1661.28	9358.65
211	4	1.227e+003	-3.261e+003	2.519e+002	-2.201e+002	4.275e+002	3.083e+001	1661.28	9358.65
211	5	1.227e+003	-3.261e+003	2.519e+002	-2.201e+002	4.275e+002	3.083e+001	1661.28	9358.65
212	1	9.412e+002	-4.647e+003	2.807e+002	5.456e+002	6.694e+002	-9.462e+001	5528.99	9758.41
212	2	6.929e+002	-5.745e+003	2.715e+002	4.298e+002	2.127e+002	-9.262e+001	7426.37	7007.25
212	3	5.330e+002	-4.419e+003	2.089e+002	3.307e+002	1.637e+002	-7.125e+001	5712.45	5390.66
212	4	5.330e+002	-4.419e+003	2.089e+002	3.307e+002	1.637e+002	-7.125e+001	5712.45	5390.66
212	5	5.330e+002	-4.419e+003	2.089e+002	3.307e+002	1.637e+002	-7.125e+001	5712.45	5390.66
213	1	-1.102e+003	-8.734e+003	5.762e+003	-2.208e+002	-7.645e+002	-1.603e+002	16336.9	12776.6

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
213	2	-1.561e+003	-1.121e+004	6.330e+003	-2.613e+002	-9.102e+002	-2.041e+002	19626.8	14635.5
213	3	-1.201e+003	-8.627e+003	4.869e+003	-2.010e+002	-7.002e+002	-1.570e+002	15101.2	11258.4
213	4	-1.201e+003	-8.627e+003	4.869e+003	-2.010e+002	-7.002e+002	-1.570e+002	15101.2	11258.4
213	5	-1.201e+003	-8.627e+003	4.869e+003	-2.010e+002	-7.002e+002	-1.570e+002	15101.2	11258.4
214	1	-5.483e+001	-8.954e+003	4.029e+003	-5.417e+002	-1.955e+003	-6.530e+001	25800	11429.8
214	2	-3.683e+002	-1.141e+004	4.330e+003	-6.483e+002	-2.338e+003	-9.131e+001	31204.5	12795.2
214	3	-2.833e+002	-8.780e+003	3.331e+003	-4.987e+002	-1.798e+003	-7.024e+001	24002.3	9838.34
214	4	-2.833e+002	-8.780e+003	3.331e+003	-4.987e+002	-1.798e+003	-7.024e+001	24002.3	9838.34
214	5	-2.833e+002	-8.780e+003	3.331e+003	-4.987e+002	-1.798e+003	-7.024e+001	24002.3	9838.34
215	1	8.987e+002	-8.345e+003	5.374e+003	-5.436e+002	-1.852e+003	-1.243e+002	24974.5	13837.7
215	2	7.632e+002	-1.067e+004	5.871e+003	-6.450e+002	-2.212e+003	-1.616e+002	30088.6	15583
215	3	5.870e+002	-8.204e+003	4.516e+003	-4.961e+002	-1.702e+003	-1.243e+002	23145.8	11990
215	4	5.870e+002	-8.204e+003	4.516e+003	-4.961e+002	-1.702e+003	-1.243e+002	23145.8	11990
215	5	5.870e+002	-8.204e+003	4.516e+003	-4.961e+002	-1.702e+003	-1.243e+002	23145.8	11990
216	1	-1.348e+003	-9.149e+003	4.993e+003	-2.214e+002	-7.858e+002	-1.172e+002	16536.2	10785.7
216	2	-1.853e+003	-1.172e+004	5.447e+003	-2.631e+002	-9.358e+002	-1.543e+002	19952.8	12386.8
216	3	-1.425e+003	-9.013e+003	4.190e+003	-2.024e+002	-7.198e+002	-1.187e+002	15345.8	9527.99
216	4	-1.425e+003	-9.013e+003	4.190e+003	-2.024e+002	-7.198e+002	-1.187e+002	15345.8	9527.99
216	5	-1.425e+003	-9.013e+003	4.190e+003	-2.024e+002	-7.198e+002	-1.187e+002	15345.8	9527.99
217	1	8.809e+002	-7.768e+003	2.075e+003	-6.446e+002	-2.562e+003	2.200e+001	29808.9	14490.9
217	2	6.196e+002	-9.815e+003	2.098e+003	-8.057e+002	-3.160e+003	1.936e+001	36683.9	17559.8
217	3	4.766e+002	-7.550e+003	1.614e+003	-6.198e+002	-2.431e+003	1.489e+001	28220.4	13509.5
217	4	4.766e+002	-7.550e+003	1.614e+003	-6.198e+002	-2.431e+003	1.489e+001	28220.4	13509.5
217	5	4.766e+002	-7.550e+003	1.614e+003	-6.198e+002	-2.431e+003	1.489e+001	28220.4	13509.5
218	1	9.531e+002	-6.840e+003	1.362e+003	-5.797e+002	-2.021e+003	-4.013e+001	23924.8	10913.7
218	2	6.620e+002	-8.589e+003	1.331e+003	-7.374e+002	-2.624e+003	-3.697e+001	30594.5	14173.6
218	3	5.092e+002	-6.607e+003	1.024e+003	-5.673e+002	-2.018e+003	-2.844e+001	23529.9	10899
218	4	5.092e+002	-6.607e+003	1.024e+003	-5.673e+002	-2.018e+003	-2.844e+001	23529.9	10899
218	5	5.092e+002	-6.607e+003	1.024e+003	-5.673e+002	-2.018e+003	-2.844e+001	23529.9	10899
219	1	1.601e+003	-6.848e+003	1.717e+003	-4.623e+002	-2.033e+003	6.158e+001	24972.9	10759.4
219	2	1.403e+003	-8.635e+003	1.681e+003	-6.203e+002	-2.619e+003	6.628e+001	31470.4	13926.8
219	3	1.079e+003	-6.642e+003	1.293e+003	-4.771e+002	-2.015e+003	5.098e+001	24211.3	10716.5
219	4	1.079e+003	-6.642e+003	1.293e+003	-4.771e+002	-2.015e+003	5.098e+001	24211.3	10716.5
219	5	1.079e+003	-6.642e+003	1.293e+003	-4.771e+002	-2.015e+003	5.098e+001	24211.3	10716.5
220	1	5.547e+002	-7.785e+003	1.831e+003	-6.359e+002	-2.571e+003	-1.482e+001	29702.9	14630.5
220	2	2.394e+002	-9.818e+003	1.842e+003	-7.969e+002	-3.177e+003	-1.677e+001	36643.9	17780.6
220	3	1.841e+002	-7.553e+003	1.417e+003	-6.130e+002	-2.444e+003	-1.290e+001	28189.7	13678.1
220	4	1.841e+002	-7.553e+003	1.417e+003	-6.130e+002	-2.444e+003	-1.290e+001	28189.7	13678.1
220	5	1.841e+002	-7.553e+003	1.417e+003	-6.130e+002	-2.444e+003	-1.290e+001	28189.7	13678.1
221	1	3.915e+003	-7.222e+003	3.779e+003	-7.259e+002	-2.327e+003	2.852e+001	28578.5	14437.6
221	2	4.227e+003	-9.157e+003	3.971e+003	-8.742e+002	-2.839e+003	2.125e+001	34722.3	16879.6
221	3	3.251e+003	-7.044e+003	3.055e+003	-6.725e+002	-2.184e+003	1.634e+001	26710.7	12985.5
221	4	3.251e+003	-7.044e+003	3.055e+003	-6.725e+002	-2.184e+003	1.634e+001	26710.7	12985.5
221	5	3.251e+003	-7.044e+003	3.055e+003	-6.725e+002	-2.184e+003	1.634e+001	26710.7	12985.5
222	1	3.125e+003	-6.761e+003	2.372e+003	-5.068e+002	-1.984e+003	-9.256e+000	24904.8	11273.3
222	2	3.192e+003	-8.563e+003	2.357e+003	-6.605e+002	-2.525e+003	4.032e-001	31114.3	13826.4
222	3	2.456e+003	-6.587e+003	1.813e+003	-5.081e+002	-1.942e+003	3.102e-001	23931.4	10633.5
222	4	2.456e+003	-6.587e+003	1.813e+003	-5.081e+002	-1.942e+003	3.102e-001	23931.4	10633.5
222	5	2.456e+003	-6.587e+003	1.813e+003	-5.081e+002	-1.942e+003	3.102e-001	23931.4	10633.5
223	1	4.677e+003	-6.402e+003	2.888e+003	-6.339e+002	-1.861e+003	1.228e+002	24272	11248.3
223	2	5.040e+003	-8.094e+003	2.905e+003	-7.764e+002	-2.351e+003	1.363e+002	29968.8	13505.5
223	3	3.877e+003	-6.226e+003	2.235e+003	-5.973e+002	-1.809e+003	1.048e+002	23057.4	10392.4
223	4	3.877e+003	-6.226e+003	2.235e+003	-5.973e+002	-1.809e+003	1.048e+002	23057.4	10392.4
223	5	3.877e+003	-6.226e+003	2.235e+003	-5.973e+002	-1.809e+003	1.048e+002	23057.4	10392.4
224	1	3.042e+003	-7.468e+003	3.383e+003	-6.920e+002	-2.426e+003	2.525e+001	29322.9	14432.1
224	2	3.183e+003	-9.477e+003	3.531e+003	-8.472e+002	-2.964e+003	1.926e+001	35710.8	17000.4
224	3	2.449e+003	-7.290e+003	2.716e+003	-6.517e+002	-2.280e+003	1.481e+001	27470	13077.2
224	4	2.449e+003	-7.290e+003	2.716e+003	-6.517e+002	-2.280e+003	1.481e+001	27470	13077.2
224	5	2.449e+003	-7.290e+003	2.716e+003	-6.517e+002	-2.280e+003	1.481e+001	27470	13077.2
225	1	-1.906e+003	-1.002e+004	3.235e+003	-2.149e+002	-8.172e+002	-3.452e+001	16855.4	6619.92
225	2	-2.515e+003	-1.276e+004	3.440e+003	-2.574e+002	-9.757e+002	-5.444e+001	20542.6	7714.35
225	3	-1.935e+003	-9.814e+003	2.646e+003	-1.980e+002	-7.505e+002	-4.188e+001	15800.1	5933.36
225	4	-1.935e+003	-9.814e+003	2.646e+003	-1.980e+002	-7.505e+002	-4.188e+001	15800.1	5933.36
225	5	-1.935e+003	-9.814e+003	2.646e+003	-1.980e+002	-7.505e+002	-4.188e+001	15800.1	5933.36
226	1	-1.147e+003	-9.520e+003	2.300e+003	-5.147e+002	-2.021e+003	-1.196e+001	26275.1	9229.08
226	2	-1.662e+003	-1.205e+004	2.390e+003	-6.218e+002	-2.428e+003	-2.250e+001	31960.6	10381.5
226	3	-1.279e+003	-9.269e+003	1.838e+003	-4.783e+002	-1.868e+003	-1.730e+001	24587.5	7988.05

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
226	4	-1.279e+003	-9.269e+003	1.838e+003	-4.783e+002	-1.868e+003	-1.730e+001	24587.5	7988.05
226	5	-1.279e+003	-9.269e+003	1.838e+003	-4.783e+002	-1.868e+003	-1.730e+001	24587.5	7988.05
227	1	-4.724e+002	-8.710e+003	1.828e+003	-6.626e+002	-2.585e+003	-8.530e+000	30314.5	13991.7
227	2	-9.133e+002	-1.098e+004	1.866e+003	-8.076e+002	-3.139e+003	-1.393e+001	37026.9	16546.7
227	3	-7.025e+002	-8.449e+003	1.435e+003	-6.212e+002	-2.415e+003	-1.071e+001	28488.6	12728.8
227	4	-7.025e+002	-8.449e+003	1.435e+003	-6.212e+002	-2.415e+003	-1.071e+001	28488.6	12728.8
227	5	-7.025e+002	-8.449e+003	1.435e+003	-6.212e+002	-2.415e+003	-1.071e+001	28488.6	12728.8
228	1	-2.465e+002	-8.674e+003	2.094e+003	-6.546e+002	-2.584e+003	-9.894e+000	30415.5	14116.5
228	2	-6.504e+002	-1.096e+004	2.148e+003	-7.999e+002	-3.133e+003	-1.683e+001	37098.2	16605.9
228	3	-5.003e+002	-8.431e+003	1.653e+003	-6.153e+002	-2.410e+003	-1.295e+001	28537.4	12773.8
228	4	-5.003e+002	-8.431e+003	1.653e+003	-6.153e+002	-2.410e+003	-1.295e+001	28537.4	12773.8
228	5	-5.003e+002	-8.431e+003	1.653e+003	-6.153e+002	-2.410e+003	-1.295e+001	28537.4	12773.8
229	1	-7.073e+002	-9.314e+003	3.039e+003	-5.301e+002	-2.000e+003	-2.469e+001	26156.1	9953.59
229	2	-1.144e+003	-1.183e+004	3.208e+003	-6.375e+002	-2.398e+003	-4.161e+001	31740.7	11143.1
229	3	-8.797e+002	-9.104e+003	2.468e+003	-4.904e+002	-1.845e+003	-3.200e+001	24423.4	8571.54
229	4	-8.797e+002	-9.104e+003	2.468e+003	-4.904e+002	-1.845e+003	-3.200e+001	24423.4	8571.54
229	5	-8.797e+002	-9.104e+003	2.468e+003	-4.904e+002	-1.845e+003	-3.200e+001	24423.4	8571.54
230	1	2.780e+001	-8.626e+003	2.393e+003	-6.620e+002	-2.574e+003	-8.453e-001	30428.4	14138.9
230	2	-3.284e+002	-1.092e+004	2.472e+003	-8.076e+002	-3.117e+003	-9.725e+000	37063.1	16570.1
230	3	-2.526e+002	-8.400e+003	1.901e+003	-6.212e+002	-2.397e+003	-7.481e+000	28503.7	12740.3
230	4	-2.526e+002	-8.400e+003	1.901e+003	-6.212e+002	-2.397e+003	-7.481e+000	28503.7	12740.3
230	5	-2.526e+002	-8.400e+003	1.901e+003	-6.212e+002	-2.397e+003	-7.481e+000	28503.7	12740.3
231	1	3.612e+002	-8.558e+003	2.733e+003	-6.850e+002	-2.553e+003	-5.696e+000	30283.7	14192.8
231	2	6.568e+001	-1.085e+004	2.845e+003	-8.306e+002	-3.088e+003	-1.690e+001	36851.1	16559.1
231	3	5.052e+001	-8.349e+003	2.189e+003	-6.389e+002	-2.375e+003	-1.300e+001	28346.5	12732.5
231	4	5.052e+001	-8.349e+003	2.189e+003	-6.389e+002	-2.375e+003	-1.300e+001	28346.5	12732.5
231	5	5.052e+001	-8.349e+003	2.189e+003	-6.389e+002	-2.375e+003	-1.300e+001	28346.5	12732.5
232	1	5.139e+003	-4.464e+003	1.371e+003	-3.220e+002	1.791e+002	1.526e+002	6457.82	12426.2
232	2	5.287e+003	-5.607e+003	1.117e+003	-4.134e+002	-1.525e+002	2.116e+002	9501.7	11913.5
232	3	4.067e+003	-4.313e+003	8.596e+002	-3.180e+002	-1.173e+002	1.628e+002	7309.56	9164.32
232	4	4.067e+003	-4.313e+003	8.596e+002	-3.180e+002	-1.173e+002	1.628e+002	7309.56	9164.32
232	5	4.067e+003	-4.313e+003	8.596e+002	-3.180e+002	-1.173e+002	1.628e+002	7309.56	9164.32
233	1	4.542e+003	-4.617e+003	1.259e+003	4.902e+002	5.602e+002	1.492e+002	9964.38	9845.15
233	2	4.603e+003	-5.825e+003	1.020e+003	3.936e+002	2.020e+002	1.994e+002	11911.2	8344.11
233	3	3.541e+003	-4.481e+003	7.847e+002	3.028e+002	1.554e+002	1.534e+002	9163.11	6418.9
233	4	3.541e+003	-4.481e+003	7.847e+002	3.028e+002	1.554e+002	1.534e+002	9163.11	6418.9
233	5	3.541e+003	-4.481e+003	7.847e+002	3.028e+002	1.554e+002	1.534e+002	9163.11	6418.9
234	1	3.098e+003	-3.513e+003	5.939e+002	7.400e+002	1.227e+003	-4.152e+001	9192.07	13618.8
234	2	2.924e+003	-4.378e+003	4.435e+002	6.691e+002	9.307e+002	-1.392e+001	7987.05	11833
234	3	2.249e+003	-3.368e+003	3.411e+002	5.147e+002	7.159e+002	-1.071e+001	6143.75	9102.29
234	4	2.249e+003	-3.368e+003	3.411e+002	5.147e+002	7.159e+002	-1.071e+001	6143.75	9102.29
234	5	2.249e+003	-3.368e+003	3.411e+002	5.147e+002	7.159e+002	-1.071e+001	6143.75	9102.29
235	1	2.801e+003	-3.501e+003	5.645e+002	7.467e+002	1.236e+003	5.713e+001	9264.42	13488.4
235	2	2.625e+003	-4.353e+003	4.446e+002	6.734e+002	9.337e+002	7.832e+001	8005.71	11717.3
235	3	2.019e+003	-3.348e+003	3.420e+002	5.180e+002	7.183e+002	6.025e+001	6158.05	9013.41
235	4	2.019e+003	-3.348e+003	3.420e+002	5.180e+002	7.183e+002	6.025e+001	6158.05	9013.41
235	5	2.019e+003	-3.348e+003	3.420e+002	5.180e+002	7.183e+002	6.025e+001	6158.05	9013.41
236	1	5.038e+003	-3.296e+003	7.810e+002	-2.322e+002	6.438e+002	-3.018e+001	2932.13	14486.4
236	2	4.930e+003	-4.124e+003	4.625e+002	-2.831e+002	4.187e+002	5.117e+001	2887.02	13540.9
236	3	3.792e+003	-3.172e+003	3.558e+002	-2.177e+002	3.221e+002	3.936e+001	2220.84	10415.2
236	4	3.792e+003	-3.172e+003	3.558e+002	-2.177e+002	3.221e+002	3.936e+001	2220.84	10415.2
236	5	3.792e+003	-3.172e+003	3.558e+002	-2.177e+002	3.221e+002	3.936e+001	2220.84	10415.2
237	1	4.598e+003	-3.397e+003	7.111e+002	6.838e+002	1.083e+003	-4.199e+001	9631.29	12883.8
237	2	4.468e+003	-4.271e+003	4.148e+002	6.304e+002	8.372e+002	2.623e+001	9202.33	11470.7
237	3	3.437e+003	-3.285e+003	3.191e+002	4.849e+002	6.440e+002	2.018e+001	7078.53	8823.34
237	4	3.437e+003	-3.285e+003	3.191e+002	4.849e+002	6.440e+002	2.018e+001	7078.53	8823.34
237	5	3.437e+003	-3.285e+003	3.191e+002	4.849e+002	6.440e+002	2.018e+001	7078.53	8823.34
238	1	3.070e+003	-4.760e+003	1.036e+003	-3.119e+002	3.259e+002	9.363e+001	3763.47	11997
238	2	2.946e+003	-5.980e+003	8.776e+002	-4.183e+002	-8.636e+001	1.196e+002	7239.7	10468.1
238	3	2.267e+003	-4.600e+003	6.750e+002	-3.218e+002	-6.643e+001	9.200e+001	5569.12	8053.46
238	4	2.267e+003	-4.600e+003	6.750e+002	-3.218e+002	-6.643e+001	9.200e+001	5569.12	8053.46
238	5	2.267e+003	-4.600e+003	6.750e+002	-3.218e+002	-6.643e+001	9.200e+001	5569.12	8053.46
239	1	8.446e+003	-4.807e+003	1.963e+003	-5.895e+002	-7.258e+002	1.846e+002	14770.7	13094.9
239	2	9.046e+003	-5.638e+003	1.968e+003	-6.039e+002	-8.762e+002	2.457e+002	17463.1	13616
239	3	6.959e+003	-4.337e+003	1.514e+003	-4.645e+002	-6.740e+002	1.890e+002	13433.9	10474
239	4	6.959e+003	-4.337e+003	1.514e+003	-4.645e+002	-6.740e+002	1.890e+002	13433.9	10474
239	5	6.959e+003	-4.337e+003	1.514e+003	-4.645e+002	-6.740e+002	1.890e+002	13433.9	10474

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
240	1	6.569e+003	-3.260e+003	1.559e+003	-2.435e+002	2.625e+001	3.799e+000	6928.32	11342.2
240	2	6.552e+003	-3.921e+003	1.419e+003	-2.792e+002	-1.039e+002	9.255e+001	8624.84	10986.3
240	3	5.040e+003	-3.016e+003	1.091e+003	-2.148e+002	-7.991e+001	7.119e+001	6633.62	8451.15
240	4	5.040e+003	-3.016e+003	1.091e+003	-2.148e+002	-7.991e+001	7.119e+001	6633.62	8451.15
240	5	5.040e+003	-3.016e+003	1.091e+003	-2.148e+002	-7.991e+001	7.119e+001	6633.62	8451.15
241	1	8.038e+003	-3.604e+003	2.505e+003	-5.528e+002	-5.763e+002	4.048e+001	11830.3	12953.4
241	2	8.087e+003	-4.209e+003	2.447e+003	-5.715e+002	-6.583e+002	1.233e+002	13508.5	12776.1
241	3	6.221e+003	-3.238e+003	1.882e+003	-4.396e+002	-5.064e+002	9.486e+001	10391.6	9827.79
241	4	6.221e+003	-3.238e+003	1.882e+003	-4.396e+002	-5.064e+002	9.486e+001	10391.6	9827.79
241	5	6.221e+003	-3.238e+003	1.882e+003	-4.396e+002	-5.064e+002	9.486e+001	10391.6	9827.79
242	1	2.172e+004	-5.611e+003	8.323e+003	5.770e+003	2.605e+003	4.888e+002	71938.2	31933.2
242	2	2.248e+004	-6.335e+003	8.565e+003	5.811e+003	2.525e+003	4.999e+002	73591.6	31768.8
242	3	1.730e+004	-4.873e+003	6.589e+003	4.470e+003	1.942e+003	3.845e+002	56616.9	24432.4
242	4	1.730e+004	-4.873e+003	6.589e+003	4.470e+003	1.942e+003	3.845e+002	56616.9	24432.4
242	5	1.730e+004	-4.873e+003	6.589e+003	4.470e+003	1.942e+003	3.845e+002	56616.9	24432.4
243	1	1.410e+004	-4.973e+003	1.556e+003	1.373e+003	3.209e+002	4.302e+002	29631.8	9665.52
243	2	1.413e+004	-5.685e+003	1.622e+003	1.353e+003	2.563e+002	4.791e+002	30494.6	10193
243	3	1.087e+004	-4.373e+003	1.247e+003	1.041e+003	1.971e+002	3.686e+002	23460.3	7840.6
243	4	1.087e+004	-4.373e+003	1.247e+003	1.041e+003	1.971e+002	3.686e+002	23460.3	7840.6
243	5	1.087e+004	-4.373e+003	1.247e+003	1.041e+003	1.971e+002	3.686e+002	23460.3	7840.6
244	1	2.059e+004	-4.459e+003	-4.528e+003	6.415e+003	2.905e+003	1.199e+003	73025.1	45400.2
244	2	2.071e+004	-5.004e+003	-4.402e+003	6.414e+003	2.873e+003	1.219e+003	73426.6	45462.3
244	3	1.593e+004	-3.849e+003	-3.386e+003	4.934e+003	2.210e+003	9.378e+002	56482.9	34973
244	4	1.593e+004	-3.849e+003	-3.386e+003	4.934e+003	2.210e+003	9.378e+002	56482.9	34973
244	5	1.593e+004	-3.849e+003	-3.386e+003	4.934e+003	2.210e+003	9.378e+002	56482.9	34973
245	1	2.481e+003	-3.770e+003	3.541e+002	6.328e+002	-3.660e+002	1.945e+003	34926	31144.4
245	2	2.954e+003	-4.596e+003	7.703e+002	6.132e+002	-5.561e+002	1.893e+003	35860.7	29572.4
245	3	2.272e+003	-3.536e+003	5.925e+002	4.717e+002	-4.278e+002	1.456e+003	27583.1	22745.6
245	4	2.272e+003	-3.536e+003	5.925e+002	4.717e+002	-4.278e+002	1.456e+003	27583.1	22745.6
245	5	2.272e+003	-3.536e+003	5.925e+002	4.717e+002	-4.278e+002	1.456e+003	27583.1	22745.6
246	1	-3.073e+003	-2.418e+003	-1.758e+003	3.776e+003	9.415e+002	1.554e+003	37030.8	44426.2
246	2	-3.068e+003	-3.030e+003	-1.401e+003	3.771e+003	8.688e+002	1.479e+003	37006.1	43254.1
246	3	-2.360e+003	-2.331e+003	-1.078e+003	2.901e+003	6.683e+002	1.138e+003	28470.7	33277.4
246	4	-2.360e+003	-2.331e+003	-1.078e+003	2.901e+003	6.683e+002	1.138e+003	28470.7	33277.4
246	5	-2.360e+003	-2.331e+003	-1.078e+003	2.901e+003	6.683e+002	1.138e+003	28470.7	33277.4
247	1	1.428e+003	-1.950e+003	-3.574e+002	6.687e+002	-1.059e+002	1.768e+003	29657.8	29662
247	2	1.498e+003	-2.514e+003	8.871e+001	6.664e+002	-2.297e+002	1.693e+003	29701	27718.2
247	3	1.152e+003	-1.934e+003	6.824e+001	5.126e+002	-1.767e+002	1.302e+003	22842.2	21316.8
247	4	1.152e+003	-1.934e+003	6.824e+001	5.126e+002	-1.767e+002	1.302e+003	22842.2	21316.8
247	5	1.152e+003	-1.934e+003	6.824e+001	5.126e+002	-1.767e+002	1.302e+003	22842.2	21316.8
248	1	1.146e+002	-4.752e+003	-2.008e+002	-3.200e+002	-1.790e+002	1.449e+003	30777.2	26211.3
248	2	1.283e+002	-6.824e+003	-8.013e+001	-3.296e+002	-2.084e+003	1.416e+003	33881.3	25809.9
248	3	9.873e+001	-5.249e+003	-6.164e+001	-2.535e+002	-1.603e+003	1.089e+003	26059.4	19850.3
248	4	9.873e+001	-5.249e+003	-6.164e+001	-2.535e+002	-1.603e+003	1.089e+003	26059.4	19850.3
248	5	9.873e+001	-5.249e+003	-6.164e+001	-2.535e+002	-1.603e+003	1.089e+003	26059.4	19850.3
249	1	3.785e+002	-2.623e+003	-2.983e+002	-7.255e+002	-7.560e+002	1.580e+003	26554.9	26915.4
249	2	4.606e+002	-3.557e+003	1.840e+002	-7.215e+002	-9.224e+002	1.512e+003	27024	25071.4
249	3	3.543e+002	-2.736e+003	1.415e+002	-5.550e+002	-7.095e+002	1.163e+003	20786.3	19284.5
249	4	3.543e+002	-2.736e+003	1.415e+002	-5.550e+002	-7.095e+002	1.163e+003	20786.3	19284.5
249	5	3.543e+002	-2.736e+003	1.415e+002	-5.550e+002	-7.095e+002	1.163e+003	20786.3	19284.5
250	1	1.117e+002	-3.676e+003	2.027e+001	-3.656e+002	-9.666e+002	1.223e+003	22951.9	20382.8
250	2	1.491e+002	-5.168e+003	1.818e+002	-3.527e+002	-1.173e+003	1.176e+003	24433.8	19455.1
250	3	1.147e+002	-3.975e+003	1.399e+002	-2.713e+002	-9.021e+002	9.043e+002	18789.8	14960.1
250	4	1.147e+002	-3.975e+003	1.399e+002	-2.713e+002	-9.021e+002	9.043e+002	18789.8	14960.1
250	5	1.147e+002	-3.975e+003	1.399e+002	-2.713e+002	-9.021e+002	9.043e+002	18789.8	14960.1
251	1	-2.053e+003	-1.023e+004	-2.710e+003	-2.113e+002	-8.227e+002	1.913e+001	16883.4	5586.14
251	2	-2.685e+003	-1.299e+004	-2.855e+003	-2.537e+002	-9.830e+002	3.475e+001	20627.2	6598.1
251	3	-2.065e+003	-9.991e+003	-2.196e+003	-1.952e+002	-7.562e+002	2.673e+001	15866.2	5074.47
251	4	-2.065e+003	-9.991e+003	-2.196e+003	-1.952e+002	-7.562e+002	2.673e+001	15866.2	5074.47
251	5	-2.065e+003	-9.991e+003	-2.196e+003	-1.952e+002	-7.562e+002	2.673e+001	15866.2	5074.47
252	1	-4.774e+002	-9.191e+003	-3.385e+003	-5.366e+002	-1.986e+003	4.014e+001	26032.7	10446.5
252	2	-8.636e+002	-1.169e+004	-3.603e+003	-6.437e+002	-2.378e+003	6.096e+001	31553.5	11688.7
252	3	-6.643e+002	-8.994e+003	-2.771e+003	-4.952e+002	-1.829e+003	4.689e+001	24271.2	8988.07
252	4	-6.643e+002	-8.994e+003	-2.771e+003	-4.952e+002	-1.829e+003	4.689e+001	24271.2	8988.07
252	5	-6.643e+002	-8.994e+003	-2.771e+003	-4.952e+002	-1.829e+003	4.689e+001	24271.2	8988.07
253	1	-9.932e+002	-9.453e+003	-2.557e+003	-5.190e+002	-2.016e+003	1.277e+001	26266.4	9442.09
253	2	-1.477e+003	-1.198e+004	-2.674e+003	-6.262e+002	-2.419e+003	2.604e+001	31909.7	10597

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
253	3	-1.136e+003	-9.219e+003	-2.057e+003	-4.817e+002	-1.861e+003	2.003e+001	24551.6	8150.42
253	4	-1.136e+003	-9.219e+003	-2.057e+003	-4.817e+002	-1.861e+003	2.003e+001	24551.6	8150.42
253	5	-1.136e+003	-9.219e+003	-2.057e+003	-4.817e+002	-1.861e+003	2.003e+001	24551.6	8150.42
254	1	-1.934e+003	-1.006e+004	-3.129e+003	-2.146e+002	-8.183e+002	3.137e+001	16855.9	6406.98
254	2	-2.545e+003	-1.280e+004	-3.325e+003	-2.570e+002	-9.769e+002	5.104e+001	20548.4	7495.69
254	3	-1.957e+003	-9.846e+003	-2.558e+003	-1.977e+002	-7.515e+002	3.926e+001	15807	5766.29
254	4	-1.957e+003	-9.846e+003	-2.558e+003	-1.977e+002	-7.515e+002	3.926e+001	15807	5766.29
254	5	-1.957e+003	-9.846e+003	-2.558e+003	-1.977e+002	-7.515e+002	3.926e+001	15807	5766.29
255	1	3.739e+003	-7.248e+003	-3.665e+003	-7.240e+002	-2.347e+003	-2.817e+001	28671.6	14418.7
255	2	4.037e+003	-9.185e+003	-3.847e+003	-8.722e+002	-2.861e+003	-2.087e+001	34836.7	16876.6
255	3	3.105e+003	-7.066e+003	-2.959e+003	-6.709e+002	-2.201e+003	-1.605e+001	26800	12982.8
255	4	3.105e+003	-7.066e+003	-2.959e+003	-6.709e+002	-2.201e+003	-1.605e+001	26800	12982.8
255	5	3.105e+003	-7.066e+003	-2.959e+003	-6.709e+002	-2.201e+003	-1.605e+001	26800	12982.8
256	1	6.345e+003	-4.970e+003	-3.601e+003	-3.746e+002	-1.670e+003	-6.847e+001	23364.8	11501.7
256	2	7.045e+003	-6.195e+003	-3.656e+003	-4.766e+002	-2.090e+003	-8.465e+001	28240.9	13505.4
256	3	5.419e+003	-4.765e+003	-2.812e+003	-3.666e+002	-1.608e+003	-6.512e+001	21726	10390.3
256	4	5.419e+003	-4.765e+003	-2.812e+003	-3.666e+002	-1.608e+003	-6.512e+001	21726	10390.3
256	5	5.419e+003	-4.765e+003	-2.812e+003	-3.666e+002	-1.608e+003	-6.512e+001	21726	10390.3
257	1	4.493e+003	-6.416e+003	-2.801e+003	-6.324e+002	-1.879e+003	-1.181e+002	24308.4	11221.9
257	2	4.842e+003	-8.109e+003	-2.812e+003	-7.748e+002	-2.371e+003	-1.311e+002	30028.8	13509
257	3	3.725e+003	-6.238e+003	-2.163e+003	-5.960e+002	-1.823e+003	-1.009e+002	23092	10386.6
257	4	3.725e+003	-6.238e+003	-2.163e+003	-5.960e+002	-1.823e+003	-1.009e+002	23092	10386.6
257	5	3.725e+003	-6.238e+003	-2.163e+003	-5.960e+002	-1.823e+003	-1.009e+002	23092	10386.6
258	1	4.721e+003	-6.717e+003	-4.047e+003	-6.837e+002	-2.227e+003	1.539e+000	27686.2	14706.9
258	2	5.210e+003	-8.500e+003	-4.257e+003	-8.186e+002	-2.711e+003	9.979e+000	33537.5	17058.1
258	3	4.008e+003	-6.538e+003	-3.275e+003	-6.297e+002	-2.085e+003	7.676e+000	25794.4	13120.1
258	4	4.008e+003	-6.538e+003	-3.275e+003	-6.297e+002	-2.085e+003	7.676e+000	25794.4	13120.1
258	5	4.008e+003	-6.538e+003	-3.275e+003	-6.297e+002	-2.085e+003	7.676e+000	25794.4	13120.1
259	1	8.053e+002	-7.774e+003	-2.007e+003	-6.436e+002	-2.566e+003	-2.202e+001	29812.4	14500.2
259	2	5.380e+002	-9.822e+003	-2.025e+003	-8.046e+002	-3.164e+003	-1.939e+001	36689.4	17573
259	3	4.138e+002	-7.555e+003	-1.558e+003	-6.189e+002	-2.434e+003	-1.491e+001	28223.8	13519.4
259	4	4.138e+002	-7.555e+003	-1.558e+003	-6.189e+002	-2.434e+003	-1.491e+001	28223.8	13519.4
259	5	4.138e+002	-7.555e+003	-1.558e+003	-6.189e+002	-2.434e+003	-1.491e+001	28223.8	13519.4
260	1	2.408e+003	-6.819e+003	-2.071e+003	-6.202e+002	-1.995e+003	1.752e+001	24227.1	11230
260	2	2.357e+003	-8.628e+003	-2.040e+003	-7.758e+002	-2.555e+003	1.002e+001	30608.6	13916.8
260	3	1.813e+003	-6.637e+003	-1.569e+003	-5.968e+002	-1.965e+003	7.706e+000	23541.4	10702.4
260	4	1.813e+003	-6.637e+003	-1.569e+003	-5.968e+002	-1.965e+003	7.706e+000	23541.4	10702.4
260	5	1.813e+003	-6.637e+003	-1.569e+003	-5.968e+002	-1.965e+003	7.706e+000	23541.4	10702.4
261	1	1.516e+003	-6.850e+003	-1.662e+003	-4.615e+002	-2.037e+003	-6.061e+001	24962.7	10777.6
261	2	1.312e+003	-8.636e+003	-1.622e+003	-6.194e+002	-2.624e+003	-6.522e+001	31470.8	13962.3
261	3	1.009e+003	-6.643e+003	-1.248e+003	-4.765e+002	-2.018e+003	-5.017e+001	24203.8	10736.5
261	4	1.009e+003	-6.643e+003	-1.248e+003	-4.765e+002	-2.018e+003	-5.017e+001	24203.8	10736.5
261	5	1.009e+003	-6.643e+003	-1.248e+003	-4.765e+002	-2.018e+003	-5.017e+001	24203.8	10736.5
262	1	1.185e+003	-7.744e+003	-2.274e+003	-6.976e+002	-2.540e+003	-2.290e+001	29564.9	14368.9
262	2	9.859e+002	-9.801e+003	-2.309e+003	-8.583e+002	-3.128e+003	-1.956e+001	36374.1	17319.8
262	3	7.584e+002	-7.540e+003	-1.776e+003	-6.602e+002	-2.406e+003	-1.505e+001	27979.5	13321
262	4	7.584e+002	-7.540e+003	-1.776e+003	-6.602e+002	-2.406e+003	-1.505e+001	27979.5	13321
262	5	7.584e+002	-7.540e+003	-1.776e+003	-6.602e+002	-2.406e+003	-1.505e+001	27979.5	13321
263	1	-1.400e+003	-9.222e+003	-4.830e+003	-2.207e+002	-7.892e+002	1.090e+002	16556.9	10379.1
263	2	-1.908e+003	-1.180e+004	-5.270e+003	-2.623e+002	-9.394e+002	1.454e+002	19987.8	11954.4
263	3	-1.468e+003	-9.074e+003	-4.054e+003	-2.018e+002	-7.226e+002	1.118e+002	15372.6	9194.44
263	4	-1.468e+003	-9.074e+003	-4.054e+003	-2.018e+002	-7.226e+002	1.118e+002	15372.6	9194.44
263	5	-1.468e+003	-9.074e+003	-4.054e+003	-2.018e+002	-7.226e+002	1.118e+002	15372.6	9194.44
264	1	1.401e+003	-8.159e+003	-5.963e+003	-5.169e+002	-1.789e+003	1.536e+002	24676	14960.4
264	2	1.377e+003	-1.042e+004	-6.555e+003	-6.117e+002	-2.136e+003	1.953e+002	29667.6	16896.6
264	3	1.059e+003	-8.019e+003	-5.042e+003	-4.706e+002	-1.643e+003	1.502e+002	22823.7	12995
264	4	1.059e+003	-8.019e+003	-5.042e+003	-4.706e+002	-1.643e+003	1.502e+002	22823.7	12995
264	5	1.059e+003	-8.019e+003	-5.042e+003	-4.706e+002	-1.643e+003	1.502e+002	22823.7	12995
265	1	4.348e+003	-6.249e+003	-5.332e+003	-5.527e+002	-2.112e+003	9.208e+001	26785.1	16138.5
265	2	4.845e+003	-8.004e+003	-5.719e+003	-6.597e+002	-2.538e+003	1.204e+002	32148.2	18370.9
265	3	3.727e+003	-6.157e+003	-4.399e+003	-5.074e+002	-1.953e+003	9.262e+001	24735.9	14134.7
265	4	3.727e+003	-6.157e+003	-4.399e+003	-5.074e+002	-1.953e+003	9.262e+001	24735.9	14134.7
265	5	3.727e+003	-6.157e+003	-4.399e+003	-5.074e+002	-1.953e+003	9.262e+001	24735.9	14134.7
266	1	3.436e+003	-7.470e+003	-5.034e+003	-6.663e+002	-2.254e+003	8.338e+001	28280.6	15797.9
266	2	3.750e+003	-9.502e+003	-5.439e+003	-7.918e+002	-2.708e+003	1.113e+002	34067.3	18048.9
266	3	2.885e+003	-7.309e+003	-4.184e+003	-6.091e+002	-2.083e+003	8.558e+001	26204.9	13883.4
266	4	2.885e+003	-7.309e+003	-4.184e+003	-6.091e+002	-2.083e+003	8.558e+001	26204.9	13883.4

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
266	5	2.885e+003	-7.309e+003	-4.184e+003	-6.091e+002	-2.083e+003	8.558e+001	26204.9	13883.4
267	1	2.799e+002	-8.740e+003	-4.505e+003	-5.438e+002	-1.923e+003	8.358e+001	25540.6	12212.6
267	2	3.958e+001	-1.114e+004	-4.884e+003	-6.486e+002	-2.296e+003	1.146e+002	30817.3	13720.5
267	3	3.045e+001	-8.573e+003	-3.757e+003	-4.989e+002	-1.766e+003	8.814e+001	23708	10551.4
267	4	3.045e+001	-8.573e+003	-3.757e+003	-4.989e+002	-1.766e+003	8.814e+001	23708	10551.4
267	5	3.045e+001	-8.573e+003	-3.757e+003	-4.989e+002	-1.766e+003	8.814e+001	23708	10551.4
268	1	2.484e+003	-7.934e+003	-4.537e+003	-7.043e+002	-2.366e+003	5.361e+001	29132.2	15240.9
268	2	2.610e+003	-1.009e+004	-4.891e+003	-8.401e+002	-2.843e+003	7.801e+001	35159.8	17477
268	3	2.008e+003	-7.759e+003	-3.762e+003	-6.463e+002	-2.187e+003	6.001e+001	27044	13445.8
268	4	2.008e+003	-7.759e+003	-3.762e+003	-6.463e+002	-2.187e+003	6.001e+001	27044	13445.8
268	5	2.008e+003	-7.759e+003	-3.762e+003	-6.463e+002	-2.187e+003	6.001e+001	27044	13445.8
269	1	1.745e+003	-8.174e+003	-3.968e+003	-6.988e+002	-2.449e+003	3.678e+001	29700.8	14851.7
269	2	1.726e+003	-1.039e+004	-4.243e+003	-8.400e+002	-2.946e+003	5.735e+001	35915.8	17092.7
269	3	1.328e+003	-7.995e+003	-3.264e+003	-6.462e+002	-2.266e+003	4.411e+001	27628.8	13145.3
269	4	1.328e+003	-7.995e+003	-3.264e+003	-6.462e+002	-2.266e+003	4.411e+001	27628.8	13145.3
269	5	1.328e+003	-7.995e+003	-3.264e+003	-6.462e+002	-2.266e+003	4.411e+001	27628.8	13145.3
270	1	2.595e+003	-4.751e+003	-9.343e+002	5.451e+002	6.655e+002	-1.095e+002	7852.08	9974.49
270	2	2.428e+003	-5.955e+003	-8.007e+002	4.342e+002	2.410e+002	-1.297e+002	9597.23	7562.96
270	3	1.868e+003	-4.581e+003	-6.159e+002	3.340e+002	1.854e+002	-9.979e+001	7382.92	5818.16
270	4	1.868e+003	-4.581e+003	-6.159e+002	3.340e+002	1.854e+002	-9.979e+001	7382.92	5818.16
270	5	1.868e+003	-4.581e+003	-6.159e+002	3.340e+002	1.854e+002	-9.979e+001	7382.92	5818.16
271	1	2.966e+003	-4.756e+003	-1.006e+003	-3.118e+002	3.226e+002	-9.052e+001	3659.71	11879
271	2	2.834e+003	-5.977e+003	-8.453e+002	-4.182e+002	-8.994e+001	-1.162e+002	7177.3	10336.2
271	3	2.180e+003	-4.597e+003	-6.502e+002	-3.217e+002	-6.918e+001	-8.941e+001	5520.5	7950.46
271	4	2.180e+003	-4.597e+003	-6.502e+002	-3.217e+002	-6.918e+001	-8.941e+001	5520.5	7950.46
271	5	2.180e+003	-4.597e+003	-6.502e+002	-3.217e+002	-6.918e+001	-8.941e+001	5520.5	7950.46
272	1	4.883e+003	-3.295e+003	-7.641e+002	-2.331e+002	6.453e+002	3.680e+001	2821.61	14388.4
272	2	4.763e+003	-4.123e+003	-4.443e+002	-2.840e+002	4.204e+002	-4.400e+001	2651.27	13418.4
272	3	3.664e+003	-3.171e+003	-3.418e+002	-2.185e+002	3.234e+002	-3.385e+001	2039.01	10322
272	4	3.664e+003	-3.171e+003	-3.418e+002	-2.185e+002	3.234e+002	-3.385e+001	2039.01	10322
272	5	3.664e+003	-3.171e+003	-3.418e+002	-2.185e+002	3.234e+002	-3.385e+001	2039.01	10322
273	1	5.353e+003	-3.233e+003	-8.656e+002	-2.507e+002	5.065e+002	-1.759e+001	3154.07	13638.2
273	2	5.259e+003	-3.968e+003	-5.509e+002	-2.968e+002	3.090e+002	-1.100e+002	4176.43	12949.5
273	3	4.045e+003	-3.052e+003	-4.238e+002	-2.283e+002	2.377e+002	-8.461e+001	3212.18	9960.51
273	4	4.045e+003	-3.052e+003	-4.238e+002	-2.283e+002	2.377e+002	-8.461e+001	3212.18	9960.51
273	5	4.045e+003	-3.052e+003	-4.238e+002	-2.283e+002	2.377e+002	-8.461e+001	3212.18	9960.51
274	1	3.009e+003	-3.510e+003	-5.769e+002	7.389e+002	1.225e+003	4.413e+001	9119.4	13578.5
274	2	2.827e+003	-4.375e+003	-4.250e+002	6.680e+002	9.287e+002	1.674e+001	7888.3	11790
274	3	2.175e+003	-3.365e+003	-3.269e+002	5.138e+002	7.144e+002	1.288e+001	6067.86	9069.22
274	4	2.175e+003	-3.365e+003	-3.269e+002	5.138e+002	7.144e+002	1.288e+001	6067.86	9069.22
274	5	2.175e+003	-3.365e+003	-3.269e+002	5.138e+002	7.144e+002	1.288e+001	6067.86	9069.22
275	1	3.329e+003	-3.513e+003	-6.035e+002	-2.270e+002	8.408e+002	2.735e+001	3955.86	14968.1
275	2	3.151e+003	-4.391e+003	-4.169e+002	-2.920e+002	5.534e+002	-7.617e+000	1091.84	13535.1
275	3	2.424e+003	-3.378e+003	-3.207e+002	-2.246e+002	4.257e+002	-5.860e+000	839.775	10412
275	4	2.424e+003	-3.378e+003	-3.207e+002	-2.246e+002	4.257e+002	-5.860e+000	839.775	10412
275	5	2.424e+003	-3.378e+003	-3.207e+002	-2.246e+002	4.257e+002	-5.860e+000	839.775	10412
276	1	4.390e+003	-4.616e+003	-1.225e+003	4.906e+002	5.563e+002	-1.427e+002	9771.62	9730.28
276	2	4.439e+003	-5.823e+003	-9.829e+002	3.941e+002	1.977e+002	-1.925e+002	11726.6	8198.86
276	3	3.415e+003	-4.479e+003	-7.561e+002	3.032e+002	1.521e+002	-1.480e+002	9020.37	6306.55
276	4	3.415e+003	-4.479e+003	-7.561e+002	3.032e+002	1.521e+002	-1.480e+002	9020.37	6306.55
276	5	3.415e+003	-4.479e+003	-7.561e+002	3.032e+002	1.521e+002	-1.480e+002	9020.37	6306.55
277	1	5.916e+003	-4.380e+003	-2.816e+003	4.247e+002	9.249e+001	-1.990e+002	14519.8	6643.33
277	2	6.323e+003	-5.160e+003	-2.695e+003	3.760e+002	-1.398e+002	-2.666e+002	16838	5790.67
277	3	4.864e+003	-3.969e+003	-2.073e+003	2.892e+002	-1.075e+002	-2.050e+002	12951.1	4454.9
277	4	4.864e+003	-3.969e+003	-2.073e+003	2.892e+002	-1.075e+002	-2.050e+002	12951.1	4454.9
277	5	4.864e+003	-3.969e+003	-2.073e+003	2.892e+002	-1.075e+002	-2.050e+002	12951.1	4454.9
278	1	7.179e+003	-3.358e+003	-1.807e+003	-5.464e+002	-3.199e+002	-1.053e+000	8223	12867
278	2	7.176e+003	-4.046e+003	-1.698e+003	-5.787e+002	-4.263e+002	-9.296e+001	10081.4	12707
278	3	5.520e+003	-3.112e+003	-1.306e+003	-4.451e+002	-3.280e+002	-7.150e+001	7755.41	9773.58
278	4	5.520e+003	-3.112e+003	-1.306e+003	-4.451e+002	-3.280e+002	-7.150e+001	7755.41	9773.58
278	5	5.520e+003	-3.112e+003	-1.306e+003	-4.451e+002	-3.280e+002	-7.150e+001	7755.41	9773.58
279	1	5.383e+003	-3.448e+003	-1.124e+003	6.018e+002	4.950e+002	-6.191e+000	10677.7	8173.6
279	2	5.307e+003	-4.003e+003	-9.305e+002	5.715e+002	3.493e+002	-9.324e+001	11480.7	7253.07
279	3	4.082e+003	-3.079e+003	-7.157e+002	4.396e+002	2.687e+002	-7.172e+001	8830.65	5579.05
279	4	4.082e+003	-3.079e+003	-7.157e+002	4.396e+002	2.687e+002	-7.172e+001	8830.65	5579.05
279	5	4.082e+003	-3.079e+003	-7.157e+002	4.396e+002	2.687e+002	-7.172e+001	8830.65	5579.05
280	1	1.336e+004	-4.918e+003	-2.160e+003	-1.362e+001	-4.333e+002	-3.644e+001	19832.8	14286.8

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
280	2	1.393e+004	-5.775e+003	-2.260e+003	-2.374e+001	-5.632e+002	-8.374e+001	22123.7	14631.2
280	3	1.071e+004	-4.442e+003	-1.739e+003	-1.826e+001	-4.332e+002	-6.441e+001	17013.3	11249.6
280	4	1.071e+004	-4.442e+003	-1.739e+003	-1.826e+001	-4.332e+002	-6.441e+001	17013.3	11249.6
280	5	1.071e+004	-4.442e+003	-1.739e+003	-1.826e+001	-4.332e+002	-6.441e+001	17013.3	11249.6
281	1	1.613e+004	-5.940e+003	-2.395e+001	3.358e+003	1.451e+003	-7.642e+002	45997	21691.9
281	2	1.620e+004	-6.630e+003	-1.154e+002	3.347e+003	1.407e+003	-8.136e+002	46630.8	22174
281	3	1.246e+004	-5.100e+003	-8.880e+001	2.575e+003	1.082e+003	-6.258e+002	35872.7	17056.1
281	4	1.246e+004	-5.100e+003	-8.880e+001	2.575e+003	1.082e+003	-6.258e+002	35872.7	17056.1
281	5	1.246e+004	-5.100e+003	-8.880e+001	2.575e+003	1.082e+003	-6.258e+002	35872.7	17056.1
282	1	1.272e+004	-3.774e+003	-2.524e+003	8.446e+001	-2.900e+002	-2.455e+002	19552.8	12495.2
282	2	1.266e+004	-4.405e+003	-2.532e+003	7.044e+001	-3.587e+002	-3.025e+002	20680.6	12564.2
282	3	9.738e+003	-3.389e+003	-1.947e+003	5.419e+001	-2.759e+002	-2.327e+002	15907.5	9664.77
282	4	9.738e+003	-3.389e+003	-1.947e+003	5.419e+001	-2.759e+002	-2.327e+002	15907.5	9664.77
282	5	9.738e+003	-3.389e+003	-1.947e+003	5.419e+001	-2.759e+002	-2.327e+002	15907.5	9664.77
283	1	-7.767e+003	-8.210e+003	-1.016e+004	6.176e+003	1.701e+003	-1.263e+003	60310.7	57601
283	2	-7.352e+003	-8.932e+003	-1.061e+004	6.233e+003	1.609e+003	-1.235e+003	61724.6	57684.4
283	3	-5.656e+003	-6.870e+003	-8.158e+003	4.795e+003	1.237e+003	-9.498e+002	47478.7	44377.8
283	4	-5.656e+003	-6.870e+003	-8.158e+003	4.795e+003	1.237e+003	-9.498e+002	47478.7	44377.8
283	5	-5.656e+003	-6.870e+003	-8.158e+003	4.795e+003	1.237e+003	-9.498e+002	47478.7	44377.8
284	1	-7.712e+002	-2.389e+003	4.434e+002	1.905e+003	3.695e+002	-1.728e+003	31931.2	33216.2
284	2	-7.691e+002	-3.013e+003	1.907e+001	1.900e+003	2.716e+002	-1.651e+003	31868.4	31517.8
284	3	-5.916e+002	-2.318e+003	1.467e+001	1.461e+003	2.089e+002	-1.270e+003	24511.6	24241.9
284	4	-5.916e+002	-2.318e+003	1.467e+001	1.461e+003	2.089e+002	-1.270e+003	24511.6	24241.9
284	5	-5.916e+002	-2.318e+003	1.467e+001	1.461e+003	2.089e+002	-1.270e+003	24511.6	24241.9
285	1	-9.460e+003	-6.628e+003	5.703e+003	6.804e+003	1.641e+003	-1.431e+003	52257.9	73033.9
285	2	-9.635e+003	-7.173e+003	5.470e+003	6.816e+003	1.598e+003	-1.389e+003	52469.4	72766.4
285	3	-7.411e+003	-5.517e+003	4.208e+003	5.243e+003	1.230e+003	-1.069e+003	40360	55975.8
285	4	-7.411e+003	-5.517e+003	4.208e+003	5.243e+003	1.230e+003	-1.069e+003	40360	55975.8
285	5	-7.411e+003	-5.517e+003	4.208e+003	5.243e+003	1.230e+003	-1.069e+003	40360	55975.8
286	1	1.398e+003	-3.693e+003	-4.834e+001	-1.939e+002	-8.624e+002	-1.887e+003	32832.4	30810
286	2	1.704e+003	-4.638e+003	-5.189e+002	-2.196e+002	-1.079e+003	-1.837e+003	34011.3	29334.6
286	3	1.311e+003	-3.567e+003	-3.992e+002	-1.689e+002	-8.298e+002	-1.413e+003	26160.5	22563.6
286	4	1.311e+003	-3.567e+003	-3.992e+002	-1.689e+002	-8.298e+002	-1.413e+003	26160.5	22563.6
286	5	1.311e+003	-3.567e+003	-3.992e+002	-1.689e+002	-8.298e+002	-1.413e+003	26160.5	22563.6
287	1	1.551e+002	-3.170e+003	-4.466e+001	-7.987e+002	-9.187e+002	-1.416e+003	25267.4	23907.8
287	2	2.091e+002	-4.361e+003	-4.421e+002	-7.907e+002	-1.107e+003	-1.363e+003	26216.1	22471.5
287	3	1.608e+002	-3.354e+003	-3.401e+002	-6.082e+002	-8.514e+002	-1.048e+003	20158.9	17278.5
287	4	1.608e+002	-3.354e+003	-3.401e+002	-6.082e+002	-8.514e+002	-1.048e+003	20158.9	17278.5
287	5	1.608e+002	-3.354e+003	-3.401e+002	-6.082e+002	-8.514e+002	-1.048e+003	20158.9	17278.5
288	1	-2.685e+002	-2.219e+003	2.120e+001	-2.307e+002	-4.949e+002	-1.729e+003	28678.4	28198.5
288	2	-2.033e+002	-2.872e+003	-4.864e+002	-2.336e+002	-6.366e+002	-1.655e+003	28825.6	26172.8
288	3	-1.564e+002	-2.209e+003	-3.742e+002	-1.797e+002	-4.897e+002	-1.273e+003	22172.3	20131.6
288	4	-1.564e+002	-2.209e+003	-3.742e+002	-1.797e+002	-4.897e+002	-1.273e+003	22172.3	20131.6
288	5	-1.564e+002	-2.209e+003	-3.742e+002	-1.797e+002	-4.897e+002	-1.273e+003	22172.3	20131.6
289	1	-4.445e+002	-1.989e+003	1.201e+003	-1.386e+002	-2.931e+002	-5.000e+002	16555.5	19544.3
289	2	-7.305e+002	-2.608e+003	4.924e+002	-1.451e+002	-3.690e+002	-4.663e+002	17486.4	17360
289	3	-5.619e+002	-2.006e+003	3.788e+002	-1.116e+002	-2.838e+002	-3.587e+002	13450.8	13354
289	4	-5.619e+002	-2.006e+003	3.788e+002	-1.116e+002	-2.838e+002	-3.587e+002	13450.8	13354
289	5	-5.619e+002	-2.006e+003	3.788e+002	-1.116e+002	-2.838e+002	-3.587e+002	13450.8	13354
290	1	-2.400e+001	-1.993e+003	-8.229e+001	-3.711e+002	-3.569e+002	-3.650e+002	15188	14002.3
290	2	-2.388e+002	-2.647e+003	-4.821e+002	-3.499e+002	-3.841e+002	-3.366e+002	15393.3	12305.1
290	3	-1.837e+002	-2.036e+003	-3.709e+002	-2.691e+002	-2.955e+002	-2.589e+002	11840.5	9464.43
290	4	-1.837e+002	-2.036e+003	-3.709e+002	-2.691e+002	-2.955e+002	-2.589e+002	11840.5	9464.43
290	5	-1.837e+002	-2.036e+003	-3.709e+002	-2.691e+002	-2.955e+002	-2.589e+002	11840.5	9464.43
291	1	3.381e+000	-7.281e+002	-4.599e+001	-1.787e+002	-1.719e+002	-2.133e+002	8359.38	7924.68
291	2	-3.363e+001	-9.242e+002	-8.769e+001	-1.594e+002	-1.663e+002	-1.945e+002	7826.25	7115.99
291	3	-2.587e+001	-7.109e+002	-6.745e+001	-1.226e+002	-1.279e+002	-1.497e+002	6022.52	5476.38
291	4	-2.587e+001	-7.109e+002	-6.745e+001	-1.226e+002	-1.279e+002	-1.497e+002	6022.52	5476.38
291	5	-2.587e+001	-7.109e+002	-6.745e+001	-1.226e+002	-1.279e+002	-1.497e+002	6022.52	5476.38
292	1	-7.849e+001	-6.877e+002	-6.523e+001	-3.881e+002	-1.296e+002	-3.057e+002	12587	12457.5
292	2	-3.131e+002	-8.883e+002	-2.229e+002	-3.500e+002	-1.262e+002	-2.787e+002	11779.3	10967.1
292	3	-2.409e+002	-6.833e+002	-1.715e+002	-2.693e+002	-9.711e+001	-2.144e+002	9062.13	8437.21
292	4	-2.409e+002	-6.833e+002	-1.715e+002	-2.693e+002	-9.711e+001	-2.144e+002	9062.13	8437.21
292	5	-2.409e+002	-6.833e+002	-1.715e+002	-2.693e+002	-9.711e+001	-2.144e+002	9062.13	8437.21
293	1	6.849e+002	-1.383e+003	8.889e+002	-1.215e+002	-1.653e+002	-4.361e+002	14048.7	16741.3
293	2	2.697e+001	-1.757e+003	3.450e+002	-1.128e+002	-1.919e+002	-3.954e+002	13863	14345.7
293	3	2.074e+001	-1.352e+003	2.654e+002	-8.679e+001	-1.476e+002	-3.041e+002	10662.1	11033.3

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
293	4	2.074e+001	-1.352e+003	2.654e+002	-8.679e+001	-1.476e+002	-3.041e+002	10662.1	11033.3
293	5	2.074e+001	-1.352e+003	2.654e+002	-8.679e+001	-1.476e+002	-3.041e+002	10662.1	11033.3
294	1	-8.949e+001	-6.608e+002	-1.741e+001	-3.628e+002	-9.523e+001	-3.822e+002	14635.7	14659.5
294	2	-6.837e+002	-8.246e+002	-2.430e+002	-3.246e+002	-9.314e+001	-3.452e+002	13770.8	12614
294	3	-5.260e+002	-6.343e+002	-1.869e+002	-2.497e+002	-7.164e+001	-2.656e+002	10594.9	9705.06
294	4	-5.260e+002	-6.343e+002	-1.869e+002	-2.497e+002	-7.164e+001	-2.656e+002	10594.9	9705.06
294	5	-5.260e+002	-6.343e+002	-1.869e+002	-2.497e+002	-7.164e+001	-2.656e+002	10594.9	9705.06
295	1	1.512e+002	-6.256e+002	1.020e+002	-1.104e+002	-5.581e+001	-4.355e+002	14906.9	15288.8
295	2	-8.545e+002	-7.481e+002	-1.066e+002	-9.274e+001	-5.587e+001	-3.914e+002	13838.7	13289.9
295	3	-6.573e+002	-5.755e+002	-8.196e+001	-7.134e+001	-4.297e+001	-3.011e+002	10645.8	10223.8
295	4	-6.573e+002	-5.755e+002	-8.196e+001	-7.134e+001	-4.297e+001	-3.011e+002	10645.8	10223.8
295	5	-6.573e+002	-5.755e+002	-8.196e+001	-7.134e+001	-4.297e+001	-3.011e+002	10645.8	10223.8
296	1	5.046e+003	-6.189e+003	2.853e+003	2.208e+003	9.811e+002	-4.121e+002	44702.8	39118.5
296	2	4.387e+003	-6.750e+003	2.526e+003	2.178e+003	9.546e+002	-3.905e+002	43759.5	38545.5
296	3	3.375e+003	-5.192e+003	1.943e+003	1.676e+003	7.343e+002	-3.004e+002	33673.2	29658.4
296	4	3.375e+003	-5.192e+003	1.943e+003	1.676e+003	7.343e+002	-3.004e+002	33673.2	29658.4
296	5	3.375e+003	-5.192e+003	1.943e+003	1.676e+003	7.343e+002	-3.004e+002	33673.2	29658.4
297	1	2.516e+003	-2.292e+003	2.202e+003	7.393e+002	7.590e+001	-3.885e+002	20003.8	20257.1
297	2	1.458e+003	-2.703e+003	1.846e+003	7.463e+002	5.969e+001	-3.454e+002	19145.9	19189.2
297	3	1.122e+003	-2.080e+003	1.420e+003	5.740e+002	4.591e+001	-2.657e+002	14727.2	14759.9
297	4	1.122e+003	-2.080e+003	1.420e+003	5.740e+002	4.591e+001	-2.657e+002	14727.2	14759.9
297	5	1.122e+003	-2.080e+003	1.420e+003	5.740e+002	4.591e+001	-2.657e+002	14727.2	14759.9
298	1	2.594e+003	-4.132e+002	5.287e+002	2.776e+002	-2.875e+001	-4.455e+002	16780.8	16494.7
298	2	1.116e+003	-5.503e+002	3.773e+002	2.874e+002	-2.667e+001	-4.055e+002	15207.7	15284.7
298	3	8.586e+002	-4.233e+002	2.902e+002	2.211e+002	-2.052e+001	-3.119e+002	11697.9	11756.8
298	4	8.586e+002	-4.233e+002	2.902e+002	2.211e+002	-2.052e+001	-3.119e+002	11697.9	11756.8
298	5	8.586e+002	-4.233e+002	2.902e+002	2.211e+002	-2.052e+001	-3.119e+002	11697.9	11756.8
299	1	3.791e+003	-7.896e+002	6.829e+002	7.672e+002	1.065e+001	-4.305e+002	23617.5	19371.3
299	2	2.062e+003	-9.337e+002	5.535e+002	7.812e+002	1.244e+001	-3.859e+002	21726.4	19185.4
299	3	1.586e+003	-7.182e+002	4.258e+002	6.009e+002	9.567e+000	-2.968e+002	16711.2	14756.7
299	4	1.586e+003	-7.182e+002	4.258e+002	6.009e+002	9.567e+000	-2.968e+002	16711.2	14756.7
299	5	1.586e+003	-7.182e+002	4.258e+002	6.009e+002	9.567e+000	-2.968e+002	16711.2	14756.7
300	1	6.009e+003	-3.064e+003	7.502e+002	2.022e+003	3.564e+002	-3.395e+002	45445.9	32981.8
300	2	4.665e+003	-3.428e+003	4.995e+002	1.955e+003	3.239e+002	-3.126e+002	43168.3	32546.4
300	3	3.589e+003	-2.637e+003	3.842e+002	1.503e+003	2.491e+002	-2.405e+002	33191.4	25020.8
300	4	3.589e+003	-2.637e+003	3.842e+002	1.503e+003	2.491e+002	-2.405e+002	33191.4	25020.8
300	5	3.589e+003	-2.637e+003	3.842e+002	1.503e+003	2.491e+002	-2.405e+002	33191.4	25020.8
301	1	4.714e+003	-1.132e+003	1.867e+002	1.355e+003	5.202e+001	-4.032e+002	34411.1	25471.9
301	2	2.768e+003	-1.274e+003	7.049e+001	1.337e+003	4.948e+001	-3.575e+002	31847.2	25874.4
301	3	2.129e+003	-9.802e+002	5.422e+001	1.028e+003	3.806e+001	-2.750e+002	24489.3	19895.5
301	4	2.129e+003	-9.802e+002	5.422e+001	1.028e+003	3.806e+001	-2.750e+002	24489.3	19895.5
301	5	2.129e+003	-9.802e+002	5.422e+001	1.028e+003	3.806e+001	-2.750e+002	24489.3	19895.5
302	1	4.909e+003	-9.666e+002	-6.512e+002	1.957e+003	1.035e+002	-3.834e+002	45498.1	34662.7
302	2	2.783e+003	-1.094e+003	-7.352e+002	1.855e+003	9.234e+001	-3.485e+002	41389.6	34354.6
302	3	2.141e+003	-8.417e+002	-5.656e+002	1.427e+003	7.103e+001	-2.681e+002	31840.2	26428
302	4	2.141e+003	-8.417e+002	-5.656e+002	1.427e+003	7.103e+001	-2.681e+002	31840.2	26428
302	5	2.141e+003	-8.417e+002	-5.656e+002	1.427e+003	7.103e+001	-2.681e+002	31840.2	26428
303	1	9.121e+003	-3.686e+003	-9.922e+002	1.987e+002	1.371e+001	-1.341e+002	16336.6	8446.33
303	2	8.365e+003	-4.319e+003	-9.635e+002	1.792e+002	-2.553e+001	-1.563e+002	16504.9	8349.56
303	3	6.435e+003	-3.322e+003	-7.411e+002	1.378e+002	-1.964e+001	-1.202e+002	12694.9	6423.11
303	4	6.435e+003	-3.322e+003	-7.411e+002	1.378e+002	-1.964e+001	-1.202e+002	12694.9	6423.11
303	5	6.435e+003	-3.322e+003	-7.411e+002	1.378e+002	-1.964e+001	-1.202e+002	12694.9	6423.11
304	1	7.162e+003	-1.722e+003	-2.314e+002	1.313e+003	2.183e+002	-3.589e+002	34421.6	20522.1
304	2	5.646e+003	-2.150e+003	-3.014e+002	1.303e+003	2.063e+002	-3.827e+002	33483.4	21915.1
304	3	4.343e+003	-1.654e+003	-2.318e+002	1.002e+003	1.587e+002	-2.944e+002	25751	16853.4
304	4	4.343e+003	-1.654e+003	-2.318e+002	1.002e+003	1.587e+002	-2.944e+002	25751	16853.4
304	5	4.343e+003	-1.654e+003	-2.318e+002	1.002e+003	1.587e+002	-2.944e+002	25751	16853.4
305	1	6.682e+003	-4.225e+002	-4.065e+002	1.948e+003	8.329e+001	-3.079e+002	46119.1	32506.7
305	2	4.369e+003	-5.608e+002	-4.499e+002	1.853e+003	7.569e+001	-3.246e+002	42374.9	33073
305	3	3.361e+003	-4.314e+002	-3.461e+002	1.426e+003	5.823e+001	-2.497e+002	32608	25452.2
305	4	3.361e+003	-4.314e+002	-3.461e+002	1.426e+003	5.823e+001	-2.497e+002	32608	25452.2
305	5	3.361e+003	-4.314e+002	-3.461e+002	1.426e+003	5.823e+001	-2.497e+002	32608	25452.2
306	1	6.172e+003	-6.678e+002	-2.490e+002	1.341e+003	5.726e+001	-2.730e+002	33985.6	21533.9
306	2	3.791e+003	-8.154e+002	-2.712e+002	1.328e+003	5.723e+001	-2.986e+002	31835	23751.1
306	3	2.916e+003	-6.272e+002	-2.086e+002	1.021e+003	4.402e+001	-2.297e+002	24478.3	18260.7
306	4	2.916e+003	-6.272e+002	-2.086e+002	1.021e+003	4.402e+001	-2.297e+002	24478.3	18260.7
306	5	2.916e+003	-6.272e+002	-2.086e+002	1.021e+003	4.402e+001	-2.297e+002	24478.3	18260.7

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
307	1	7.607e+003	-2.163e+003	-1.466e+002	3.966e+002	1.113e+002	-1.453e+002	16317.4	6362.59
307	2	6.095e+003	-2.567e+003	-1.421e+002	3.685e+002	9.101e+001	-1.714e+002	15102.8	6864.17
307	3	4.689e+003	-1.975e+003	-1.093e+002	2.834e+002	7.001e+001	-1.319e+002	11617.8	5282.15
307	4	4.689e+003	-1.975e+003	-1.093e+002	2.834e+002	7.001e+001	-1.319e+002	11617.8	5282.15
307	5	4.689e+003	-1.975e+003	-1.093e+002	2.834e+002	7.001e+001	-1.319e+002	11617.8	5282.15
308	1	5.907e+003	-6.070e+002	-6.236e+001	8.187e+002	4.755e+001	-2.038e+002	23100.8	11859.6
308	2	3.483e+003	-7.602e+002	-8.489e+001	8.210e+002	4.940e+001	-2.271e+002	21204.7	14255.7
308	3	2.680e+003	-5.848e+002	-6.530e+001	6.315e+002	3.800e+001	-1.747e+002	16311.4	10964.7
308	4	2.680e+003	-5.848e+002	-6.530e+001	6.315e+002	3.800e+001	-1.747e+002	16311.4	10964.7
308	5	2.680e+003	-5.848e+002	-6.530e+001	6.315e+002	3.800e+001	-1.747e+002	16311.4	10964.7
309	1	5.924e+003	-6.801e+002	4.694e+001	5.285e+002	5.092e+001	-1.136e+002	16687.6	5639.63
309	2	3.471e+003	-8.300e+002	2.519e+001	4.912e+002	4.886e+001	-1.369e+002	13946.2	7336.26
309	3	2.670e+003	-6.384e+002	1.938e+001	3.779e+002	3.759e+001	-1.053e+002	10728.7	5643.88
309	4	2.670e+003	-6.384e+002	1.938e+001	3.779e+002	3.759e+001	-1.053e+002	10728.7	5643.88
309	5	2.670e+003	-6.384e+002	1.938e+001	3.779e+002	3.759e+001	-1.053e+002	10728.7	5643.88
310	1	5.527e+003	-3.566e+003	-1.056e+003	1.365e+002	1.250e+002	5.870e+001	8830.06	8736.73
310	2	4.875e+003	-4.110e+003	-7.485e+002	1.137e+002	4.163e+001	2.231e+001	9237.14	6957.78
310	3	3.750e+003	-3.162e+003	-5.757e+002	8.747e+001	3.202e+001	1.716e+001	7106.04	5352.33
310	4	3.750e+003	-3.162e+003	-5.757e+002	8.747e+001	3.202e+001	1.716e+001	7106.04	5352.33
310	5	3.750e+003	-3.162e+003	-5.757e+002	8.747e+001	3.202e+001	1.716e+001	7106.04	5352.33
311	1	6.349e+003	-2.192e+003	-3.404e+002	-4.845e+001	1.098e+001	6.255e+001	6782.08	9184.65
311	2	4.904e+003	-2.610e+003	-2.237e+002	-5.449e+001	-1.151e+001	1.640e+001	5792.69	7526.51
311	3	3.772e+003	-2.008e+003	-1.721e+002	-4.191e+001	-8.851e+000	1.262e+001	4455.94	5789.52
311	4	3.772e+003	-2.008e+003	-1.721e+002	-4.191e+001	-8.851e+000	1.262e+001	4455.94	5789.52
311	5	3.772e+003	-2.008e+003	-1.721e+002	-4.191e+001	-8.851e+000	1.262e+001	4455.94	5789.52
312	1	5.805e+003	-7.332e+002	9.644e+000	2.896e+002	4.079e+001	7.383e+000	11514.6	1591.31
312	2	3.481e+003	-8.604e+002	1.646e+001	2.465e+002	3.678e+001	-3.988e+001	8542.46	2056.22
312	3	2.678e+003	-6.618e+002	1.266e+001	1.896e+002	2.829e+001	-3.067e+001	6571.09	1581.32
312	4	2.678e+003	-6.618e+002	1.266e+001	1.896e+002	2.829e+001	-3.067e+001	6571.09	1581.32
312	5	2.678e+003	-6.618e+002	1.266e+001	1.896e+002	2.829e+001	-3.067e+001	6571.09	1581.32
313	1	5.711e+003	-7.164e+002	-4.226e+001	3.005e+001	1.105e+001	6.065e+001	6870.5	6039.49
313	2	3.439e+003	-8.596e+002	-6.269e+000	2.906e+001	1.053e+001	1.167e+001	4394.54	3544.61
313	3	2.646e+003	-6.612e+002	-4.822e+000	2.236e+001	8.099e+000	8.978e+000	3381.14	2727.06
313	4	2.646e+003	-6.612e+002	-4.822e+000	2.236e+001	8.099e+000	8.978e+000	3381.14	2727.06
313	5	2.646e+003	-6.612e+002	-4.822e+000	2.236e+001	8.099e+000	8.978e+000	3381.14	2727.06
314	1	5.370e+003	-2.152e+003	-5.193e+002	6.639e+001	1.885e+001	9.231e+001	8057.7	7043.94
314	2	4.106e+003	-2.506e+003	-3.025e+002	5.092e+001	-1.402e+001	4.872e+001	7034.9	5126.06
314	3	3.159e+003	-1.928e+003	-2.327e+002	3.917e+001	-1.079e+001	3.747e+001	5412.25	3943.61
314	4	3.159e+003	-1.928e+003	-2.327e+002	3.917e+001	-1.079e+001	3.747e+001	5412.25	3943.61
314	5	3.159e+003	-1.928e+003	-2.327e+002	3.917e+001	-1.079e+001	3.747e+001	5412.25	3943.61
315	1	5.565e+003	-7.178e+002	-7.802e+001	-2.842e+001	-3.668e+000	8.728e+001	6147.4	7193.74
315	2	3.369e+003	-8.641e+002	-3.253e+001	-2.121e+001	-3.687e+000	4.146e+001	3769.03	4491.92
315	3	2.592e+003	-6.647e+002	-2.503e+001	-1.632e+001	-2.836e+000	3.189e+001	2899.56	3455.83
315	4	2.592e+003	-6.647e+002	-2.503e+001	-1.632e+001	-2.836e+000	3.189e+001	2899.56	3455.83
315	5	2.592e+003	-6.647e+002	-2.503e+001	-1.632e+001	-2.836e+000	3.189e+001	2899.56	3455.83
316	1	5.348e+003	-7.007e+002	-1.147e+002	4.876e+001	-1.871e+000	8.421e+001	7234.93	5665.5
316	2	3.255e+003	-8.383e+002	-5.149e+001	3.610e+001	-4.285e+000	4.077e+001	4691.26	3338.57
316	3	2.504e+003	-6.449e+002	-3.961e+001	2.777e+001	-3.296e+000	3.136e+001	3608.84	2568.26
316	4	2.504e+003	-6.449e+002	-3.961e+001	2.777e+001	-3.296e+000	3.136e+001	3608.84	2568.26
316	5	2.504e+003	-6.449e+002	-3.961e+001	2.777e+001	-3.296e+000	3.136e+001	3608.84	2568.26
317	1	3.027e+003	-3.491e+003	-4.683e+002	1.996e+002	4.631e+002	3.367e+001	6447.41	12394.3
317	2	2.729e+003	-4.326e+003	-2.642e+002	1.623e+002	2.953e+002	2.217e+001	5358.17	10021.6
317	3	2.099e+003	-3.328e+003	-2.032e+002	1.249e+002	2.271e+002	1.706e+001	4122.86	7707.6
317	4	2.099e+003	-3.328e+003	-2.032e+002	1.249e+002	2.271e+002	1.706e+001	4122.86	7707.6
317	5	2.099e+003	-3.328e+003	-2.032e+002	1.249e+002	2.271e+002	1.706e+001	4122.86	7707.6
318	1	3.287e+003	-3.493e+003	-4.726e+002	1.148e+001	4.061e+002	3.382e+001	4153.08	13489.4
318	2	2.953e+003	-4.340e+003	-2.185e+002	-2.272e+001	2.437e+002	1.904e+001	2312.16	11315.1
318	3	2.272e+003	-3.339e+003	-1.681e+002	-1.748e+001	1.874e+002	1.465e+001	1779.56	8703.68
318	4	2.272e+003	-3.339e+003	-1.681e+002	-1.748e+001	1.874e+002	1.465e+001	1779.56	8703.68
318	5	2.272e+003	-3.339e+003	-1.681e+002	-1.748e+001	1.874e+002	1.465e+001	1779.56	8703.68
319	1	4.402e+003	-1.986e+003	-3.340e+002	-4.605e+001	6.359e+001	8.524e+001	4554.76	8267.84
319	2	3.515e+003	-2.468e+003	2.775e+001	-3.982e+001	2.026e+001	4.287e+001	4431.61	6414.95
319	3	2.704e+003	-1.898e+003	2.135e+001	-3.063e+001	1.559e+001	3.298e+001	3408.68	4934.44
319	4	2.704e+003	-1.898e+003	2.135e+001	-3.063e+001	1.559e+001	3.298e+001	3408.68	4934.44
319	5	2.704e+003	-1.898e+003	2.135e+001	-3.063e+001	1.559e+001	3.298e+001	3408.68	4934.44
320	1	4.853e+003	-7.132e+002	-1.368e+002	4.635e+001	2.588e+001	9.262e+001	6825.06	5523.05
320	2	3.051e+003	-8.322e+002	-1.887e+001	3.681e+001	-3.952e+000	3.881e+001	4501.18	3093.57

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
320	3	2.347e+003	-6.402e+002	-1.452e+001	2.831e+001	-3.040e+000	2.985e+001	3462.41	2379.8
320	4	2.347e+003	-6.402e+002	-1.452e+001	2.831e+001	-3.040e+000	2.985e+001	3462.41	2379.8
320	5	2.347e+003	-6.402e+002	-1.452e+001	2.831e+001	-3.040e+000	2.985e+001	3462.41	2379.8
321	1	4.308e+003	-6.749e+002	-1.057e+002	-6.630e+001	-3.437e+000	8.277e+001	4337.28	6675.24
321	2	3.032e+003	-8.330e+002	4.822e+001	-4.088e+001	-5.504e+000	3.792e+001	3136.18	4422.6
321	3	2.332e+003	-6.407e+002	3.709e+001	-3.145e+001	-4.234e+000	2.917e+001	2412.08	3401.75
321	4	2.332e+003	-6.407e+002	3.709e+001	-3.145e+001	-4.234e+000	2.917e+001	2412.08	3401.75
321	5	2.332e+003	-6.407e+002	3.709e+001	-3.145e+001	-4.234e+000	2.917e+001	2412.08	3401.75
322	1	4.660e+003	-2.005e+003	-4.609e+002	-3.772e+001	5.052e+001	6.691e+001	4741.61	8009.02
322	2	3.634e+003	-2.437e+003	-9.148e+001	-3.634e+001	1.045e+001	1.840e+001	4492.05	6172.25
322	3	2.795e+003	-1.875e+003	-7.037e+001	-2.795e+001	8.042e+000	1.415e+001	3455.39	4747.8
322	4	2.795e+003	-1.875e+003	-7.037e+001	-2.795e+001	8.042e+000	1.415e+001	3455.39	4747.8
322	5	2.795e+003	-1.875e+003	-7.037e+001	-2.795e+001	8.042e+000	1.415e+001	3455.39	4747.8
323	1	3.338e+003	-2.099e+003	-2.370e+002	5.941e+001	1.292e+002	2.908e+001	4343.39	6200.73
323	2	3.000e+003	-2.587e+003	-8.748e+001	5.253e+001	6.524e+001	1.511e+001	4834.27	5190.9
323	3	2.308e+003	-1.990e+003	-6.729e+001	4.041e+001	5.019e+001	1.163e+001	3718.96	3993.33
323	4	2.308e+003	-1.990e+003	-6.729e+001	4.041e+001	5.019e+001	1.163e+001	3718.96	3993.33
323	5	2.308e+003	-1.990e+003	-6.729e+001	4.041e+001	5.019e+001	1.163e+001	3718.96	3993.33
324	1	3.883e+003	-6.974e+002	-5.216e+001	-4.475e+001	8.649e+000	2.073e+001	3348.24	5320.07
324	2	3.269e+003	-8.587e+002	3.997e+001	-2.453e+001	3.414e+000	-3.470e+000	3251.32	4298.5
324	3	2.515e+003	-6.605e+002	3.075e+001	-1.887e+001	2.626e+000	-2.669e+000	2501.35	3306.9
324	4	2.515e+003	-6.605e+002	3.075e+001	-1.887e+001	2.626e+000	-2.669e+000	2501.35	3306.9
324	5	2.515e+003	-6.605e+002	3.075e+001	-1.887e+001	2.626e+000	-2.669e+000	2501.35	3306.9
325	1	3.631e+003	-6.990e+002	-6.568e+001	1.685e+000	1.222e+001	1.892e+001	3949.34	4218.86
325	2	3.287e+003	-8.576e+002	-8.447e+000	1.389e+001	4.832e+000	4.110e+000	4000.19	3588
325	3	2.529e+003	-6.597e+002	-6.498e+000	1.068e+001	3.717e+000	3.162e+000	3077.51	2760.62
325	4	2.529e+003	-6.597e+002	-6.498e+000	1.068e+001	3.717e+000	3.162e+000	3077.51	2760.62
325	5	2.529e+003	-6.597e+002	-6.498e+000	1.068e+001	3.717e+000	3.162e+000	3077.51	2760.62
326	1	3.535e+003	-2.099e+003	-2.279e+002	-1.513e+001	1.246e+002	3.402e+001	3161.91	7454.46
326	2	3.118e+003	-2.593e+003	-3.932e+001	-1.869e+001	6.368e+001	1.605e+001	3633.67	6393.51
326	3	2.398e+003	-1.995e+003	-3.024e+001	-1.438e+001	4.899e+001	1.234e+001	2794.82	4918.15
326	4	2.398e+003	-1.995e+003	-3.024e+001	-1.438e+001	4.899e+001	1.234e+001	2794.82	4918.15
326	5	2.398e+003	-1.995e+003	-3.024e+001	-1.438e+001	4.899e+001	1.234e+001	2794.82	4918.15
327	1	4.158e+003	-3.367e+003	-5.369e+002	1.638e+002	3.684e+002	5.473e+001	6488.91	11504.9
327	2	3.688e+003	-4.215e+003	-1.171e+002	1.389e+002	2.312e+002	2.570e+001	6302.68	9365.57
327	3	2.837e+003	-3.243e+003	-9.010e+001	1.069e+002	1.779e+002	1.977e+001	4849.18	7205.47
327	4	2.837e+003	-3.243e+003	-9.010e+001	1.069e+002	1.779e+002	1.977e+001	4849.18	7205.47
327	5	2.837e+003	-3.243e+003	-9.010e+001	1.069e+002	1.779e+002	1.977e+001	4849.18	7205.47
328	1	1.536e+003	-3.407e+003	-1.249e+002	2.504e+001	4.371e+002	-2.710e+001	4737.86	12648.7
328	2	1.375e+003	-4.171e+003	-1.161e+002	-2.000e+001	2.540e+002	-2.762e+001	1477.5	10238.1
328	3	1.058e+003	-3.208e+003	-8.932e+001	-1.539e+001	1.954e+002	-2.125e+001	1136.93	7875.61
328	4	1.058e+003	-3.208e+003	-8.932e+001	-1.539e+001	1.954e+002	-2.125e+001	1136.93	7875.61
328	5	1.058e+003	-3.208e+003	-8.932e+001	-1.539e+001	1.954e+002	-2.125e+001	1136.93	7875.61
329	1	1.593e+003	-3.410e+003	-1.767e+002	2.047e+002	4.806e+002	-3.020e+001	6052.88	11924.8
329	2	1.430e+003	-4.175e+003	-1.632e+002	1.593e+002	2.976e+002	-3.102e+001	4235.37	9366.74
329	3	1.100e+003	-3.212e+003	-1.256e+002	1.225e+002	2.289e+002	-2.386e+001	3257.45	7205.45
329	4	1.100e+003	-3.212e+003	-1.256e+002	1.225e+002	2.289e+002	-2.386e+001	3257.45	7205.45
329	5	1.100e+003	-3.212e+003	-1.256e+002	1.225e+002	2.289e+002	-2.386e+001	3257.45	7205.45
330	1	2.486e+003	-2.071e+003	-2.099e+002	6.923e+001	1.430e+002	-1.973e+001	3689.13	5557.02
330	2	2.357e+003	-2.536e+003	-1.727e+002	5.379e+001	7.099e+001	-2.335e+001	4250.91	4749.87
330	3	1.813e+003	-1.951e+003	-1.328e+002	4.137e+001	5.461e+001	-1.796e+001	3269.82	3654.06
330	4	1.813e+003	-1.951e+003	-1.328e+002	4.137e+001	5.461e+001	-1.796e+001	3269.82	3654.06
330	5	1.813e+003	-1.951e+003	-1.328e+002	4.137e+001	5.461e+001	-1.796e+001	3269.82	3654.06
331	1	3.196e+003	-6.951e+002	-7.557e+001	-9.434e+000	1.911e+001	8.888e+000	3183.5	4052.6
331	2	3.071e+003	-8.503e+002	-5.054e+001	-5.028e+000	9.671e+000	2.142e+000	3349.44	3803.92
331	3	2.362e+003	-6.540e+002	-3.888e+001	-3.867e+000	7.439e+000	1.648e+000	2576.16	2925.72
331	4	2.362e+003	-6.540e+002	-3.888e+001	-3.867e+000	7.439e+000	1.648e+000	2576.16	2925.72
331	5	2.362e+003	-6.540e+002	-3.888e+001	-3.867e+000	7.439e+000	1.648e+000	2576.16	2925.72
332	1	2.913e+003	-6.929e+002	-6.883e+001	1.656e+001	1.744e+001	-7.208e+000	3447.72	3234.24
332	2	2.858e+003	-8.466e+002	-5.541e+001	1.804e+001	7.281e+000	-1.109e+001	3649.68	3129.21
332	3	2.198e+003	-6.512e+002	-4.263e+001	1.388e+001	5.601e+000	-8.532e+000	2807.04	2406.57
332	4	2.198e+003	-6.512e+002	-4.263e+001	1.388e+001	5.601e+000	-8.532e+000	2807.04	2406.57
332	5	2.198e+003	-6.512e+002	-4.263e+001	1.388e+001	5.601e+000	-8.532e+000	2807.04	2406.57
333	1	2.633e+003	-2.076e+003	-2.269e+002	6.896e+001	1.423e+002	1.997e+001	3696.35	5740.88
333	2	2.481e+003	-2.544e+003	-1.763e+002	5.450e+001	7.114e+001	1.508e+001	4248.79	4880.32
333	3	1.908e+003	-1.957e+003	-1.356e+002	4.192e+001	5.473e+001	1.160e+001	3267.75	3754.01
333	4	1.908e+003	-1.957e+003	-1.356e+002	4.192e+001	5.473e+001	1.160e+001	3267.75	3754.01

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
333	5	1.908e+003	-1.957e+003	-1.356e+002	4.192e+001	5.473e+001	1.160e+001	3267.75	3754.01
334	1	2.010e+003	-2.060e+003	-7.544e+001	3.704e+000	1.473e+002	-1.867e+001	1970.82	6202.82
334	2	1.930e+003	-2.517e+003	-6.966e+001	-1.383e+001	7.326e+001	-1.934e+001	2500.21	5446.8
334	3	1.485e+003	-1.936e+003	-5.358e+001	-1.064e+001	5.636e+001	-1.488e+001	1923.37	4190.15
334	4	1.485e+003	-1.936e+003	-5.358e+001	-1.064e+001	5.636e+001	-1.488e+001	1923.37	4190.15
334	5	1.485e+003	-1.936e+003	-5.358e+001	-1.064e+001	5.636e+001	-1.488e+001	1923.37	4190.15
335	1	2.577e+003	-6.910e+002	-4.560e+001	1.713e+001	1.778e+001	7.312e+000	3104.6	2922.05
335	2	2.570e+003	-8.434e+002	-4.099e+001	1.638e+001	7.057e+000	5.665e+000	3305.58	2878.52
335	3	1.977e+003	-6.488e+002	-3.153e+001	1.260e+001	5.429e+000	4.357e+000	2542.84	2214.35
335	4	1.977e+003	-6.488e+002	-3.153e+001	1.260e+001	5.429e+000	4.357e+000	2542.84	2214.35
335	5	1.977e+003	-6.488e+002	-3.153e+001	1.260e+001	5.429e+000	4.357e+000	2542.84	2214.35
336	1	2.440e+003	-6.905e+002	-2.545e+001	-7.102e+000	2.038e+001	-7.297e+000	2472.45	3275.26
336	2	2.446e+003	-8.425e+002	-2.349e+001	-8.446e+000	9.490e+000	-8.046e+000	2685.3	3262.26
336	3	1.881e+003	-6.481e+002	-1.807e+001	-6.497e+000	7.300e+000	-6.189e+000	2065.1	2508.93
336	4	1.881e+003	-6.481e+002	-1.807e+001	-6.497e+000	7.300e+000	-6.189e+000	2065.1	2508.93
336	5	1.881e+003	-6.481e+002	-1.807e+001	-6.497e+000	7.300e+000	-6.189e+000	2065.1	2508.93
337	1	2.067e+003	-2.061e+003	-1.064e+002	6.953e+001	1.438e+002	-1.984e+001	3244.19	5314.14
337	2	1.984e+003	-2.519e+003	-9.744e+001	5.201e+001	6.995e+001	-2.087e+001	3817.22	4493.14
337	3	1.526e+003	-1.937e+003	-7.495e+001	4.001e+001	5.381e+001	-1.605e+001	2935.68	3455.49
337	4	1.526e+003	-1.937e+003	-7.495e+001	4.001e+001	5.381e+001	-1.605e+001	2935.68	3455.49
337	5	1.526e+003	-1.937e+003	-7.495e+001	4.001e+001	5.381e+001	-1.605e+001	2935.68	3455.49
338	1	1.888e+003	-3.424e+003	-3.191e+002	2.497e+001	4.368e+002	-2.735e+001	4782.74	12846.8
338	2	1.708e+003	-4.201e+003	-2.800e+002	-1.893e+001	2.557e+002	-2.957e+001	1904.22	10484.6
338	3	1.314e+003	-3.232e+003	-2.154e+002	-1.456e+001	1.967e+002	-2.274e+001	1464.69	8065.71
338	4	1.314e+003	-3.232e+003	-2.154e+002	-1.456e+001	1.967e+002	-2.274e+001	1464.69	8065.71
338	5	1.314e+003	-3.232e+003	-2.154e+002	-1.456e+001	1.967e+002	-2.274e+001	1464.69	8065.71
339	1	2.075e+003	-3.433e+003	3.766e+002	2.048e+002	4.803e+002	3.075e+001	6349.72	12095.9
339	2	1.889e+003	-4.216e+003	3.244e+002	1.610e+002	3.001e+002	3.372e+001	4793.77	9601.57
339	3	1.453e+003	-3.243e+003	2.495e+002	1.238e+002	2.308e+002	2.594e+001	3686.78	7385.17
339	4	1.453e+003	-3.243e+003	2.495e+002	1.238e+002	2.308e+002	2.594e+001	3686.78	7385.17
339	5	1.453e+003	-3.243e+003	2.495e+002	1.238e+002	2.308e+002	2.594e+001	3686.78	7385.17
340	1	1.930e+003	-3.425e+003	3.364e+002	2.514e+001	4.371e+002	2.758e+001	4796.82	12875.4
340	2	1.753e+003	-4.202e+003	2.986e+002	-1.875e+001	2.560e+002	2.982e+001	1959.98	10516.8
340	3	1.348e+003	-3.232e+003	2.297e+002	-1.442e+001	1.969e+002	2.294e+001	1507.52	8088.77
340	4	1.348e+003	-3.232e+003	2.297e+002	-1.442e+001	1.969e+002	2.294e+001	1507.52	8088.77
340	5	1.348e+003	-3.232e+003	2.297e+002	-1.442e+001	1.969e+002	2.294e+001	1507.52	8088.77
341	1	2.026e+003	-2.060e+003	8.592e+001	3.766e+000	1.474e+002	1.879e+001	1993.88	6214.14
341	2	1.948e+003	-2.517e+003	8.098e+001	-1.377e+001	7.332e+001	1.947e+001	2523.73	5459.36
341	3	1.498e+003	-1.936e+003	6.229e+001	-1.059e+001	5.640e+001	1.497e+001	1940.78	4198.95
341	4	1.498e+003	-1.936e+003	6.229e+001	-1.059e+001	5.640e+001	1.497e+001	1940.78	4198.95
341	5	1.498e+003	-1.936e+003	6.229e+001	-1.059e+001	5.640e+001	1.497e+001	1940.78	4198.95
342	1	2.388e+003	-6.903e+002	7.288e+000	1.720e+001	1.783e+001	-7.353e+000	2921.98	2736.16
342	2	2.398e+003	-8.421e+002	7.124e+000	1.553e+001	6.888e+000	-7.183e+000	3127.99	2727.36
342	3	1.845e+003	-6.478e+002	5.480e+000	1.194e+001	5.299e+000	-5.525e+000	2406.42	2098.48
342	4	1.845e+003	-6.478e+002	5.480e+000	1.194e+001	5.299e+000	-5.525e+000	2406.42	2098.48
342	5	1.845e+003	-6.478e+002	5.480e+000	1.194e+001	5.299e+000	-5.525e+000	2406.42	2098.48
343	1	2.457e+003	-6.905e+002	2.900e+001	-7.024e+000	2.040e+001	7.422e+000	2491.8	3290.2
343	2	2.464e+003	-8.425e+002	2.733e+001	-8.361e+000	9.509e+000	8.182e+000	2705.5	3278.04
343	3	1.895e+003	-6.481e+002	2.102e+001	-6.432e+000	7.315e+000	6.294e+000	2080.78	2521.23
343	4	1.895e+003	-6.481e+002	2.102e+001	-6.432e+000	7.315e+000	6.294e+000	2080.78	2521.23
343	5	1.895e+003	-6.481e+002	2.102e+001	-6.432e+000	7.315e+000	6.294e+000	2080.78	2521.23
344	1	1.982e+003	-2.059e+003	5.399e+001	3.725e+000	1.474e+002	-1.843e+001	1867.59	6205.08
344	2	1.906e+003	-2.516e+003	5.149e+001	-1.395e+001	7.319e+001	-1.795e+001	2408.25	5446.59
344	3	1.466e+003	-1.935e+003	3.961e+001	-1.073e+001	5.630e+001	-1.381e+001	1852.09	4189.21
344	4	1.466e+003	-1.935e+003	3.961e+001	-1.073e+001	5.630e+001	-1.381e+001	1852.09	4189.21
344	5	1.466e+003	-1.935e+003	3.961e+001	-1.073e+001	5.630e+001	-1.381e+001	1852.09	4189.21
345	1	2.535e+003	-2.072e+003	2.199e+002	6.952e+001	1.433e+002	2.007e+001	3747.38	5591.39
345	2	2.410e+003	-2.537e+003	1.836e+002	5.410e+001	7.123e+001	2.371e+001	4312.04	4787.04
345	3	1.854e+003	-1.951e+003	1.412e+002	4.161e+001	5.479e+001	1.824e+001	3316.67	3681.97
345	4	1.854e+003	-1.951e+003	1.412e+002	4.161e+001	5.479e+001	1.824e+001	3316.67	3681.97
345	5	1.854e+003	-1.951e+003	1.412e+002	4.161e+001	5.479e+001	1.824e+001	3316.67	3681.97
346	1	2.711e+003	-6.915e+002	5.807e+001	-7.035e+000	2.033e+001	-6.895e+000	2730.45	3543.8
346	2	2.696e+003	-8.442e+002	5.163e+001	-7.151e+000	9.748e+000	-4.645e+000	2935.07	3483.71
346	3	2.074e+003	-6.494e+002	3.972e+001	-5.501e+000	7.499e+000	-3.573e+000	2257.9	2679.95
346	4	2.074e+003	-6.494e+002	3.972e+001	-5.501e+000	7.499e+000	-3.573e+000	2257.9	2679.95
346	5	2.074e+003	-6.494e+002	3.972e+001	-5.501e+000	7.499e+000	-3.573e+000	2257.9	2679.95
347	1	2.963e+003	-6.930e+002	7.214e+001	1.691e+001	1.752e+001	7.554e+000	3505.17	3277.05

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
347	2	2.912e+003	-8.467e+002	5.900e+001	1.842e+001	7.363e+000	1.147e+001	3711.41	3175.58
347	3	2.240e+003	-6.513e+002	4.538e+001	1.417e+001	5.664e+000	8.820e+000	2854.92	2442.72
347	4	2.240e+003	-6.513e+002	4.538e+001	1.417e+001	5.664e+000	8.820e+000	2854.92	2442.72
347	5	2.240e+003	-6.513e+002	4.538e+001	1.417e+001	5.664e+000	8.820e+000	2854.92	2442.72
348	1	2.398e+003	-2.068e+003	1.988e+002	3.776e+000	1.471e+002	1.899e+001	2393.63	6475.42
348	2	2.289e+003	-2.530e+003	1.727e+002	-1.221e+001	7.439e+001	2.173e+001	2924.58	5726.24
348	3	1.761e+003	-1.946e+003	1.328e+002	-9.395e+000	5.722e+001	1.672e+001	2249.8	4404.84
348	4	1.761e+003	-1.946e+003	1.328e+002	-9.395e+000	5.722e+001	1.672e+001	2249.8	4404.84
348	5	1.761e+003	-1.946e+003	1.328e+002	-9.395e+000	5.722e+001	1.672e+001	2249.8	4404.84
349	1	1.615e+003	-3.410e+003	1.939e+002	2.048e+002	4.807e+002	3.032e+001	6071.87	11931.9
349	2	1.454e+003	-4.175e+003	1.818e+002	1.594e+002	2.978e+002	3.115e+001	4269.47	9376.17
349	3	1.118e+003	-3.212e+003	1.399e+002	1.226e+002	2.290e+002	2.396e+001	3283.81	7211.32
349	4	1.118e+003	-3.212e+003	1.399e+002	1.226e+002	2.290e+002	2.396e+001	3283.81	7211.32
349	5	1.118e+003	-3.212e+003	1.399e+002	1.226e+002	2.290e+002	2.396e+001	3283.81	7211.32
350	1	4.596e+003	-3.287e+003	6.200e+002	-1.854e+001	2.768e+002	-6.340e+001	3825.69	12482.9
350	2	4.089e+003	-4.095e+003	1.652e+002	-4.119e+001	1.520e+002	-2.824e+001	3984.32	10539.4
350	3	3.145e+003	-3.150e+003	1.271e+002	-3.168e+001	1.169e+002	-2.173e+001	3064.93	8106.45
350	4	3.145e+003	-3.150e+003	1.271e+002	-3.168e+001	1.169e+002	-2.173e+001	3064.93	8106.45
350	5	3.145e+003	-3.150e+003	1.271e+002	-3.168e+001	1.169e+002	-2.173e+001	3064.93	8106.45
351	1	4.278e+003	-3.371e+003	5.427e+002	1.639e+002	3.677e+002	-5.332e+001	6582.82	11550.6
351	2	3.818e+003	-4.220e+003	1.234e+002	1.391e+002	2.305e+002	-2.418e+001	6437.94	9424.46
351	3	2.937e+003	-3.246e+003	9.495e+001	1.070e+002	1.773e+002	-1.860e+001	4952.33	7249.33
351	4	2.937e+003	-3.246e+003	9.495e+001	1.070e+002	1.773e+002	-1.860e+001	4952.33	7249.33
351	5	2.937e+003	-3.246e+003	9.495e+001	1.070e+002	1.773e+002	-1.860e+001	4952.33	7249.33
352	1	3.418e+003	-2.100e+003	2.428e+002	6.003e+001	1.296e+002	-2.826e+001	4426.68	6254.13
352	2	3.087e+003	-2.588e+003	9.381e+001	5.320e+001	6.561e+001	-1.423e+001	4924.37	5251.85
352	3	2.374e+003	-1.991e+003	7.216e+001	4.092e+001	5.047e+001	-1.094e+001	3787.45	4039.67
352	4	2.374e+003	-1.991e+003	7.216e+001	4.092e+001	5.047e+001	-1.094e+001	3787.45	4039.67
352	5	2.374e+003	-1.991e+003	7.216e+001	4.092e+001	5.047e+001	-1.094e+001	3787.45	4039.67
353	1	3.412e+003	-6.967e+002	7.760e+001	-1.098e+001	1.829e+001	4.395e+000	3385.64	4259.55
353	2	3.238e+003	-8.528e+002	4.437e+001	-4.465e+000	9.386e+000	1.320e+001	3569.89	3967.81
353	3	2.491e+003	-6.560e+002	3.413e+001	-3.434e+000	7.220e+000	1.016e+001	2746.34	3052.39
353	4	2.491e+003	-6.560e+002	3.413e+001	-3.434e+000	7.220e+000	1.016e+001	2746.34	3052.39
353	5	2.491e+003	-6.560e+002	3.413e+001	-3.434e+000	7.220e+000	1.016e+001	2746.34	3052.39
354	1	3.707e+003	-6.993e+002	6.712e+001	2.344e+000	1.232e+001	-1.812e+001	4032.32	4276.67
354	2	3.370e+003	-8.579e+002	1.000e+001	1.460e+001	4.935e+000	-3.240e+000	4093.94	3655.57
354	3	2.592e+003	-6.599e+002	7.695e+000	1.123e+001	3.796e+000	-2.492e+000	3148.86	2811.68
354	4	2.592e+003	-6.599e+002	7.695e+000	1.123e+001	3.796e+000	-2.492e+000	3148.86	2811.68
354	5	2.592e+003	-6.599e+002	7.695e+000	1.123e+001	3.796e+000	-2.492e+000	3148.86	2811.68
355	1	3.222e+003	-2.095e+003	2.505e+002	6.549e+001	1.353e+002	1.555e+001	4365.97	5977.7
355	2	2.955e+003	-2.577e+003	1.345e+002	5.607e+001	6.881e+001	2.629e+001	4922.58	5162.13
355	3	2.273e+003	-1.983e+003	1.035e+002	4.313e+001	5.293e+001	2.022e+001	3786.97	3971.44
355	4	2.273e+003	-1.983e+003	1.035e+002	4.313e+001	5.293e+001	2.022e+001	3786.97	3971.44
355	5	2.273e+003	-1.983e+003	1.035e+002	4.313e+001	5.293e+001	2.022e+001	3786.97	3971.44
356	1	4.506e+003	-1.989e+003	3.302e+002	-4.623e+001	6.269e+001	-8.450e+001	4641.85	8334.35
356	2	3.627e+003	-2.470e+003	-3.191e+001	-4.002e+001	1.929e+001	-4.207e+001	4533.21	6497.98
356	3	2.790e+003	-1.900e+003	-2.455e+001	-3.078e+001	1.484e+001	-3.236e+001	3487.13	4998.37
356	4	2.790e+003	-1.900e+003	-2.455e+001	-3.078e+001	1.484e+001	-3.236e+001	3487.13	4998.37
356	5	2.790e+003	-1.900e+003	-2.455e+001	-3.078e+001	1.484e+001	-3.236e+001	3487.13	4998.37
357	1	4.080e+003	-6.933e+002	5.148e+001	-3.252e+001	1.792e+000	-3.220e+001	3940.24	5265.91
357	2	3.287e+003	-8.555e+002	-6.200e+001	-8.413e+000	-2.191e+000	-1.765e+000	3657.38	3923.71
357	3	2.529e+003	-6.581e+002	-4.769e+001	-6.472e+000	-1.686e+000	-1.358e+000	2813.91	3018.78
357	4	2.529e+003	-6.581e+002	-4.769e+001	-6.472e+000	-1.686e+000	-1.358e+000	2813.91	3018.78
357	5	2.529e+003	-6.581e+002	-4.769e+001	-6.472e+000	-1.686e+000	-1.358e+000	2813.91	3018.78
358	1	4.380e+003	-6.754e+002	1.017e+002	-6.661e+001	-3.693e+000	-8.218e+001	4383.38	6730.2
358	2	3.109e+003	-8.336e+002	-5.247e+001	-4.122e+001	-5.781e+000	-3.728e+001	3194.37	4491.51
358	3	2.392e+003	-6.412e+002	-4.036e+001	-3.171e+001	-4.447e+000	-2.868e+001	2457.59	3455.5
358	4	2.392e+003	-6.412e+002	-4.036e+001	-3.171e+001	-4.447e+000	-2.868e+001	2457.59	3455.5
358	5	2.392e+003	-6.412e+002	-4.036e+001	-3.171e+001	-4.447e+000	-2.868e+001	2457.59	3455.5
359	1	4.269e+003	-2.037e+003	2.615e+002	2.196e+001	7.779e+001	-6.694e+001	5302.07	6986.53
359	2	3.525e+003	-2.536e+003	-6.616e+001	2.792e+001	2.979e+001	-3.159e+001	5458.33	5370.13
359	3	2.712e+003	-1.950e+003	-5.089e+001	2.148e+001	2.291e+001	-2.430e+001	4198.72	4130.46
359	4	2.712e+003	-1.950e+003	-5.089e+001	2.148e+001	2.291e+001	-2.430e+001	4198.72	4130.46
359	5	2.712e+003	-1.950e+003	-5.089e+001	2.148e+001	2.291e+001	-2.430e+001	4198.72	4130.46
360	1	3.380e+003	-3.497e+003	4.837e+002	1.194e+001	4.067e+002	-3.283e+001	4185.73	13557.7
360	2	3.054e+003	-4.344e+003	2.304e+002	-2.221e+001	2.443e+002	-1.796e+001	2412.13	11393.3
360	3	2.349e+003	-3.342e+003	1.773e+002	-1.709e+001	1.879e+002	-1.382e+001	1855.47	8764

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
360	4	2.349e+003	-3.342e+003	1.773e+002	-1.709e+001	1.879e+002	-1.382e+001	1855.47	8764
360	5	2.349e+003	-3.342e+003	1.773e+002	-1.709e+001	1.879e+002	-1.382e+001	1855.47	8764
361	1	8.357e+003	-3.666e+003	1.060e+003	-2.834e+001	-4.744e+001	5.195e-001	11015.1	10704.5
361	2	7.650e+003	-4.273e+003	9.506e+002	-5.204e+001	-9.757e+001	3.540e+001	11472.5	10066.1
361	3	5.884e+003	-3.287e+003	7.312e+002	-4.003e+001	-7.505e+001	2.723e+001	8824.46	7742.67
361	4	5.884e+003	-3.287e+003	7.312e+002	-4.003e+001	-7.505e+001	2.723e+001	8824.46	7742.67
361	5	5.884e+003	-3.287e+003	7.312e+002	-4.003e+001	-7.505e+001	2.723e+001	8824.46	7742.67
362	1	5.981e+003	-2.176e+003	4.921e+002	-5.641e+001	-1.004e+001	-1.001e+002	6893.48	9314.85
362	2	4.622e+003	-2.599e+003	3.436e+002	-5.820e+001	-3.539e+001	-5.620e+001	6012.56	7369.09
362	3	3.555e+003	-1.999e+003	2.643e+002	-4.477e+001	-2.722e+001	-4.323e+001	4624.46	5668.07
362	4	3.555e+003	-1.999e+003	2.643e+002	-4.477e+001	-2.722e+001	-4.323e+001	4624.46	5668.07
362	5	3.555e+003	-1.999e+003	2.643e+002	-4.477e+001	-2.722e+001	-4.323e+001	4624.46	5668.07
363	1	5.409e+003	-6.988e+002	1.163e+002	4.828e+001	-2.459e+000	-8.410e+001	7285.36	5716.91
363	2	3.321e+003	-8.362e+002	5.328e+001	3.559e+001	-4.921e+000	-4.065e+001	4748.63	3395.91
363	3	2.554e+003	-6.432e+002	4.098e+001	2.737e+001	-3.785e+000	-3.127e+001	3652.06	2611.81
363	4	2.554e+003	-6.432e+002	4.098e+001	2.737e+001	-3.785e+000	-3.127e+001	3652.06	2611.81
363	5	2.554e+003	-6.432e+002	4.098e+001	2.737e+001	-3.785e+000	-3.127e+001	3652.06	2611.81
364	1	5.633e+003	-7.164e+002	8.252e+001	-3.095e+001	-4.723e+000	-8.786e+001	6179.16	7300.37
364	2	3.442e+003	-8.626e+002	3.739e+001	-2.394e+001	-4.828e+000	-4.209e+001	3804.46	4606.05
364	3	2.648e+003	-6.636e+002	2.876e+001	-1.842e+001	-3.714e+000	-3.238e+001	2926.78	3543.55
364	4	2.648e+003	-6.636e+002	2.876e+001	-1.842e+001	-3.714e+000	-3.238e+001	2926.78	3543.55
364	5	2.648e+003	-6.636e+002	2.876e+001	-1.842e+001	-3.714e+000	-3.238e+001	2926.78	3543.55
365	1	6.888e+003	-2.191e+003	3.023e+002	1.604e+002	6.928e+001	1.361e+001	10548.4	6298.09
365	2	5.391e+003	-2.575e+003	2.231e+002	1.276e+002	4.298e+001	5.447e+001	9190.57	5651.17
365	3	4.147e+003	-1.980e+003	1.716e+002	9.815e+001	3.306e+001	4.190e+001	7069.2	4346.49
365	4	4.147e+003	-1.980e+003	1.716e+002	9.815e+001	3.306e+001	4.190e+001	7069.2	4346.49
365	5	4.147e+003	-1.980e+003	1.716e+002	9.815e+001	3.306e+001	4.190e+001	7069.2	4346.49
366	1	5.790e+003	-7.140e+002	4.985e+001	2.636e+001	9.768e+000	-6.218e+001	6899.91	6187.71
366	2	3.524e+003	-6.571e+002	1.447e+001	2.508e+001	9.145e+000	-1.332e+001	4419.63	3689.77
366	3	2.711e+003	-6.593e+002	1.113e+001	1.929e+001	7.034e+000	-1.024e+001	3399.88	2838.51
366	4	2.711e+003	-6.593e+002	1.113e+001	1.929e+001	7.034e+000	-1.024e+001	3399.88	2838.51
366	5	2.711e+003	-6.593e+002	1.113e+001	1.929e+001	7.034e+000	-1.024e+001	3399.88	2838.51
367	1	5.903e+003	-7.278e+002	4.837e+000	2.858e+002	3.959e+001	-9.939e+000	11547.9	1679.59
367	2	3.588e+003	-8.545e+002	-8.110e-001	2.424e+002	3.548e+001	3.711e+001	8567.5	1909.02
367	3	2.760e+003	-6.573e+002	-6.238e-001	1.865e+002	2.729e+001	2.855e+001	6591.18	1468.71
367	4	2.760e+003	-6.573e+002	-6.238e-001	1.865e+002	2.729e+001	2.855e+001	6591.18	1468.71
367	5	2.760e+003	-6.573e+002	-6.238e-001	1.865e+002	2.729e+001	2.855e+001	6591.18	1468.71
368	1	7.108e+003	-4.026e+003	-1.418e+003	2.122e+003	6.346e+002	4.335e+002	47192.7	34921.6
368	2	6.407e+003	-4.587e+003	-1.209e+003	2.091e+003	6.068e+002	4.418e+002	46504.2	34949.1
368	3	4.929e+003	-3.528e+003	-9.304e+002	1.608e+003	4.667e+002	3.398e+002	35764	26876.1
368	4	4.929e+003	-3.528e+003	-9.304e+002	1.608e+003	4.667e+002	3.398e+002	35764	26876.1
368	5	4.929e+003	-3.528e+003	-9.304e+002	1.608e+003	4.667e+002	3.398e+002	35764	26876.1
369	1	8.005e+003	-1.925e+003	-2.544e+001	7.100e+002	1.353e+002	2.636e+002	23513.7	10629.1
369	2	6.489e+003	-2.376e+003	1.558e+001	7.078e+002	1.239e+002	2.859e+002	22731.8	11824.3
369	3	4.991e+003	-1.828e+003	1.198e+001	5.444e+002	9.531e+001	2.199e+002	17484.2	9094.73
369	4	4.991e+003	-1.828e+003	1.198e+001	5.444e+002	9.531e+001	2.199e+002	17484.2	9094.73
369	5	4.991e+003	-1.828e+003	1.198e+001	5.444e+002	9.531e+001	2.199e+002	17484.2	9094.73
370	1	6.063e+003	-6.788e+002	-2.237e+001	5.200e+002	4.904e+001	1.102e+002	16659	5329.74
370	2	3.621e+003	-8.286e+002	1.360e+000	4.820e+002	4.683e+001	1.333e+002	13907.9	6991.16
370	3	2.785e+003	-6.374e+002	1.046e+000	3.708e+002	3.603e+001	1.025e+002	10698.1	5377.64
370	4	2.785e+003	-6.374e+002	1.046e+000	3.708e+002	3.603e+001	1.025e+002	10698.1	5377.64
370	5	2.785e+003	-6.374e+002	1.046e+000	3.708e+002	3.603e+001	1.025e+002	10698.1	5377.64
371	1	6.087e+003	-6.171e+002	7.634e+001	8.017e+002	4.526e+001	1.985e+002	22928.7	11334.5
371	2	3.677e+003	-7.711e+002	9.999e+001	8.026e+002	4.693e+001	2.214e+002	21010.2	13681.5
371	3	2.829e+003	-5.932e+002	7.692e+001	6.174e+002	3.610e+001	1.703e+002	16162.4	10523.9
371	4	2.829e+003	-5.932e+002	7.692e+001	6.174e+002	3.610e+001	1.703e+002	16162.4	10523.9
371	5	2.829e+003	-5.932e+002	7.692e+001	6.174e+002	3.610e+001	1.703e+002	16162.4	10523.9
372	1	6.972e+003	-2.033e+003	3.711e+002	1.976e+003	3.096e+002	3.714e+002	46239.5	31439.9
372	2	5.551e+003	-2.403e+003	5.041e+002	1.911e+003	2.834e+002	3.799e+002	44189.9	31619.9
372	3	4.270e+003	-1.849e+003	3.877e+002	1.470e+003	2.180e+002	2.922e+002	33992.1	24322.5
372	4	4.270e+003	-1.849e+003	3.877e+002	1.470e+003	2.180e+002	2.922e+002	33992.1	24322.5
372	5	4.270e+003	-1.849e+003	3.877e+002	1.470e+003	2.180e+002	2.922e+002	33992.1	24322.5
373	1	6.355e+003	-6.786e+002	2.362e+002	1.320e+003	5.556e+001	2.667e+002	33714.4	20918.6
373	2	3.989e+003	-8.271e+002	2.574e+002	1.305e+003	5.540e+001	2.918e+002	31527.8	23080.3
373	3	3.068e+003	-6.362e+002	1.980e+002	1.004e+003	4.261e+001	2.244e+002	24253.9	17756.4
373	4	3.068e+003	-6.362e+002	1.980e+002	1.004e+003	4.261e+001	2.244e+002	24253.9	17756.4
373	5	3.068e+003	-6.362e+002	1.980e+002	1.004e+003	4.261e+001	2.244e+002	24253.9	17756.4

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
374	1	6.831e+003	-4.265e+002	3.780e+002	1.932e+003	8.324e+001	3.026e+002	45902	32021.6
374	2	4.530e+003	-5.651e+002	4.192e+002	1.837e+003	7.564e+001	3.188e+002	42156.7	32572.3
374	3	3.485e+003	-4.347e+002	3.224e+002	1.413e+003	5.819e+001	2.453e+002	32427.7	25054.6
374	4	3.485e+003	-4.347e+002	3.224e+002	1.413e+003	5.819e+001	2.453e+002	32427.7	25054.6
374	5	3.485e+003	-4.347e+002	3.224e+002	1.413e+003	5.819e+001	2.453e+002	32427.7	25054.6
375	1	1.401e+003	-1.835e+003	-2.150e+003	2.286e+002	-4.764e+001	4.979e+002	15443.9	21016
375	2	1.010e+003	-2.375e+003	-1.544e+003	2.216e+002	-1.123e+002	4.644e+002	15863.1	18921.1
375	3	7.767e+002	-1.827e+003	-1.188e+003	1.705e+002	-8.639e+001	3.572e+002	12201.4	14554.4
375	4	7.767e+002	-1.827e+003	-1.188e+003	1.705e+002	-8.639e+001	3.572e+002	12201.4	14554.4
375	5	7.767e+002	-1.827e+003	-1.188e+003	1.705e+002	-8.639e+001	3.572e+002	12201.4	14554.4
376	1	4.679e+003	-3.460e+003	-1.633e+003	1.341e+003	2.094e+002	3.422e+002	32198.9	24171.3
376	2	3.490e+003	-3.867e+003	-1.327e+003	1.326e+003	1.892e+002	2.995e+002	30899.3	23728.3
376	3	2.685e+003	-2.975e+003	-1.021e+003	1.020e+003	1.455e+002	2.304e+002	23769.6	18252.8
376	4	2.685e+003	-2.975e+003	-1.021e+003	1.020e+003	1.455e+002	2.304e+002	23769.6	18252.8
376	5	2.685e+003	-2.975e+003	-1.021e+003	1.020e+003	1.455e+002	2.304e+002	23769.6	18252.8
377	1	5.044e+003	-9.582e+002	6.269e+002	1.945e+003	1.039e+002	3.819e+002	45363.5	34311.2
377	2	2.928e+003	-1.085e+003	7.090e+002	1.842e+003	9.279e+001	3.468e+002	41241.3	33969.1
377	3	2.253e+003	-8.346e+002	5.454e+002	1.417e+003	7.138e+001	2.668e+002	31726.5	26131.2
377	4	2.253e+003	-8.346e+002	5.454e+002	1.417e+003	7.138e+001	2.668e+002	31726.5	26131.2
377	5	2.253e+003	-8.346e+002	5.454e+002	1.417e+003	7.138e+001	2.668e+002	31726.5	26131.2
378	1	4.831e+003	-1.125e+003	-1.930e+002	1.342e+003	5.132e+001	4.033e+002	34281.9	25177.9
378	2	2.895e+003	-1.266e+003	-7.725e+001	1.323e+003	4.872e+001	3.577e+002	31709.4	25538.9
378	3	2.227e+003	-9.741e+002	-5.942e+001	1.018e+003	3.748e+001	2.751e+002	24396.9	19649.5
378	4	2.227e+003	-9.741e+002	-5.942e+001	1.018e+003	3.748e+001	2.751e+002	24396.9	19649.5
378	5	2.227e+003	-9.741e+002	-5.942e+001	1.018e+003	3.748e+001	2.751e+002	24396.9	19649.5
379	1	1.690e+003	-1.263e+003	-1.754e+003	2.596e+002	-6.455e+001	4.289e+002	14403.1	18107.9
379	2	8.537e+002	-1.613e+003	-1.319e+003	2.635e+002	-8.457e+001	3.885e+002	13790.4	16240.3
379	3	6.567e+002	-1.241e+003	-1.015e+003	2.027e+002	-6.506e+001	2.989e+002	10609.2	12495
379	4	6.567e+002	-1.241e+003	-1.015e+003	2.027e+002	-6.506e+001	2.989e+002	10609.2	12495
379	5	6.567e+002	-1.241e+003	-1.015e+003	2.027e+002	-6.506e+001	2.989e+002	10609.2	12495
380	1	3.901e+003	-7.910e+002	-6.843e+002	7.614e+002	9.672e+000	4.309e+002	23628.8	19262.9
380	2	2.180e+003	-9.353e+002	-5.551e+002	7.750e+002	1.137e+001	3.863e+002	21738.5	19042.8
380	3	1.677e+003	-7.194e+002	-4.270e+002	5.962e+002	8.750e+000	2.971e+002	16721.6	14647.5
380	4	1.677e+003	-7.194e+002	-4.270e+002	5.962e+002	8.750e+000	2.971e+002	16721.6	14647.5
380	5	1.677e+003	-7.194e+002	-4.270e+002	5.962e+002	8.750e+000	2.971e+002	16721.6	14647.5
381	1	2.695e+003	-4.179e+002	-5.370e+002	2.822e+002	-2.915e+001	4.449e+002	16854.1	16487.1
381	2	1.225e+003	-5.553e+002	-3.861e+002	2.924e+002	-2.711e+001	4.049e+002	15282.5	15277.2
381	3	9.422e+002	-4.272e+002	-2.970e+002	2.249e+002	-2.085e+001	3.114e+002	11753.7	11749.6
381	4	9.422e+002	-4.272e+002	-2.970e+002	2.249e+002	-2.085e+001	3.114e+002	11753.7	11749.6
381	5	9.422e+002	-4.272e+002	-2.970e+002	2.249e+002	-2.085e+001	3.114e+002	11753.7	11749.6
382	1	-7.884e+001	-3.680e+003	8.847e+001	-1.898e+002	-4.959e+002	3.829e+002	17961.1	14065
382	2	-1.266e+002	-5.036e+003	3.365e+002	-1.972e+002	-6.082e+002	3.602e+002	20187.7	13272.4
382	3	-9.735e+001	-3.874e+003	2.588e+002	-1.517e+002	-4.679e+002	2.771e+002	15530.4	10210.7
382	4	-9.735e+001	-3.874e+003	2.588e+002	-1.517e+002	-4.679e+002	2.771e+002	15530.4	10210.7
382	5	-9.735e+001	-3.874e+003	2.588e+002	-1.517e+002	-4.679e+002	2.771e+002	15530.4	10210.7
383	1	2.362e+002	-1.805e+003	-3.024e+002	-3.435e+002	-2.756e+002	4.033e+002	15034.5	15622
383	2	-1.724e+002	-2.319e+003	2.217e+002	-3.211e+002	-3.017e+002	3.672e+002	15046.4	13368.5
383	3	-1.326e+002	-1.784e+003	1.706e+002	-2.470e+002	-2.321e+002	2.824e+002	11572.6	10281.5
383	4	-1.326e+002	-1.784e+003	1.706e+002	-2.470e+002	-2.321e+002	2.824e+002	11572.6	10281.5
383	5	-1.326e+002	-1.784e+003	1.706e+002	-2.470e+002	-2.321e+002	2.824e+002	11572.6	10281.5
384	1	2.316e+002	-6.279e+002	-1.183e+002	-1.010e+002	-5.553e+001	4.342e+002	14815.7	15258.7
384	2	-7.677e+002	-7.506e+002	8.896e+001	-8.260e+001	-5.557e+001	3.900e+002	13727.1	13266
384	3	-5.905e+002	-5.774e+002	6.843e+001	-6.354e+001	-4.274e+001	3.000e+002	10559.3	10204.6
384	4	-5.905e+002	-5.774e+002	6.843e+001	-6.354e+001	-4.274e+001	3.000e+002	10559.3	10204.6
384	5	-5.905e+002	-5.774e+002	6.843e+001	-6.354e+001	-4.274e+001	3.000e+002	10559.3	10204.6
385	1	-4.769e+001	-6.587e+002	1.329e+001	-3.553e+002	-9.504e+001	3.805e+002	14479.1	14587.1
385	2	-6.386e+002	-8.223e+002	2.243e+002	-3.165e+002	-9.292e+001	3.434e+002	13601.5	12539.9
385	3	-4.912e+002	-6.326e+002	1.725e+002	-2.435e+002	-7.148e+001	2.642e+002	10464.4	9647.89
385	4	-4.912e+002	-6.326e+002	1.725e+002	-2.435e+002	-7.148e+001	2.642e+002	10464.4	9647.89
385	5	-4.912e+002	-6.326e+002	1.725e+002	-2.435e+002	-7.148e+001	2.642e+002	10464.4	9647.89
386	1	3.743e+000	-2.203e+003	5.877e+001	-1.654e+002	-4.243e+002	3.232e+002	14637.6	12248.2
386	2	-4.795e+001	-2.896e+003	2.141e+002	-1.556e+002	-4.518e+002	2.980e+002	15026.5	11177.9
386	3	-3.688e+001	-2.228e+003	1.647e+002	-1.197e+002	-3.476e+002	2.293e+002	11561.6	8600.88
386	4	-3.688e+001	-2.228e+003	1.647e+002	-1.197e+002	-3.476e+002	2.293e+002	11561.6	8600.88
386	5	-3.688e+001	-2.228e+003	1.647e+002	-1.197e+002	-3.476e+002	2.293e+002	11561.6	8600.88
387	1	-6.739e+001	-6.815e+002	5.785e+001	-3.833e+002	-1.293e+002	3.041e+002	12478.7	12377.3
387	2	-3.012e+002	-8.815e+002	2.150e+002	-3.449e+002	-1.259e+002	2.770e+002	11665.4	10882.3

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
387	3	-2.317e+002	-6.781e+002	1.654e+002	-2.653e+002	-9.684e+001	2.131e+002	8973.98	8371.54
387	4	-2.317e+002	-6.781e+002	1.654e+002	-2.653e+002	-9.684e+001	2.131e+002	8973.98	8371.54
387	5	-2.317e+002	-6.781e+002	1.654e+002	-2.653e+002	-9.684e+001	2.131e+002	8973.98	8371.54
388	1	3.613e+000	-7.282e+002	4.851e+001	-1.770e+002	-1.713e+002	2.119e+002	8311.33	7866.01
388	2	-3.338e+001	-9.242e+002	9.041e+001	-1.576e+002	-1.657e+002	1.931e+002	7779.44	7056.52
388	3	-2.567e+001	-7.109e+002	6.955e+001	-1.213e+002	-1.274e+002	1.485e+002	5982.8	5427.11
388	4	-2.567e+001	-7.109e+002	6.955e+001	-1.213e+002	-1.274e+002	1.485e+002	5982.8	5427.11
388	5	-2.567e+001	-7.109e+002	6.955e+001	-1.213e+002	-1.274e+002	1.485e+002	5982.8	5427.11
389	1	-2.500e+003	-1.081e+004	-2.093e+002	-2.077e+002	-8.285e+002	-5.932e-001	16805.1	2829.62
389	2	-3.179e+003	-1.354e+004	-2.086e+002	-2.494e+002	-9.945e+002	-8.252e-002	20668	3882.07
389	3	-2.446e+003	-1.041e+004	-1.605e+002	-1.919e+002	-7.650e+002	-6.348e-002	15892.9	2980.91
389	4	-2.446e+003	-1.041e+004	-1.605e+002	-1.919e+002	-7.650e+002	-6.348e-002	15892.9	2980.91
389	5	-2.446e+003	-1.041e+004	-1.605e+002	-1.919e+002	-7.650e+002	-6.348e-002	15892.9	2980.91
390	1	-1.853e+003	-9.809e+003	-5.083e+002	-5.063e+002	-2.032e+003	2.073e+000	26204.1	8238.01
390	2	-2.461e+003	-1.227e+004	-5.094e+002	-6.120e+002	-2.452e+003	3.196e+000	31967.8	9558.09
390	3	-1.893e+003	-9.441e+003	-3.918e+002	-4.708e+002	-1.886e+003	2.458e+000	24591.6	7348.51
390	4	-1.893e+003	-9.441e+003	-3.918e+002	-4.708e+002	-1.886e+003	2.458e+000	24591.6	7348.51
390	5	-1.893e+003	-9.441e+003	-3.918e+002	-4.708e+002	-1.886e+003	2.458e+000	24591.6	7348.51
391	1	-1.198e+003	-8.814e+003	-6.261e+002	-6.432e+002	-2.598e+003	-5.550e+000	30234.7	13813
391	2	-1.730e+003	-1.102e+004	-6.258e+002	-7.867e+002	-3.166e+003	-4.501e+000	37016.7	16606.8
391	3	-1.331e+003	-8.476e+003	-4.814e+002	-6.051e+002	-2.435e+003	-3.462e+000	28470.1	12772
391	4	-1.331e+003	-8.476e+003	-4.814e+002	-6.051e+002	-2.435e+003	-3.462e+000	28470.1	12772
391	5	-1.331e+003	-8.476e+003	-4.814e+002	-6.051e+002	-2.435e+003	-3.462e+000	28470.1	12772
392	1	-1.245e+003	-8.821e+003	-4.758e+002	-6.431e+002	-2.599e+003	5.930e+000	30222.4	13820.4
392	2	-1.781e+003	-1.102e+004	-4.747e+002	-7.864e+002	-3.167e+003	6.649e+000	37000.1	16623
392	3	-1.370e+003	-8.476e+003	-3.652e+002	-6.049e+002	-2.436e+003	5.114e+000	28459.4	12786.5
392	4	-1.370e+003	-8.476e+003	-3.652e+002	-6.049e+002	-2.436e+003	5.114e+000	28459.4	12786.5
392	5	-1.370e+003	-8.476e+003	-3.652e+002	-6.049e+002	-2.436e+003	5.114e+000	28459.4	12786.5
393	1	-1.891e+003	-9.826e+003	-2.017e+002	-5.099e+002	-2.031e+003	-1.757e+000	26179.2	8169.24
393	2	-2.500e+003	-1.228e+004	-2.008e+002	-6.155e+002	-2.451e+003	-1.322e+000	31938.6	9500.79
393	3	-1.923e+003	-9.448e+003	-1.544e+002	-4.735e+002	-1.885e+003	-1.017e+000	24566.4	7303
393	4	-1.923e+003	-9.448e+003	-1.544e+002	-4.735e+002	-1.885e+003	-1.017e+000	24566.4	7303
393	5	-1.923e+003	-9.448e+003	-1.544e+002	-4.735e+002	-1.885e+003	-1.017e+000	24566.4	7303
394	1	-1.278e+003	-8.827e+003	-3.307e+002	-6.558e+002	-2.594e+003	5.811e+000	30130.9	13737.2
394	2	-1.816e+003	-1.102e+004	-3.292e+002	-7.990e+002	-3.163e+003	6.285e+000	36913.5	16556.3
394	3	-1.397e+003	-8.476e+003	-2.533e+002	-6.146e+002	-2.433e+003	4.835e+000	28393.4	12735.8
394	4	-1.397e+003	-8.476e+003	-2.533e+002	-6.146e+002	-2.433e+003	4.835e+000	28393.4	12735.8
394	5	-1.397e+003	-8.476e+003	-2.533e+002	-6.146e+002	-2.433e+003	4.835e+000	28393.4	12735.8
395	1	-1.300e+003	-8.830e+003	-1.891e+002	-6.558e+002	-2.594e+003	-5.681e+000	30126.3	13724.8
395	2	-1.839e+003	-1.102e+004	-1.875e+002	-7.990e+002	-3.163e+003	-5.383e+000	36906	16549.4
395	3	-1.414e+003	-8.476e+003	-1.443e+002	-6.146e+002	-2.433e+003	-4.141e+000	28387.8	12730.4
395	4	-1.414e+003	-8.476e+003	-1.443e+002	-6.146e+002	-2.433e+003	-4.141e+000	28387.8	12730.4
395	5	-1.414e+003	-8.476e+003	-1.443e+002	-6.146e+002	-2.433e+003	-4.141e+000	28387.8	12730.4
396	1	-4.316e+002	-7.815e+003	-8.563e+002	-6.671e+002	-2.573e+003	1.696e+001	29199.3	14420.9
396	2	-8.768e+002	-9.770e+003	-8.498e+002	-8.265e+002	-3.199e+003	1.742e+001	36246	17894.8
396	3	-6.744e+002	-7.516e+003	-6.537e+002	-6.358e+002	-2.461e+003	1.340e+001	27884.2	13766.6
396	4	-6.744e+002	-7.516e+003	-6.537e+002	-6.358e+002	-2.461e+003	1.340e+001	27884.2	13766.6
396	5	-6.744e+002	-7.516e+003	-6.537e+002	-6.358e+002	-2.461e+003	1.340e+001	27884.2	13766.6
397	1	4.542e+002	-6.826e+003	-1.014e+003	-4.469e+002	-2.047e+003	-4.862e+001	24497.2	10861.1
397	2	1.061e+002	-8.539e+003	-9.888e+002	-6.047e+002	-2.659e+003	-5.031e+001	31164.4	14426
397	3	8.161e+001	-6.569e+003	-7.606e+002	-4.651e+002	-2.046e+003	-3.870e+001	23979	11101.9
397	4	8.161e+001	-6.569e+003	-7.606e+002	-4.651e+002	-2.046e+003	-3.870e+001	23979	11101.9
397	5	8.161e+001	-6.569e+003	-7.606e+002	-4.651e+002	-2.046e+003	-3.870e+001	23979	11101.9
398	1	1.221e+003	-5.824e+003	-9.456e+002	-4.463e+002	-1.037e+003	-9.146e+001	14633.6	4833.55
398	2	9.489e+002	-7.279e+003	-8.933e+002	-5.870e+002	-1.583e+003	-9.722e+001	20470.8	7072.48
398	3	7.299e+002	-5.599e+003	-6.872e+002	-4.515e+002	-1.218e+003	-7.478e+001	15749.4	5442.13
398	4	7.299e+002	-5.599e+003	-6.872e+002	-4.515e+002	-1.218e+003	-7.478e+001	15749.4	5442.13
398	5	7.299e+002	-5.599e+003	-6.872e+002	-4.515e+002	-1.218e+003	-7.478e+001	15749.4	5442.13
399	1	1.013e+003	-5.811e+003	-8.351e+002	-7.212e+001	-1.021e+003	-1.045e+002	15868.5	3272.22
399	2	7.234e+002	-7.249e+003	-7.936e+002	-2.139e+002	-1.572e+003	-1.088e+002	21604	6575.96
399	3	5.565e+002	-5.576e+003	-6.105e+002	-1.646e+002	-1.209e+003	-8.372e+001	16616	5056.49
399	4	5.565e+002	-5.576e+003	-6.105e+002	-1.646e+002	-1.209e+003	-8.372e+001	16616	5056.49
399	5	5.565e+002	-5.576e+003	-6.105e+002	-1.646e+002	-1.209e+003	-8.372e+001	16616	5056.49
400	1	1.536e+002	-6.814e+003	-7.455e+002	-5.757e+002	-2.028e+003	4.376e+001	23652	10766.2
400	2	-2.223e+002	-8.500e+003	-7.293e+002	-7.328e+002	-2.646e+003	4.256e+001	30392.7	14335.5
400	3	-1.710e+002	-6.538e+003	-5.610e+002	-5.637e+002	-2.035e+003	3.274e+001	23375	11024.4
400	4	-1.710e+002	-6.538e+003	-5.610e+002	-5.637e+002	-2.035e+003	3.274e+001	23375	11024.4

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
400	5	-1.710e+002	-6.538e+003	-5.610e+002	-5.637e+002	-2.035e+003	3.274e+001	23375	11024.4
401	1	8.384e+002	-5.799e+003	-7.279e+002	-7.182e+001	-1.022e+003	1.015e+002	15468.3	4397.13
401	2	5.366e+002	-7.223e+003	-6.957e+002	-2.137e+002	-1.576e+003	9.761e+001	21305.9	7217.07
401	3	4.127e+002	-5.557e+003	-5.352e+002	-1.644e+002	-1.212e+003	7.508e+001	16387	5548.33
401	4	4.127e+002	-5.557e+003	-5.352e+002	-1.644e+002	-1.212e+003	7.508e+001	16387	5548.33
401	5	4.127e+002	-5.557e+003	-5.352e+002	-1.644e+002	-1.212e+003	7.508e+001	16387	5548.33
402	1	6.938e+002	-5.790e+003	-6.236e+002	-4.455e+002	-1.038e+003	8.785e+001	14110.3	5132.41
402	2	3.829e+002	-7.202e+003	-5.990e+002	-5.863e+002	-1.595e+003	8.489e+001	20095.3	7410.29
402	3	2.946e+002	-5.540e+003	-4.608e+002	-4.510e+002	-1.227e+003	6.530e+001	15458.7	5700.72
402	4	2.946e+002	-5.540e+003	-4.608e+002	-4.510e+002	-1.227e+003	6.530e+001	15458.7	5700.72
402	5	2.946e+002	-5.540e+003	-4.608e+002	-4.510e+002	-1.227e+003	6.530e+001	15458.7	5700.72
403	1	-7.314e+002	-7.824e+003	-1.723e+002	-6.663e+002	-2.574e+003	-1.689e+001	29106.3	14366.9
403	2	-1.200e+003	-9.745e+003	-1.698e+002	-8.251e+002	-3.205e+003	-1.677e+001	36166.3	17949.9
403	3	-9.228e+002	-7.496e+003	-1.307e+002	-6.347e+002	-2.466e+003	-1.290e+001	27825.8	13813.1
403	4	-9.228e+002	-7.496e+003	-1.307e+002	-6.347e+002	-2.466e+003	-1.290e+001	27825.8	13813.1
403	5	-9.228e+002	-7.496e+003	-1.307e+002	-6.347e+002	-2.466e+003	-1.290e+001	27825.8	13813.1
404	1	-1.109e+002	-6.806e+003	-3.810e+002	-4.452e+002	-2.050e+003	4.742e+001	24169.2	11054.3
404	2	-5.045e+002	-8.466e+003	-3.739e+002	-6.024e+002	-2.671e+003	4.685e+001	30893.7	14761.7
404	3	-3.881e+002	-6.512e+003	-2.876e+002	-4.634e+002	-2.055e+003	3.604e+001	23767.6	11358.9
404	4	-3.881e+002	-6.512e+003	-2.876e+002	-4.634e+002	-2.055e+003	3.604e+001	23767.6	11358.9
404	5	-3.881e+002	-6.512e+003	-2.876e+002	-4.634e+002	-2.055e+003	3.604e+001	23767.6	11358.9
405	1	4.807e+002	-5.777e+003	-4.216e+002	-7.115e+001	-1.023e+003	-1.031e+002	15463.4	3517.8
405	2	1.594e+002	-7.173e+003	-4.081e+002	-2.130e+002	-1.583e+003	-1.043e+002	21290.6	6919.7
405	3	1.226e+002	-5.517e+003	-3.140e+002	-1.639e+002	-1.217e+003	-8.024e+001	16370.1	5317.21
405	4	1.226e+002	-5.517e+003	-3.140e+002	-1.639e+002	-1.217e+003	-8.024e+001	16370.1	5317.21
405	5	1.226e+002	-5.517e+003	-3.140e+002	-1.639e+002	-1.217e+003	-8.024e+001	16370.1	5317.21
406	1	4.076e+002	-5.774e+003	-3.232e+002	-7.104e+001	-1.023e+003	1.024e+002	15276.9	4069.58
406	2	8.362e+001	-7.163e+003	-3.136e+002	-2.129e+002	-1.584e+003	1.010e+002	21150.3	7224.63
406	3	6.433e+001	-5.510e+003	-2.412e+002	-1.638e+002	-1.218e+003	7.772e+001	16265.1	5553.48
406	4	6.433e+001	-5.510e+003	-2.412e+002	-1.638e+002	-1.218e+003	7.772e+001	16265.1	5553.48
406	5	6.433e+001	-5.510e+003	-2.412e+002	-1.638e+002	-1.218e+003	7.772e+001	16265.1	5553.48
407	1	-1.901e+002	-6.804e+003	-1.522e+002	-5.750e+002	-2.029e+003	-4.420e+001	23557.5	10629.6
407	2	-5.876e+002	-8.456e+003	-1.488e+002	-7.317e+002	-2.652e+003	-4.423e+001	30305.2	14346.5
407	3	-4.520e+002	-6.505e+003	-1.144e+002	-5.628e+002	-2.040e+003	-3.402e+001	23312.2	11035.5
407	4	-4.520e+002	-6.505e+003	-1.144e+002	-5.628e+002	-2.040e+003	-3.402e+001	23312.2	11035.5
407	5	-4.520e+002	-6.505e+003	-1.144e+002	-5.628e+002	-2.040e+003	-3.402e+001	23312.2	11035.5
408	1	3.547e+002	-5.771e+003	-2.259e+002	-4.449e+002	-1.039e+003	8.856e+001	14038.3	4649.79
408	2	2.898e+001	-7.156e+003	-2.193e+002	-5.857e+002	-1.601e+003	8.758e+001	20028.9	7214.02
408	3	2.229e+001	-5.505e+003	-1.687e+002	-4.506e+002	-1.231e+003	6.737e+001	15402.2	5545.54
408	4	2.229e+001	-5.505e+003	-1.687e+002	-4.506e+002	-1.231e+003	6.737e+001	15402.2	5545.54
408	5	2.229e+001	-5.505e+003	-1.687e+002	-4.506e+002	-1.231e+003	6.737e+001	15402.2	5545.54
409	1	3.208e+002	-5.770e+003	-1.296e+002	-4.450e+002	-1.039e+003	-8.874e+001	14087.3	4426.18
409	2	-5.862e+000	-7.152e+003	-1.254e+002	-5.857e+002	-1.601e+003	-8.889e+001	20057	7087.29
409	3	-4.509e+000	-5.502e+003	-9.643e+001	-4.506e+002	-1.232e+003	-6.837e+001	15432.9	5454.67
409	4	-4.509e+000	-5.502e+003	-9.643e+001	-4.506e+002	-1.232e+003	-6.837e+001	15432.9	5454.67
409	5	-4.509e+000	-5.502e+003	-9.643e+001	-4.506e+002	-1.232e+003	-6.837e+001	15432.9	5454.67
410	1	-2.444e+003	-1.074e+004	-8.750e+002	-2.078e+002	-8.283e+002	8.171e-002	16815.2	428.63
410	2	-3.123e+003	-1.348e+004	-8.834e+002	-2.496e+002	-9.938e+002	2.617e+000	20669.2	4142.22
410	3	-2.402e+003	-1.037e+004	-6.796e+002	-1.920e+002	-7.645e+002	2.013e+000	15900.6	3186.83
410	4	-2.402e+003	-1.037e+004	-6.796e+002	-1.920e+002	-7.645e+002	2.013e+000	15900.6	3186.83
410	5	-2.402e+003	-1.037e+004	-6.796e+002	-1.920e+002	-7.645e+002	2.013e+000	15900.6	3186.83
411	1	-1.778e+003	-9.778e+003	-8.402e+002	-5.102e+002	-2.031e+003	-1.210e+000	26204.1	8309.79
411	2	-2.380e+003	-1.226e+004	-8.463e+002	-6.161e+002	-2.449e+003	9.372e-001	31965.3	9584.78
411	3	-1.831e+003	-9.428e+003	-6.510e+002	-4.739e+002	-1.884e+003	7.209e-001	24587.4	7376.96
411	4	-1.831e+003	-9.428e+003	-6.510e+002	-4.739e+002	-1.884e+003	7.209e-001	24587.4	7376.96
411	5	-1.831e+003	-9.428e+003	-6.510e+002	-4.739e+002	-1.884e+003	7.209e-001	24587.4	7376.96
412	1	-1.137e+003	-8.805e+003	-7.836e+002	-6.562e+002	-2.594e+003	-5.366e+000	30182.1	13770.9
412	2	-1.664e+003	-1.102e+004	-7.845e+002	-7.998e+002	-3.160e+003	-3.949e+000	36953.9	16532.2
412	3	-1.280e+003	-8.475e+003	-6.034e+002	-6.152e+002	-2.431e+003	-3.038e+000	28426.4	12721
412	4	-1.280e+003	-8.475e+003	-6.034e+002	-6.152e+002	-2.431e+003	-3.038e+000	28426.4	12721
412	5	-1.280e+003	-8.475e+003	-6.034e+002	-6.152e+002	-2.431e+003	-3.038e+000	28426.4	12721
413	1	8.300e+002	-4.642e+003	-1.034e+002	-2.928e+002	3.420e+002	-7.040e+001	2174.28	10166.7
413	2	5.794e+002	-5.735e+003	-9.881e+001	-4.062e+002	-1.147e+002	-7.084e+001	6046.7	7897.23
413	3	4.457e+002	-4.412e+003	-7.601e+001	-3.125e+002	-8.821e+001	-5.450e+001	4651.56	6075.69
413	4	4.457e+002	-4.412e+003	-7.601e+001	-3.125e+002	-8.821e+001	-5.450e+001	4651.56	6075.69
413	5	4.457e+002	-4.412e+003	-7.601e+001	-3.125e+002	-8.821e+001	-5.450e+001	4651.56	6075.69
414	1	1.726e+003	-3.438e+003	-3.390e+002	-2.097e+002	8.713e+002	-3.394e+001	4986.51	13827.2

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
414	2	1.552e+003	-4.240e+003	-3.079e+002	-2.864e+002	5.552e+002	-3.945e+001	2164.78	12132.2
414	3	1.194e+003	-3.261e+003	-2.369e+002	-2.203e+002	4.271e+002	-3.035e+001	1665.66	9332.21
414	4	1.194e+003	-3.261e+003	-2.369e+002	-2.203e+002	4.271e+002	-3.035e+001	1665.66	9332.21
414	5	1.194e+003	-3.261e+003	-2.369e+002	-2.203e+002	4.271e+002	-3.035e+001	1665.66	9332.21
415	1	1.330e+003	-3.419e+003	-7.413e+001	-2.096e+002	8.711e+002	3.244e+001	5110.38	13553.1
415	2	1.162e+003	-4.203e+003	-6.982e+001	-2.878e+002	5.517e+002	3.150e+001	2222.69	11806.1
415	3	8.935e+002	-3.233e+003	-5.371e+001	-2.214e+002	4.244e+002	2.423e+001	1710.37	9081.54
415	4	8.935e+002	-3.233e+003	-5.371e+001	-2.214e+002	4.244e+002	2.423e+001	1710.37	9081.54
415	5	8.935e+002	-3.233e+003	-5.371e+001	-2.214e+002	4.244e+002	2.423e+001	1710.37	9081.54
416	1	1.097e+003	-4.657e+003	-4.101e+002	-2.930e+002	3.426e+002	-7.119e+001	2430.9	10350.9
416	2	8.503e+002	-5.767e+003	-3.880e+002	-4.060e+002	-1.110e+002	-7.421e+001	6203.37	8143.39
416	3	6.540e+002	-4.436e+003	-2.984e+002	-3.123e+002	-8.542e+001	-5.709e+001	4771.97	6263.61
416	4	6.540e+002	-4.436e+003	-2.984e+002	-3.123e+002	-8.542e+001	-5.709e+001	4771.97	6263.61
416	5	6.540e+002	-4.436e+003	-2.984e+002	-3.123e+002	-8.542e+001	-5.709e+001	4771.97	6263.61
417	1	-2.331e+003	-1.059e+004	1.560e+003	-2.074e+002	-8.279e+002	-2.785e+000	16842.1	3821.42
417	2	-3.003e+003	-1.335e+004	1.600e+003	-2.494e+002	-9.921e+002	-8.606e+000	20676.9	4755.94
417	3	-2.310e+003	-1.027e+004	1.231e+003	-1.919e+002	-7.632e+002	-6.620e+000	15906.4	3659.06
417	4	-2.310e+003	-1.027e+004	1.231e+003	-1.919e+002	-7.632e+002	-6.620e+000	15906.4	3659.06
417	5	-2.310e+003	-1.027e+004	1.231e+003	-1.919e+002	-7.632e+002	-6.620e+000	15906.4	3659.06
418	1	-1.709e+003	-9.747e+003	1.073e+003	-5.106e+002	-2.030e+003	-3.055e+000	26205.3	8410.45
418	2	-2.304e+003	-1.223e+004	1.088e+003	-6.166e+002	-2.447e+003	-5.923e+000	31956.1	9669.05
418	3	-1.773e+003	-9.410e+003	8.369e+002	-4.743e+002	-1.882e+003	-4.556e+000	24580.8	7433.05
418	4	-1.773e+003	-9.410e+003	8.369e+002	-4.743e+002	-1.882e+003	-4.556e+000	24580.8	7433.05
418	5	-1.773e+003	-9.410e+003	8.369e+002	-4.743e+002	-1.882e+003	-4.556e+000	24580.8	7433.05
419	1	-1.120e+003	-8.799e+003	8.293e+002	-6.563e+002	-2.593e+003	5.215e+000	30175.8	13772
419	2	-1.645e+003	-1.101e+004	8.339e+002	-7.999e+002	-3.160e+003	3.786e+000	36952.9	16544.7
419	3	-1.265e+003	-8.470e+003	6.415e+002	-6.153e+002	-2.431e+003	2.913e+000	28428.3	12728
419	4	-1.265e+003	-8.470e+003	6.415e+002	-6.153e+002	-2.431e+003	2.913e+000	28428.3	12728
419	5	-1.265e+003	-8.470e+003	6.415e+002	-6.153e+002	-2.431e+003	2.913e+000	28428.3	12728
420	1	-1.038e+003	-8.787e+003	9.984e+002	-6.566e+002	-2.593e+003	-6.449e+000	30193.9	13822.4
420	2	-1.555e+003	-1.101e+004	1.005e+003	-8.004e+002	-3.158e+003	-8.310e+000	36964.7	16556
420	3	-1.196e+003	-8.469e+003	7.734e+002	-6.157e+002	-2.429e+003	-6.393e+000	28432.1	12733.6
420	4	-1.196e+003	-8.469e+003	7.734e+002	-6.157e+002	-2.429e+003	-6.393e+000	28432.1	12733.6
420	5	-1.196e+003	-8.469e+003	7.734e+002	-6.157e+002	-2.429e+003	-6.393e+000	28432.1	12733.6
421	1	-1.549e+003	-9.684e+003	1.490e+003	-5.080e+002	-2.030e+003	-8.895e-001	26263.1	8625.27
421	2	-2.127e+003	-1.219e+004	1.521e+003	-6.144e+002	-2.445e+003	-5.820e+000	32008.9	9840.23
421	3	-1.636e+003	-9.377e+003	1.170e+003	-4.726e+002	-1.881e+003	-4.477e+000	24624.5	7571.29
421	4	-1.636e+003	-9.377e+003	1.170e+003	-4.726e+002	-1.881e+003	-4.477e+000	24624.5	7571.29
421	5	-1.636e+003	-9.377e+003	1.170e+003	-4.726e+002	-1.881e+003	-4.477e+000	24624.5	7571.29
422	1	-9.362e+002	-8.774e+003	1.180e+003	-6.444e+002	-2.596e+003	-6.817e+000	30294.5	13909.5
422	2	-1.442e+003	-1.101e+004	1.190e+003	-7.885e+002	-3.160e+003	-9.269e+000	37066.4	16614.8
422	3	-1.109e+003	-8.467e+003	9.157e+002	-6.065e+002	-2.431e+003	-7.130e+000	28512.8	12784.8
422	4	-1.109e+003	-8.467e+003	9.157e+002	-6.065e+002	-2.431e+003	-7.130e+000	28512.8	12784.8
422	5	-1.109e+003	-8.467e+003	9.157e+002	-6.065e+002	-2.431e+003	-7.130e+000	28512.8	12784.8
423	1	-8.111e+002	-8.757e+003	1.376e+003	-6.454e+002	-2.595e+003	4.329e+000	30343.2	13916.8
423	2	-1.301e+003	-1.100e+004	1.392e+003	-7.897e+002	-3.156e+003	1.087e+000	37090.7	16584.1
423	3	-1.001e+003	-8.465e+003	1.071e+003	-6.075e+002	-2.428e+003	8.364e-001	28537.3	12756.5
423	4	-1.001e+003	-8.465e+003	1.071e+003	-6.075e+002	-2.428e+003	8.364e-001	28537.3	12756.5
423	5	-1.001e+003	-8.465e+003	1.071e+003	-6.075e+002	-2.428e+003	8.364e-001	28537.3	12756.5
424	1	-6.497e+002	-7.818e+003	4.714e+002	-6.244e+002	-2.585e+003	-1.747e+001	29351	14572.5
424	2	-1.113e+003	-9.748e+003	4.705e+002	-7.835e+002	-3.215e+003	-1.762e+001	36407.9	18133.4
424	3	-8.560e+002	-7.498e+003	3.619e+002	-6.027e+002	-2.473e+003	-1.355e+001	28004.9	13948.5
424	4	-8.560e+002	-7.498e+003	3.619e+002	-6.027e+002	-2.473e+003	-1.355e+001	28004.9	13948.5
424	5	-8.560e+002	-7.498e+003	3.619e+002	-6.027e+002	-2.473e+003	-1.355e+001	28004.9	13948.5
425	1	-1.836e+002	-6.804e+003	1.855e+002	-5.750e+002	-2.029e+003	4.424e+001	23562	10626.8
425	2	-5.805e+002	-8.456e+003	1.847e+002	-7.317e+002	-2.652e+003	4.428e+001	30309.4	14343.7
425	3	-4.466e+002	-6.504e+003	1.421e+002	-5.628e+002	-2.040e+003	3.406e+001	23314.5	11034.2
425	4	-4.466e+002	-6.504e+003	1.421e+002	-5.628e+002	-2.040e+003	3.406e+001	23314.5	11034.2
425	5	-4.466e+002	-6.504e+003	1.421e+002	-5.628e+002	-2.040e+003	3.406e+001	23314.5	11034.2
426	1	3.077e+002	-5.769e+003	6.222e+001	-7.109e+001	-1.023e+003	1.027e+002	15286.9	3776.79
426	2	-1.913e+001	-7.150e+003	6.240e+001	-2.130e+002	-1.585e+003	1.026e+002	21148.4	7108.16
426	3	-1.471e+001	-5.500e+003	4.800e+001	-1.638e+002	-1.219e+003	7.891e+001	16266	5465.83
426	4	-1.471e+001	-5.500e+003	4.800e+001	-1.638e+002	-1.219e+003	7.891e+001	16266	5465.83
426	5	-1.471e+001	-5.500e+003	4.800e+001	-1.638e+002	-1.219e+003	7.891e+001	16266	5465.83
427	1	3.281e+002	-5.769e+003	1.583e+002	-4.450e+002	-1.039e+003	8.884e+001	14094.5	4417.75
427	2	2.086e+000	-7.151e+003	1.565e+002	-5.857e+002	-1.601e+003	8.900e+001	20062.9	7080.94
427	3	1.605e+000	-5.501e+003	1.204e+002	-4.506e+002	-1.232e+003	6.846e+001	15437.3	5449.95

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
427	4	1.605e+000	-5.501e+003	1.204e+002	-4.506e+002	-1.232e+003	6.846e+001	15437.3	5449.95
427	5	1.605e+000	-5.501e+003	1.204e+002	-4.506e+002	-1.232e+003	6.846e+001	15437.3	5449.95
428	1	-9.532e+001	-6.804e+003	4.155e+002	-4.453e+002	-2.049e+003	-4.736e+001	24163.1	11051.9
428	2	-4.877e+002	-8.464e+003	4.112e+002	-6.024e+002	-2.671e+003	-4.679e+001	30897.3	14766.3
428	3	-3.752e+002	-6.511e+003	3.163e+002	-4.634e+002	-2.055e+003	-3.599e+001	23770.9	11361.8
428	4	-3.752e+002	-6.511e+003	3.163e+002	-4.634e+002	-2.055e+003	-3.599e+001	23770.9	11361.8
428	5	-3.752e+002	-6.511e+003	3.163e+002	-4.634e+002	-2.055e+003	-3.599e+001	23770.9	11361.8
429	1	3.671e+002	-5.771e+003	2.551e+002	-4.450e+002	-1.039e+003	-8.844e+001	14037.7	4676.41
429	2	4.235e+001	-7.155e+003	2.508e+002	-5.857e+002	-1.601e+003	-8.746e+001	20028.8	7231
429	3	3.257e+001	-5.504e+003	1.929e+002	-4.506e+002	-1.231e+003	-6.727e+001	15401.9	5558.74
429	4	3.257e+001	-5.504e+003	1.929e+002	-4.506e+002	-1.231e+003	-6.727e+001	15401.9	5558.74
429	5	3.257e+001	-5.504e+003	1.929e+002	-4.506e+002	-1.231e+003	-6.727e+001	15401.9	5558.74
430	1	4.252e+002	-5.773e+003	3.529e+002	-7.104e+001	-1.023e+003	-1.023e+002	15280.8	4094.25
430	2	1.026e+002	-7.162e+003	3.456e+002	-2.129e+002	-1.583e+003	-1.009e+002	21145.3	7228.79
430	3	7.892e+001	-5.509e+003	2.659e+002	-1.638e+002	-1.218e+003	-7.760e+001	16268.1	5563.35
430	4	7.892e+001	-5.509e+003	2.659e+002	-1.638e+002	-1.218e+003	-7.760e+001	16268.1	5563.35
430	5	7.892e+001	-5.509e+003	2.659e+002	-1.638e+002	-1.218e+003	-7.760e+001	16268.1	5563.35
431	1	-1.262e+002	-7.805e+003	1.228e+003	-6.267e+002	-2.582e+003	1.741e+001	29570.7	14531.4
431	2	-5.388e+002	-9.788e+003	1.226e+003	-7.867e+002	-3.203e+003	1.647e+001	36586.4	17929.7
431	3	-4.144e+002	-7.529e+003	9.430e+002	-6.052e+002	-2.464e+003	1.267e+001	28144.4	13793.5
431	4	-4.144e+002	-7.529e+003	9.430e+002	-6.052e+002	-2.464e+003	1.267e+001	28144.4	13793.5
431	5	-4.144e+002	-7.529e+003	9.430e+002	-6.052e+002	-2.464e+003	1.267e+001	28144.4	13793.5
432	1	1.850e+002	-6.811e+003	7.838e+002	-5.758e+002	-2.027e+003	-4.364e+001	23651.5	10771.2
432	2	-1.884e+002	-8.497e+003	7.707e+002	-7.329e+002	-2.645e+003	-4.243e+001	30392.4	14335.7
432	3	-1.449e+002	-6.536e+003	5.928e+002	-5.637e+002	-2.034e+003	-3.264e+001	23373.2	11022.5
432	4	-1.449e+002	-6.536e+003	5.928e+002	-5.637e+002	-2.034e+003	-3.264e+001	23373.2	11022.5
432	5	-1.449e+002	-6.536e+003	5.928e+002	-5.637e+002	-2.034e+003	-3.264e+001	23373.2	11022.5
433	1	6.041e+002	-5.781e+003	5.529e+002	-4.453e+002	-1.038e+003	8.954e+001	14276.1	4450.86
433	2	2.894e+002	-7.184e+003	5.371e+002	-5.861e+002	-1.597e+003	9.133e+001	20210.7	7026.12
433	3	2.226e+002	-5.526e+003	4.131e+002	-4.508e+002	-1.228e+003	7.025e+001	15542.5	5401.69
433	4	2.226e+002	-5.526e+003	4.131e+002	-4.508e+002	-1.228e+003	7.025e+001	15542.5	5401.69
433	5	2.226e+002	-5.526e+003	4.131e+002	-4.508e+002	-1.228e+003	7.025e+001	15542.5	5401.69
434	1	7.287e+002	-5.789e+003	6.559e+002	-4.455e+002	-1.038e+003	-8.756e+001	14118.6	5177.62
434	2	4.207e+002	-7.201e+003	6.340e+002	-5.863e+002	-1.594e+003	-8.458e+001	20095.4	7433.49
434	3	3.236e+002	-5.539e+003	4.877e+002	-4.510e+002	-1.226e+003	-6.506e+001	15456.4	5717.28
434	4	3.236e+002	-5.539e+003	4.877e+002	-4.510e+002	-1.226e+003	-6.506e+001	15456.4	5717.28
434	5	3.236e+002	-5.539e+003	4.877e+002	-4.510e+002	-1.226e+003	-6.506e+001	15456.4	5717.28
435	1	4.989e+002	-6.823e+003	1.056e+003	-4.471e+002	-2.046e+003	4.883e+001	24509.3	10855.2
435	2	1.544e+002	-8.537e+003	1.034e+003	-6.049e+002	-2.658e+003	5.054e+001	31176.6	14415.6
435	3	1.188e+002	-6.567e+003	7.957e+002	-4.653e+002	-2.044e+003	3.888e+001	23976.5	11083.5
435	4	1.188e+002	-6.567e+003	7.957e+002	-4.653e+002	-2.044e+003	3.888e+001	23976.5	11083.5
435	5	1.188e+002	-6.567e+003	7.957e+002	-4.653e+002	-2.044e+003	3.888e+001	23976.5	11083.5
436	1	8.802e+002	-5.798e+003	7.614e+002	-7.185e+001	-1.021e+003	-1.011e+002	15477.6	4422.31
436	2	5.817e+002	-7.223e+003	7.319e+002	-2.137e+002	-1.575e+003	-9.720e+001	21315.6	7223.24
436	3	4.474e+002	-5.556e+003	5.630e+002	-1.644e+002	-1.211e+003	-7.477e+001	16391.3	5552.1
436	4	4.474e+002	-5.556e+003	5.630e+002	-1.644e+002	-1.211e+003	-7.477e+001	16391.3	5552.1
436	5	4.474e+002	-5.556e+003	5.630e+002	-1.644e+002	-1.211e+003	-7.477e+001	16391.3	5552.1
437	1	1.062e+003	-5.810e+003	8.700e+002	-7.217e+001	-1.020e+003	1.050e+002	15896.6	3258.7
437	2	7.766e+002	-7.249e+003	8.313e+002	-2.140e+002	-1.571e+003	1.094e+002	21629.3	6556.03
437	3	5.974e+002	-5.576e+003	6.395e+002	-1.646e+002	-1.208e+003	8.413e+001	16633.5	5039.22
437	4	5.974e+002	-5.576e+003	6.395e+002	-1.646e+002	-1.208e+003	8.413e+001	16633.5	5039.22
437	5	5.974e+002	-5.576e+003	6.395e+002	-1.646e+002	-1.208e+003	8.413e+001	16633.5	5039.22
438	1	-2.460e+003	-1.076e+004	7.451e+002	-2.068e+002	-8.287e+002	-3.813e-002	16817.7	3053.77
438	2	-3.139e+003	-1.349e+004	7.536e+002	-2.486e+002	-9.943e+002	-1.928e+000	20667.3	4055.38
438	3	-2.415e+003	-1.038e+004	5.797e+002	-1.913e+002	-7.649e+002	-1.483e+000	15901.1	3122
438	4	-2.415e+003	-1.038e+004	5.797e+002	-1.913e+002	-7.649e+002	-1.483e+000	15901.1	3122
438	5	-2.415e+003	-1.038e+004	5.797e+002	-1.913e+002	-7.649e+002	-1.483e+000	15901.1	3122
439	1	-1.811e+003	-9.789e+003	7.165e+002	-5.065e+002	-2.032e+003	1.243e+000	26213.3	8287.43
439	2	-2.416e+003	-1.226e+004	7.233e+002	-6.122e+002	-2.451e+003	-3.582e-001	31975.2	9585.76
439	3	-1.858e+003	-9.430e+003	5.564e+002	-4.709e+002	-1.885e+003	-2.755e-001	24592.2	7370.93
439	4	-1.858e+003	-9.430e+003	5.564e+002	-4.709e+002	-1.885e+003	-2.755e-001	24592.2	7370.93
439	5	-1.858e+003	-9.430e+003	5.564e+002	-4.709e+002	-1.885e+003	-2.755e-001	24592.2	7370.93
440	1	-1.185e+003	-8.809e+003	6.699e+002	-6.432e+002	-2.598e+003	5.429e+000	30236.8	13820.8
440	2	-1.716e+003	-1.101e+004	6.731e+002	-7.867e+002	-3.166e+003	4.370e+000	37013.8	16618.5
440	3	-1.320e+003	-8.472e+003	5.177e+002	-6.052e+002	-2.435e+003	3.362e+000	28471.2	12777.3
440	4	-1.320e+003	-8.472e+003	5.177e+002	-6.052e+002	-2.435e+003	3.362e+000	28471.2	12777.3
440	5	-1.320e+003	-8.472e+003	5.177e+002	-6.052e+002	-2.435e+003	3.362e+000	28471.2	12777.3

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
441	1	1.596e+003	-4.689e+003	6.653e+002	5.452e+002	6.717e+002	9.833e+001	6659.13	9727.87
441	2	1.366e+003	-5.828e+003	6.144e+002	4.307e+002	2.239e+002	1.055e+002	8424.37	7015.58
441	3	1.051e+003	-4.483e+003	4.726e+002	3.313e+002	1.722e+002	8.118e+001	6480.71	5396.36
441	4	1.051e+003	-4.483e+003	4.726e+002	3.313e+002	1.722e+002	8.118e+001	6480.71	5396.36
441	5	1.051e+003	-4.483e+003	4.726e+002	3.313e+002	1.722e+002	8.118e+001	6480.71	5396.36
442	1	1.446e+003	-3.423e+003	2.006e+002	7.368e+002	1.236e+003	5.020e+001	8342.03	13167.5
442	2	1.277e+003	-4.210e+003	1.910e+002	6.561e+002	9.159e+002	5.229e+001	6573.58	11198.5
442	3	9.825e+002	-3.239e+003	1.469e+002	5.047e+002	7.046e+002	4.023e+001	5056.82	8615.28
442	4	9.825e+002	-3.239e+003	1.469e+002	5.047e+002	7.046e+002	4.023e+001	5056.82	8615.28
442	5	9.825e+002	-3.239e+003	1.469e+002	5.047e+002	7.046e+002	4.023e+001	5056.82	8615.28
443	1	2.097e+003	-3.459e+003	4.509e+002	7.371e+002	1.236e+003	-4.597e+001	8601.71	18396.8
443	2	1.923e+003	-4.275e+003	3.962e+002	6.592e+002	9.228e+002	-3.607e+001	7025.63	11480.5
443	3	1.480e+003	-3.289e+003	3.048e+002	5.071e+002	7.099e+002	-2.774e+001	5405.16	8832.2
443	4	1.480e+003	-3.289e+003	3.048e+002	5.071e+002	7.099e+002	-2.774e+001	5405.16	8832.2
443	5	1.480e+003	-3.289e+003	3.048e+002	5.071e+002	7.099e+002	-2.774e+001	5405.16	8832.2
444	1	1.024e+003	-4.651e+003	3.579e+002	5.455e+002	6.696e+002	9.614e+001	5924.07	9609.81
444	2	7.770e+002	-5.754e+003	3.439e+002	4.299e+002	2.139e+002	9.827e+001	7745.07	6822.58
444	3	5.977e+002	-4.426e+003	2.645e+002	3.307e+002	1.645e+002	7.559e+001	5957.95	5247.68
444	4	5.977e+002	-4.426e+003	2.645e+002	3.307e+002	1.645e+002	7.559e+001	5957.95	5247.68
444	5	5.977e+002	-4.426e+003	2.645e+002	3.307e+002	1.645e+002	7.559e+001	5957.95	5247.68
445	1	-8.442e+002	-8.316e+003	6.623e+003	-2.154e+002	-7.355e+002	-2.076e+002	16175.3	15012.2
445	2	-1.257e+003	-1.071e+004	7.316e+003	-2.539e+002	-8.762e+002	-2.574e+002	19355.7	17154
445	3	-9.671e+002	-8.242e+003	5.627e+003	-1.953e+002	-6.740e+002	-1.980e+002	14891.6	13194.8
445	4	-9.671e+002	-8.242e+003	5.627e+003	-1.953e+002	-6.740e+002	-1.980e+002	14891.6	13194.8
445	5	-9.671e+002	-8.242e+003	5.627e+003	-1.953e+002	-6.740e+002	-1.980e+002	14891.6	13194.8
446	1	3.775e+002	-8.690e+003	4.652e+003	-5.456e+002	-1.913e+003	-9.009e+001	25468.8	12469.5
446	2	1.451e+002	-1.109e+004	5.043e+003	-6.505e+002	-2.286e+003	-1.216e+002	30743.5	14001.6
446	3	1.116e+002	-8.531e+003	3.879e+003	-5.004e+002	-1.759e+003	-9.355e+001	23653.8	10772.8
446	4	1.116e+002	-8.531e+003	3.879e+003	-5.004e+002	-1.759e+003	-9.355e+001	23653.8	10772.8
446	5	1.116e+002	-8.531e+003	3.879e+003	-5.004e+002	-1.759e+003	-9.355e+001	23653.8	10772.8
447	1	1.263e+003	-8.330e+003	3.574e+003	-6.953e+002	-2.494e+003	-3.677e+001	29964.2	14698.3
447	2	1.138e+003	-1.059e+004	3.788e+003	-8.394e+002	-3.005e+003	-5.392e+001	36320.8	16946.7
447	3	8.753e+002	-8.147e+003	2.914e+003	-6.457e+002	-2.312e+003	-4.148e+001	27944.1	13038.8
447	4	8.753e+002	-8.147e+003	2.914e+003	-6.457e+002	-2.312e+003	-4.148e+001	27944.1	13038.8
447	5	8.753e+002	-8.147e+003	2.914e+003	-6.457e+002	-2.312e+003	-4.148e+001	27944.1	13038.8
448	1	1.874e+003	-8.142e+003	4.093e+003	-7.013e+002	-2.436e+003	-4.025e+001	29624.6	14937.6
448	2	1.866e+003	-1.036e+004	4.379e+003	-8.428e+002	-2.931e+003	-6.110e+001	35822.4	17169.6
448	3	1.435e+003	-7.968e+003	3.368e+003	-6.483e+002	-2.255e+003	-4.700e+001	27557.8	13210.4
448	4	1.435e+003	-7.968e+003	3.368e+003	-6.483e+002	-2.255e+003	-4.700e+001	27557.8	13210.4
448	5	1.435e+003	-7.968e+003	3.368e+003	-6.483e+002	-2.255e+003	-4.700e+001	27557.8	13210.4
449	1	1.554e+003	-8.066e+003	6.166e+003	-5.167e+002	-1.770e+003	-1.641e+002	24536.5	15400.4
449	2	1.543e+003	-1.032e+004	6.774e+003	-6.115e+002	-2.115e+003	-2.066e+002	29501.6	17372.4
449	3	1.187e+003	-7.942e+003	5.211e+003	-4.704e+002	-1.627e+003	-1.589e+002	22697.8	13362.5
449	4	1.187e+003	-7.942e+003	5.211e+003	-4.704e+002	-1.627e+003	-1.589e+002	22697.8	13362.5
449	5	1.187e+003	-7.942e+003	5.211e+003	-4.704e+002	-1.627e+003	-1.589e+002	22697.8	13362.5
450	1	2.641e+003	-7.891e+003	4.680e+003	-7.062e+002	-2.347e+003	-5.803e+001	29014.6	15365.5
450	2	2.779e+003	-1.004e+004	5.046e+003	-8.422e+002	-2.822e+003	-8.278e+001	35015.9	17603.8
450	3	2.138e+003	-7.723e+003	3.881e+003	-6.478e+002	-2.171e+003	-6.368e+001	26937.4	13542.3
450	4	2.138e+003	-7.723e+003	3.881e+003	-6.478e+002	-2.171e+003	-6.368e+001	26937.4	13542.3
450	5	2.138e+003	-7.723e+003	3.881e+003	-6.478e+002	-2.171e+003	-6.368e+001	26937.4	13542.3
451	1	3.626e+003	-7.412e+003	5.203e+003	-6.656e+002	-2.228e+003	-8.868e+001	28125.7	15975.6
451	2	3.956e+003	-9.439e+003	5.621e+003	-7.911e+002	-2.679e+003	-1.170e+002	33879.5	18226.3
451	3	3.043e+003	-7.261e+003	4.324e+003	-6.085e+002	-2.061e+003	-8.998e+001	26063.7	14021.2
451	4	3.043e+003	-7.261e+003	4.324e+003	-6.085e+002	-2.061e+003	-8.998e+001	26063.7	14021.2
451	5	3.043e+003	-7.261e+003	4.324e+003	-6.085e+002	-2.061e+003	-8.998e+001	26063.7	14021.2
452	1	1.275e+003	-7.737e+003	2.347e+003	-6.991e+002	-2.535e+003	2.289e+001	29557.8	14365.4
452	2	1.082e+003	-9.793e+003	2.389e+003	-8.600e+002	-3.122e+003	1.955e+001	36355.6	17303.9
452	3	8.327e+002	-7.533e+003	1.838e+003	-6.615e+002	-2.402e+003	1.504e+001	27970.3	13314.6
452	4	8.327e+002	-7.533e+003	1.838e+003	-6.615e+002	-2.402e+003	1.504e+001	27970.3	13314.6
452	5	8.327e+002	-7.533e+003	1.838e+003	-6.615e+002	-2.402e+003	1.504e+001	27970.3	13314.6
453	1	1.249e+003	-6.846e+003	1.532e+003	-4.536e+002	-2.039e+003	-3.960e+001	24679.8	11143.4
453	2	9.979e+002	-8.614e+003	1.498e+003	-6.117e+002	-2.634e+003	-3.562e+001	31275.2	14342.1
453	3	7.676e+002	-6.627e+003	1.152e+003	-4.706e+002	-2.026e+003	-2.740e+001	24057	11030.2
453	4	7.676e+002	-6.627e+003	1.152e+003	-4.706e+002	-2.026e+003	-2.740e+001	24057	11030.2
453	5	7.676e+002	-6.627e+003	1.152e+003	-4.706e+002	-2.026e+003	-2.740e+001	24057	11030.2
454	1	1.534e+003	-5.840e+003	1.098e+003	-4.465e+002	-1.034e+003	-8.327e+001	14402.7	6009.48
454	2	1.292e+003	-7.313e+003	1.037e+003	-5.870e+002	-1.575e+003	-7.521e+001	20311.4	7757.48

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
454	3	9.936e+002	-5.625e+003	7.975e+002	-4.515e+002	-1.212e+003	-5.785e+001	15628.1	5969.36
454	4	9.936e+002	-5.625e+003	7.975e+002	-4.515e+002	-1.212e+003	-5.785e+001	15628.1	5969.36
454	5	9.936e+002	-5.625e+003	7.975e+002	-4.515e+002	-1.212e+003	-5.785e+001	15628.1	5969.36
455	1	1.836e+003	-5.855e+003	1.219e+003	-7.290e+001	-1.017e+003	-9.237e+001	16008.5	4863.81
455	2	1.627e+003	-7.348e+003	1.145e+003	-2.141e+002	-1.551e+003	-8.209e+001	21710.8	7056.83
455	3	1.251e+003	-5.652e+003	8.804e+002	-1.647e+002	-1.193e+003	-6.315e+001	16699.2	5427.74
455	4	1.251e+003	-5.652e+003	8.804e+002	-1.647e+002	-1.193e+003	-6.315e+001	16699.2	5427.74
455	5	1.251e+003	-5.652e+003	8.804e+002	-1.647e+002	-1.193e+003	-6.315e+001	16699.2	5427.74
456	1	2.022e+003	-6.841e+003	1.917e+003	-6.060e+002	-2.003e+003	6.494e+001	24395.1	10724.5
456	2	1.892e+003	-8.642e+003	1.884e+003	-7.631e+002	-2.578e+003	7.084e+001	30839.3	13671.9
456	3	1.455e+003	-6.648e+003	1.449e+003	-5.870e+002	-1.983e+003	5.449e+001	23721.9	10515.9
456	4	1.455e+003	-6.648e+003	1.449e+003	-5.870e+002	-1.983e+003	5.449e+001	23721.9	10515.9
456	5	1.455e+003	-6.648e+003	1.449e+003	-5.870e+002	-1.983e+003	5.449e+001	23721.9	10515.9
457	1	2.190e+003	-5.868e+003	1.346e+003	-8.073e+001	-1.017e+003	1.217e+002	16730.7	3383.51
457	2	2.025e+003	-7.380e+003	1.257e+003	-2.214e+002	-1.542e+003	1.341e+002	22241.5	6153.97
457	3	1.558e+003	-5.677e+003	9.672e+002	-1.703e+002	-1.186e+003	1.031e+002	17107.6	4732.61
457	4	1.558e+003	-5.677e+003	9.672e+002	-1.703e+002	-1.186e+003	1.031e+002	17107.6	4732.61
457	5	1.558e+003	-5.677e+003	9.672e+002	-1.703e+002	-1.186e+003	1.031e+002	17107.6	4732.61
458	1	2.606e+003	-5.871e+003	1.479e+003	-4.703e+002	-1.034e+003	1.168e+002	15405.3	6119.64
458	2	2.499e+003	-7.400e+003	1.376e+003	-6.087e+002	-1.547e+003	1.325e+002	20984.4	7717.14
458	3	1.922e+003	-5.693e+003	1.059e+003	-4.682e+002	-1.190e+003	1.019e+002	16142.6	5935.67
458	4	1.922e+003	-5.693e+003	1.059e+003	-4.682e+002	-1.190e+003	1.019e+002	16142.6	5935.67
458	5	1.922e+003	-5.693e+003	1.059e+003	-4.682e+002	-1.190e+003	1.019e+002	16142.6	5935.67
459	1	4.931e+003	-6.684e+003	4.179e+003	-6.828e+002	-2.199e+003	-8.772e-001	27558.7	14738.8
459	2	5.437e+003	-8.463e+003	4.400e+003	-8.177e+002	-2.680e+003	-9.264e+000	33377.6	17070
459	3	4.182e+003	-6.510e+003	3.385e+003	-6.290e+002	-2.062e+003	-7.126e+000	25679.3	13133.5
459	4	4.182e+003	-6.510e+003	3.385e+003	-6.290e+002	-2.062e+003	-7.126e+000	25679.3	13133.5
459	5	4.182e+003	-6.510e+003	3.385e+003	-6.290e+002	-2.062e+003	-7.126e+000	25679.3	13133.5
460	1	3.842e+003	-6.646e+003	2.623e+003	-5.123e+002	-1.945e+003	1.007e+002	25183.8	10830.5
460	2	4.045e+003	-8.417e+003	2.624e+003	-6.623e+002	-2.463e+003	1.124e+002	31141.7	13318.9
460	3	3.112e+003	-6.475e+003	2.019e+003	-5.095e+002	-1.895e+003	8.646e+001	23959.3	10248
460	4	3.112e+003	-6.475e+003	2.019e+003	-5.095e+002	-1.895e+003	8.646e+001	23959.3	10248
460	5	3.112e+003	-6.475e+003	2.019e+003	-5.095e+002	-1.895e+003	8.646e+001	23959.3	10248
461	1	3.660e+003	-5.812e+003	1.760e+003	-1.298e+002	-1.018e+003	-4.968e+001	16861.5	5862.8
461	2	3.722e+003	-7.350e+003	1.636e+003	-2.635e+002	-1.496e+003	-2.448e+001	22161.8	7211.58
461	3	2.863e+003	-5.654e+003	1.258e+003	-2.027e+002	-1.151e+003	-1.883e+001	17049.7	5548
461	4	2.863e+003	-5.654e+003	1.258e+003	-2.027e+002	-1.151e+003	-1.883e+001	17049.7	5548
461	5	2.863e+003	-5.654e+003	1.258e+003	-2.027e+002	-1.151e+003	-1.883e+001	17049.7	5548
462	1	4.313e+003	-5.708e+003	1.911e+003	-1.305e+002	-1.014e+003	1.753e+002	18053.4	4925.94
462	2	4.489e+003	-7.217e+003	1.779e+003	-2.605e+002	-1.469e+003	2.059e+002	22999.1	6755.99
462	3	3.453e+003	-5.551e+003	1.368e+003	-2.004e+002	-1.130e+003	1.584e+002	17690.8	5197.24
462	4	3.453e+003	-5.551e+003	1.368e+003	-2.004e+002	-1.130e+003	1.584e+002	17690.8	5197.24
462	5	3.453e+003	-5.551e+003	1.368e+003	-2.004e+002	-1.130e+003	1.584e+002	17690.8	5197.24
463	1	5.597e+003	-5.924e+003	3.183e+003	-6.007e+002	-1.760e+003	6.677e+001	23357.8	11781.1
463	2	6.140e+003	-7.454e+003	3.217e+003	-7.286e+002	-2.216e+003	8.169e+001	28730.6	13817.7
463	3	4.723e+003	-5.734e+003	2.474e+003	-5.604e+002	-1.705e+003	6.284e+001	22104.1	10630.1
463	4	4.723e+003	-5.734e+003	2.474e+003	-5.604e+002	-1.705e+003	6.284e+001	22104.1	10630.1
463	5	4.723e+003	-5.734e+003	2.474e+003	-5.604e+002	-1.705e+003	6.284e+001	22104.1	10630.1
464	1	5.047e+003	-5.503e+003	2.088e+003	-4.905e+002	-1.019e+003	2.002e+002	16757.2	8396.81
464	2	5.356e+003	-6.936e+003	1.954e+003	-6.135e+002	-1.445e+003	2.357e+002	21531.6	9687.47
464	3	4.120e+003	-5.335e+003	1.503e+003	-4.720e+002	-1.112e+003	1.813e+002	16566.1	7452.99
464	4	4.120e+003	-5.335e+003	1.503e+003	-4.720e+002	-1.112e+003	1.813e+002	16566.1	7452.99
464	5	4.120e+003	-5.335e+003	1.503e+003	-4.720e+002	-1.112e+003	1.813e+002	16566.1	7452.99
465	1	5.828e+003	-5.097e+003	2.362e+003	-4.780e+002	-9.919e+002	7.920e+001	16042.5	9406.71
465	2	6.279e+003	-6.377e+003	2.236e+003	-5.869e+002	-1.384e+003	1.187e+002	20585.9	10410.7
465	3	4.830e+003	-4.905e+003	1.720e+003	-4.515e+002	-1.065e+003	9.130e+001	15838.2	8008.81
465	4	4.830e+003	-4.905e+003	1.720e+003	-4.515e+002	-1.065e+003	9.130e+001	15838.2	8008.81
465	5	4.830e+003	-4.905e+003	1.720e+003	-4.515e+002	-1.065e+003	9.130e+001	15838.2	8008.81
466	1	-1.754e+003	-9.799e+003	3.735e+003	-2.178e+002	-8.105e+002	-5.538e+001	16794.8	1736.48
466	2	-2.335e+003	-1.250e+004	4.007e+003	-2.602e+002	-9.667e+002	-8.024e+001	20410.3	8951.83
466	3	-1.796e+003	-9.614e+003	3.082e+003	-2.002e+002	-7.436e+002	-6.172e+001	15698.6	6885.12
466	4	-1.796e+003	-9.614e+003	3.082e+003	-2.002e+002	-7.436e+002	-6.172e+001	15698.6	6885.12
466	5	-1.796e+003	-9.614e+003	3.082e+003	-2.002e+002	-7.436e+002	-6.172e+001	15698.6	6885.12
467	1	-4.127e+002	-9.160e+003	3.497e+003	-5.380e+002	-1.982e+003	-4.365e+001	26011.2	10599.6
467	2	-7.937e+002	-1.166e+004	3.724e+003	-6.452e+002	-2.373e+003	-6.475e+001	31522	11846.4
467	3	-6.106e+002	-8.968e+003	2.864e+003	-4.963e+002	-1.825e+003	-4.981e+001	24242.8	9110.34
467	4	-6.106e+002	-8.968e+003	2.864e+003	-4.963e+002	-1.825e+003	-4.981e+001	24242.8	9110.34

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
467	5	-6.106e+002	-8.968e+003	2.864e+003	-4.963e+002	-1.825e+003	-4.981e+001	24242.8	9110.34
468	1	7.671e+002	-8.463e+003	3.124e+003	-6.969e+002	-2.528e+003	-2.510e+001	30121.1	14425
468	2	5.476e+002	-1.075e+004	3.280e+003	-8.421e+002	-3.052e+003	-3.904e+001	36601.4	16715.9
468	3	4.212e+002	-8.268e+003	2.523e+003	-6.478e+002	-2.348e+003	-3.003e+001	28156.4	12861.7
468	4	4.212e+002	-8.268e+003	2.523e+003	-6.478e+002	-2.348e+003	-3.003e+001	28156.4	12861.7
468	5	4.212e+002	-8.268e+003	2.523e+003	-6.478e+002	-2.348e+003	-3.003e+001	28156.4	12861.7
469	1	5.807e+003	-4.270e+003	1.601e+003	-3.373e+002	7.194e+001	5.571e+001	6554.21	12358.5
469	2	6.046e+003	-5.282e+003	1.356e+003	-4.176e+002	-2.266e+002	1.217e+002	9689.3	11865.2
469	3	4.651e+003	-4.063e+003	1.043e+003	-3.212e+002	-1.743e+002	9.365e+001	7453.69	9127.03
469	4	4.651e+003	-4.063e+003	1.043e+003	-3.212e+002	-1.743e+002	9.365e+001	7453.69	9127.03
469	5	4.651e+003	-4.063e+003	1.043e+003	-3.212e+002	-1.743e+002	9.365e+001	7453.69	9127.03
470	1	3.429e+003	-3.516e+003	6.200e+002	-2.265e+002	8.425e+002	-2.408e+001	3956.64	15054.7
470	2	3.259e+003	-4.395e+003	4.347e+002	-2.914e+002	5.552e+002	1.116e+001	1174.57	13634.1
470	3	2.507e+003	-3.381e+003	3.344e+002	-2.241e+002	4.271e+002	8.582e+000	903.553	10487.9
470	4	2.507e+003	-3.381e+003	3.344e+002	-2.241e+002	4.271e+002	8.582e+000	903.553	10487.9
470	5	2.507e+003	-3.381e+003	3.344e+002	-2.241e+002	4.271e+002	8.582e+000	903.553	10487.9
471	1	5.525e+003	-3.228e+003	8.849e+002	-2.509e+002	5.011e+002	2.460e+001	3361.08	13732.7
471	2	5.444e+003	-3.964e+003	5.718e+002	-2.969e+002	3.031e+002	1.176e+002	4442.37	13070.7
471	3	4.188e+003	-3.049e+003	4.398e+002	-2.284e+002	2.332e+002	9.043e+001	3416.57	10054.9
471	4	4.188e+003	-3.049e+003	4.398e+002	-2.284e+002	2.332e+002	9.043e+001	3416.57	10054.9
471	5	4.188e+003	-3.049e+003	4.398e+002	-2.284e+002	2.332e+002	9.043e+001	3416.57	10054.9
472	1	3.506e+003	-4.748e+003	1.107e+003	-3.299e+002	3.033e+002	-3.894e+001	2497.29	12560.6
472	2	3.431e+003	-5.980e+003	9.205e+002	-4.330e+002	-9.446e+001	-5.894e+000	6742.6	11093.9
472	3	2.639e+003	-4.600e+003	7.081e+002	-3.331e+002	-7.266e+001	-4.534e+000	5186.42	8533.77
472	4	2.639e+003	-4.600e+003	7.081e+002	-3.331e+002	-7.266e+001	-4.534e+000	5186.42	8533.77
472	5	2.639e+003	-4.600e+003	7.081e+002	-3.331e+002	-7.266e+001	-4.534e+000	5186.42	8533.77
473	1	-2.149e+003	-1.036e+004	-2.347e+003	-2.096e+002	-8.252e+002	1.270e+001	16877.3	4967.85
473	2	-2.797e+003	-1.313e+004	-2.451e+003	-2.519e+002	-9.869e+002	2.500e+001	20660.4	5930.62
473	3	-2.151e+003	-1.010e+004	-1.886e+003	-1.938e+002	-7.592e+002	1.923e+001	15893.3	4562.78
473	4	-2.151e+003	-1.010e+004	-1.886e+003	-1.938e+002	-7.592e+002	1.923e+001	15893.3	4562.78
473	5	-2.151e+003	-1.010e+004	-1.886e+003	-1.938e+002	-7.592e+002	1.923e+001	15893.3	4562.78
474	1	-7.607e+002	-9.340e+003	-2.941e+003	-5.291e+002	-2.003e+003	2.217e+001	26170.7	9839.92
474	2	-1.201e+003	-1.186e+004	-3.102e+003	-6.364e+002	-2.402e+003	3.889e+001	31770.2	11026.2
474	3	-9.240e+002	-9.125e+003	-2.386e+003	-4.896e+002	-1.847e+003	2.991e+001	24433.9	8475.15
474	4	-9.240e+002	-9.125e+003	-2.386e+003	-4.896e+002	-1.847e+003	2.991e+001	24433.9	8475.15
474	5	-9.240e+002	-9.125e+003	-2.386e+003	-4.896e+002	-1.847e+003	2.991e+001	24433.9	8475.15
475	1	6.782e+002	-8.482e+003	-3.026e+003	-6.950e+002	-2.534e+003	2.318e+001	30147.3	14378.1
475	2	4.515e+002	-1.077e+004	-3.174e+003	-8.400e+002	-3.059e+003	3.696e+001	36638.8	16676.4
475	3	3.473e+002	-8.284e+003	-2.442e+003	-6.461e+002	-2.353e+003	2.843e+001	28182.7	12828.2
475	4	3.473e+002	-8.284e+003	-2.442e+003	-6.461e+002	-2.353e+003	2.843e+001	28182.7	12828.2
475	5	3.473e+002	-8.284e+003	-2.442e+003	-6.461e+002	-2.353e+003	2.843e+001	28182.7	12828.2
476	1	2.870e+002	-8.574e+003	-2.646e+003	-6.835e+002	-2.558e+003	4.303e+000	30305.3	14167
476	2	-1.452e+001	-1.087e+004	-2.751e+003	-8.290e+002	-3.093e+003	1.540e+001	36877.6	16531.6
476	3	-1.117e+001	-8.362e+003	-2.116e+003	-6.377e+002	-2.379e+003	1.184e+001	28365.7	12714.2
476	4	-1.117e+001	-8.362e+003	-2.116e+003	-6.377e+002	-2.379e+003	1.184e+001	28365.7	12714.2
476	5	-1.117e+001	-8.362e+003	-2.116e+003	-6.377e+002	-2.379e+003	1.184e+001	28365.7	12714.2
477	1	-1.184e+003	-9.538e+003	-2.222e+003	-5.142e+002	-2.023e+003	1.065e+001	26284.4	9164.78
477	2	-1.702e+003	-1.207e+004	-2.305e+003	-6.212e+002	-2.430e+003	2.108e+001	31973.2	10313.1
477	3	-1.309e+003	-9.285e+003	-1.773e+003	-4.779e+002	-1.869e+003	1.622e+001	24593	7930.9
477	4	-1.309e+003	-9.285e+003	-1.773e+003	-4.779e+002	-1.869e+003	1.622e+001	24593	7930.9
477	5	-1.309e+003	-9.285e+003	-1.773e+003	-4.779e+002	-1.869e+003	1.622e+001	24593	7930.9
478	1	-3.432e+001	-8.639e+003	-2.314e+003	-6.610e+002	-2.577e+003	-1.683e+001	30434.7	14115.8
478	2	-3.955e+002	-1.093e+004	-2.387e+003	-8.065e+002	-3.120e+003	8.629e+000	37067.5	16551.9
478	3	-3.042e+002	-8.411e+003	-1.836e+003	-6.204e+002	-2.400e+003	6.638e+000	28516.6	12729.2
478	4	-3.042e+002	-8.411e+003	-1.836e+003	-6.204e+002	-2.400e+003	6.638e+000	28516.6	12729.2
478	5	-3.042e+002	-8.411e+003	-1.836e+003	-6.204e+002	-2.400e+003	6.638e+000	28516.6	12729.2
479	1	-2.987e+002	-8.686e+003	-2.023e+003	-6.539e+002	-2.586e+003	9.140e+000	30418	14094.8
479	2	-7.068e+002	-1.097e+004	-2.072e+003	-7.991e+002	-3.136e+003	1.602e+001	37108.8	16597.3
479	3	-5.437e+002	-8.441e+003	-1.594e+003	-6.147e+002	-2.412e+003	1.232e+001	28544.9	12762.3
479	4	-5.437e+002	-8.441e+003	-1.594e+003	-6.147e+002	-2.412e+003	1.232e+001	28544.9	12762.3
479	5	-5.437e+002	-8.441e+003	-1.594e+003	-6.147e+002	-2.412e+003	1.232e+001	28544.9	12762.3
480	1	2.893e+003	-7.486e+003	-3.282e+003	-6.894e+002	-2.441e+003	-2.512e+001	29390.4	14436.8
480	2	3.023e+003	-9.497e+003	-3.422e+003	-8.443e+002	-2.980e+003	-1.913e+001	35791.7	17015.7
480	3	2.326e+003	-7.305e+003	-2.632e+003	-6.495e+002	-2.292e+003	-1.471e+001	27528.9	13087.1
480	4	2.326e+003	-7.305e+003	-2.632e+003	-6.495e+002	-2.292e+003	-1.471e+001	27528.9	13087.1
480	5	2.326e+003	-7.305e+003	-2.632e+003	-6.495e+002	-2.292e+003	-1.471e+001	27528.9	13087.1
481	1	5.383e+003	-5.942e+003	-3.085e+003	-6.015e+002	-1.785e+003	-6.055e+001	23420.1	11748.1

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
481	2	5.908e+003	-7.474e+003	-3.111e+003	-7.294e+002	-2.243e+003	-7.497e+001	28816	13813.5
481	3	4.545e+003	-5.749e+003	-2.393e+003	-5.611e+002	-1.725e+003	-5.767e+001	22162.5	10624.2
481	4	4.545e+003	-5.749e+003	-2.393e+003	-5.611e+002	-1.725e+003	-5.767e+001	22162.5	10624.2
481	5	4.545e+003	-5.749e+003	-2.393e+003	-5.611e+002	-1.725e+003	-5.767e+001	22162.5	10624.2
482	1	6.292e+003	-4.574e+003	-2.745e+003	-7.879e+001	-9.527e+002	-7.058e+001	17973.8	7127.59
482	2	6.865e+003	-5.588e+003	-2.652e+003	-1.617e+002	-1.307e+003	-1.121e+002	21988.3	8154.4
482	3	5.281e+003	-4.298e+003	-2.040e+003	-1.244e+002	-1.005e+003	-8.625e+001	16910.5	6271.79
482	4	5.281e+003	-4.298e+003	-2.040e+003	-1.244e+002	-1.005e+003	-8.625e+001	16910.5	6271.79
482	5	5.281e+003	-4.298e+003	-2.040e+003	-1.244e+002	-1.005e+003	-8.625e+001	16910.5	6271.79
483	1	5.620e+003	-5.107e+003	-2.295e+003	-4.785e+002	-1.007e+003	-6.899e+001	15980.6	9233.9
483	2	6.054e+003	-6.387e+003	-2.164e+003	-5.875e+002	-1.401e+003	-1.077e+002	20549	10256.1
483	3	4.657e+003	-4.913e+003	-1.665e+003	-4.519e+002	-1.077e+003	-8.281e+001	15800.8	7888.85
483	4	4.657e+003	-4.913e+003	-1.665e+003	-4.519e+002	-1.077e+003	-8.281e+001	15800.8	7888.85
483	5	4.657e+003	-4.913e+003	-1.665e+003	-4.519e+002	-1.077e+003	-8.281e+001	15800.8	7888.85
484	1	3.685e+003	-6.655e+003	-2.545e+003	-5.101e+002	-1.958e+003	-9.727e+001	25202.7	10841.4
484	2	3.875e+003	-8.427e+003	-2.540e+003	-6.599e+002	-2.477e+003	-1.087e+002	31174.3	13349.3
484	3	2.981e+003	-6.482e+003	-1.954e+003	-5.076e+002	-1.905e+003	-8.359e+001	23976.5	10266.4
484	4	2.981e+003	-6.482e+003	-1.954e+003	-5.076e+002	-1.905e+003	-8.359e+001	23976.5	10266.4
484	5	2.981e+003	-6.482e+003	-1.954e+003	-5.076e+002	-1.905e+003	-8.359e+001	23976.5	10266.4
485	1	4.866e+003	-5.510e+003	-2.027e+003	-4.898e+002	-1.031e+003	-1.924e+002	16690.1	8219.9
485	2	5.160e+003	-6.943e+003	-1.888e+003	-6.128e+002	-1.458e+003	-2.274e+002	21485	9538.81
485	3	3.969e+003	-5.340e+003	-1.453e+003	-4.714e+002	-1.122e+003	-1.749e+002	16530.4	7338.09
485	4	3.969e+003	-5.340e+003	-1.453e+003	-4.714e+002	-1.122e+003	-1.749e+002	16530.4	7338.09
485	5	3.969e+003	-5.340e+003	-1.453e+003	-4.714e+002	-1.122e+003	-1.749e+002	16530.4	7338.09
486	1	4.155e+003	-5.711e+003	-1.855e+003	-1.291e+002	-1.023e+003	-1.696e+002	17985.4	4820.1
486	2	4.319e+003	-7.219e+003	-1.719e+003	-2.590e+002	-1.479e+003	-1.997e+002	22949.8	6702.69
486	3	3.322e+003	-5.553e+003	-1.322e+003	-1.992e+002	-1.138e+003	-1.536e+002	17656.2	5157.07
486	4	3.322e+003	-5.553e+003	-1.322e+003	-1.992e+002	-1.138e+003	-1.536e+002	17656.2	5157.07
486	5	3.322e+003	-5.553e+003	-1.322e+003	-1.992e+002	-1.138e+003	-1.536e+002	17656.2	5157.07
487	1	4.907e+002	-7.791e+003	-1.769e+003	-6.353e+002	-2.574e+003	1.476e+001	29705.4	14633.4
487	2	1.703e+002	-9.824e+003	-1.776e+003	-7.962e+002	-3.180e+003	1.670e+001	36647.1	17788.4
487	3	1.310e+002	-7.557e+003	-1.366e+003	-6.124e+002	-2.446e+003	1.285e+001	28188.9	13682
487	4	1.310e+002	-7.557e+003	-1.366e+003	-6.124e+002	-2.446e+003	1.285e+001	28188.9	13682
487	5	1.310e+002	-7.557e+003	-1.366e+003	-6.124e+002	-2.446e+003	1.285e+001	28188.9	13682
488	1	1.923e+003	-6.843e+003	-1.858e+003	-6.047e+002	-2.009e+003	-6.357e+001	24397.5	10731.8
488	2	1.785e+003	-8.644e+003	-1.820e+003	-7.617e+002	-2.583e+003	-6.937e+001	30834.3	13684.3
488	3	1.373e+003	-6.649e+003	-1.400e+003	-5.859e+002	-1.987e+003	-5.336e+001	23719.2	10527.2
488	4	1.373e+003	-6.649e+003	-1.400e+003	-5.859e+002	-1.987e+003	-5.336e+001	23719.2	10527.2
488	5	1.373e+003	-6.649e+003	-1.400e+003	-5.859e+002	-1.987e+003	-5.336e+001	23719.2	10527.2
489	1	2.974e+003	-5.856e+003	-1.570e+003	-4.857e+002	-1.040e+003	5.271e+001	14995.5	7436.12
489	2	2.931e+003	-7.396e+003	-1.451e+003	-6.219e+002	-1.538e+003	3.285e+001	20614.6	8592.61
489	3	2.255e+003	-5.689e+003	-1.116e+003	-4.784e+002	-1.183e+003	2.527e+001	15856.5	6609.79
489	4	2.255e+003	-5.689e+003	-1.116e+003	-4.784e+002	-1.183e+003	2.527e+001	15856.5	6609.79
489	5	2.255e+003	-5.689e+003	-1.116e+003	-4.784e+002	-1.183e+003	2.527e+001	15856.5	6609.79
490	1	2.503e+003	-5.869e+003	-1.434e+003	-4.695e+002	-1.039e+003	-1.144e+002	15377.8	6026.83
490	2	2.387e+003	-7.398e+003	-1.328e+003	-6.078e+002	-1.552e+003	-1.298e+002	20962.7	7663.72
490	3	1.836e+003	-5.691e+003	-1.022e+003	-4.676e+002	-1.194e+003	-9.988e+001	16126.8	5895.91
490	4	1.836e+003	-5.691e+003	-1.022e+003	-4.676e+002	-1.194e+003	-9.988e+001	16126.8	5895.91
490	5	1.836e+003	-5.691e+003	-1.022e+003	-4.676e+002	-1.194e+003	-9.988e+001	16126.8	5895.91
491	1	1.176e+003	-6.848e+003	-1.481e+003	-4.531e+002	-2.042e+003	4.024e+001	24674.3	11147.8
491	2	9.197e+002	-8.616e+003	-1.443e+003	-6.112e+002	-2.637e+003	3.632e+001	31270.3	14354.8
491	3	7.075e+002	-6.628e+003	-1.110e+003	-4.702e+002	-2.029e+003	2.794e+001	24059.3	11046.4
491	4	7.075e+002	-6.628e+003	-1.110e+003	-4.702e+002	-2.029e+003	2.794e+001	24059.3	11046.4
491	5	7.075e+002	-6.628e+003	-1.110e+003	-4.702e+002	-2.029e+003	2.794e+001	24059.3	11046.4
492	1	2.101e+003	-5.866e+003	-1.304e+003	-8.043e+001	-1.021e+003	-1.198e+002	16691.6	3376.75
492	2	1.928e+003	-7.378e+003	-1.212e+003	-2.210e+002	-1.546e+003	-1.321e+002	22209.5	6178.42
492	3	1.483e+003	-5.675e+003	-9.323e+002	-1.700e+002	-1.189e+003	-1.016e+002	17081.6	4751.15
492	4	1.483e+003	-5.675e+003	-9.323e+002	-1.700e+002	-1.189e+003	-1.016e+002	17081.6	4751.15
492	5	1.483e+003	-5.675e+003	-9.323e+002	-1.700e+002	-1.189e+003	-1.016e+002	17081.6	4751.15
493	1	1.758e+003	-5.854e+003	-1.180e+003	-7.285e+001	-1.020e+003	9.363e+001	15989.7	4833.46
493	2	1.543e+003	-7.347e+003	-1.101e+003	-2.141e+002	-1.554e+003	8.345e+001	21694.4	7054.07
493	3	1.187e+003	-5.651e+003	-8.472e+002	-1.647e+002	-1.195e+003	6.419e+001	16683.9	5424.04
493	4	1.187e+003	-5.651e+003	-8.472e+002	-1.647e+002	-1.195e+003	6.419e+001	16683.9	5424.04
493	5	1.187e+003	-5.651e+003	-8.472e+002	-1.647e+002	-1.195e+003	6.419e+001	16683.9	5424.04
494	1	-1.610e+003	-9.569e+003	-4.177e+003	-2.191e+002	-8.030e+002	7.664e+001	16702.6	8784.44
494	2	-2.160e+003	-1.222e+004	-4.520e+003	-2.612e+002	-9.566e+002	1.068e+002	20240.3	10151.3
494	3	-1.661e+003	-9.399e+003	-3.477e+003	-2.010e+002	-7.359e+002	8.214e+001	15569.1	7808.37

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
494	4	-1.661e+003	-9.399e+003	-3.477e+003	-2.010e+002	-7.359e+002	8.214e+001	15569.1	7808.37
494	5	-1.661e+003	-9.399e+003	-3.477e+003	-2.010e+002	-7.359e+002	8.214e+001	15569.1	7808.37
495	1	-1.339e+002	-8.994e+003	-3.901e+003	-5.400e+002	-1.962e+003	6.047e+001	25848.1	11234.1
495	2	-4.537e+002	-1.146e+004	-4.192e+003	-6.465e+002	-2.345e+003	8.609e+001	31264.4	12576.3
495	3	-3.490e+002	-8.812e+003	-3.224e+003	-4.973e+002	-1.804e+003	6.622e+001	24047.5	9676.28
495	4	-3.490e+002	-8.812e+003	-3.224e+003	-4.973e+002	-1.804e+003	6.622e+001	24047.5	9676.28
495	5	-3.490e+002	-8.812e+003	-3.224e+003	-4.973e+002	-1.804e+003	6.622e+001	24047.5	9676.28
496	1	1.156e+003	-8.354e+003	-3.464e+003	-6.929e+002	-2.503e+003	3.414e+001	30012.4	14636.9
496	2	1.022e+003	-1.062e+004	-3.669e+003	-8.368e+002	-3.016e+003	5.109e+001	36394	16893.6
496	3	7.863e+002	-8.168e+003	-2.823e+003	-6.437e+002	-2.320e+003	3.930e+001	27994.4	12996.5
496	4	7.863e+002	-8.168e+003	-2.823e+003	-6.437e+002	-2.320e+003	3.930e+001	27994.4	12996.5
496	5	7.863e+002	-8.168e+003	-2.823e+003	-6.437e+002	-2.320e+003	3.930e+001	27994.4	12996.5
497	1	2.272e+003	-4.737e+003	-8.616e+002	5.518e+002	6.724e+002	8.722e+001	6798.95	10331.7
497	2	2.079e+003	-5.923e+003	-7.527e+002	4.395e+002	2.395e+002	7.094e+001	8647.49	7761.72
497	3	1.599e+003	-4.556e+003	-5.790e+002	3.381e+002	1.843e+002	5.457e+001	6651.27	5970.9
497	4	1.599e+003	-4.556e+003	-5.790e+002	3.381e+002	1.843e+002	5.457e+001	6651.27	5970.9
497	5	1.599e+003	-4.556e+003	-5.790e+002	3.381e+002	1.843e+002	5.457e+001	6651.27	5970.9
498	1	4.460e+003	-3.394e+003	-6.953e+002	6.835e+002	1.083e+003	4.784e+001	9514.25	12839.6
498	2	4.318e+003	-4.268e+003	-3.977e+002	6.300e+002	8.370e+002	-1.991e+001	9043.05	11409.9
498	3	3.322e+003	-3.283e+003	-3.059e+002	4.846e+002	6.439e+002	-1.531e+001	6956.37	8777.48
498	4	3.322e+003	-3.283e+003	-3.059e+002	4.846e+002	6.439e+002	-1.531e+001	6956.37	8777.48
498	5	3.322e+003	-3.283e+003	-3.059e+002	4.846e+002	6.439e+002	-1.531e+001	6956.37	8777.48
499	1	2.721e+003	-3.499e+003	-5.469e+002	7.456e+002	1.235e+003	-5.503e+001	9192.83	13460.4
499	2	2.539e+003	-4.350e+003	-4.256e+002	6.722e+002	9.319e+002	-7.606e+001	7906.43	11680
499	3	1.953e+003	-3.346e+003	-3.274e+002	5.171e+002	7.169e+002	-5.850e+001	6081.96	8984.87
499	4	1.953e+003	-3.346e+003	-3.274e+002	5.171e+002	7.169e+002	-5.850e+001	6081.96	8984.87
499	5	1.953e+003	-3.346e+003	-3.274e+002	5.171e+002	7.169e+002	-5.850e+001	6081.96	8984.87
500	1	3.863e+003	-4.704e+003	-1.147e+003	4.858e+002	5.934e+002	5.905e+001	8087.96	10366.7
500	2	3.838e+003	-5.935e+003	-9.294e+002	3.860e+002	2.131e+002	1.821e+001	10108.9	8267.26
500	3	2.953e+003	-4.565e+003	-7.149e+002	2.969e+002	1.639e+002	1.401e+001	7776.39	6359.31
500	4	2.953e+003	-4.565e+003	-7.149e+002	2.969e+002	1.639e+002	1.401e+001	7776.39	6359.31
500	5	2.953e+003	-4.565e+003	-7.149e+002	2.969e+002	1.639e+002	1.401e+001	7776.39	6359.31
501	1	2.786e+003	-3.481e+003	-4.602e+002	2.039e+002	4.714e+002	-2.897e+001	6650.11	12252.1
501	2	2.520e+003	-4.303e+003	-2.991e+002	1.646e+002	2.996e+002	-3.770e+001	5473.16	9924.6
501	3	1.938e+003	-3.310e+003	-2.301e+002	1.266e+002	2.304e+002	-2.900e+001	4209.72	7633.02
501	4	1.938e+003	-3.310e+003	-2.301e+002	1.266e+002	2.304e+002	-2.900e+001	4209.72	7633.02
501	5	1.938e+003	-3.310e+003	-2.301e+002	1.266e+002	2.304e+002	-2.900e+001	4209.72	7633.02
502	1	4.170e+003	-2.034e+003	-2.635e+002	2.191e+001	7.828e+001	6.788e+001	5212.3	6927.51
502	2	3.418e+003	-2.533e+003	6.399e+001	2.787e+001	3.032e+001	3.260e+001	5355.67	5294.6
502	3	2.630e+003	-1.948e+003	4.922e+001	2.144e+001	2.332e+001	2.508e+001	4120.21	4072.96
502	4	2.630e+003	-1.948e+003	4.922e+001	2.144e+001	2.332e+001	2.508e+001	4120.21	4072.96
502	5	2.630e+003	-1.948e+003	4.922e+001	2.144e+001	2.332e+001	2.508e+001	4120.21	4072.96
503	1	4.558e+003	-6.856e+002	-1.421e+002	-4.574e+001	-2.951e+000	8.575e+001	4887.47	6624.07
503	2	3.008e+003	-8.303e+002	1.392e+001	-2.957e+001	-5.423e+000	3.444e+001	3236.01	4169.44
503	3	2.314e+003	-6.387e+002	1.071e+001	-2.275e+001	-4.172e+000	2.650e+001	2489.42	3207.55
503	4	2.314e+003	-6.387e+002	1.071e+001	-2.275e+001	-4.172e+000	2.650e+001	2489.42	3207.55
503	5	2.314e+003	-6.387e+002	1.071e+001	-2.275e+001	-4.172e+000	2.650e+001	2489.42	3207.55
504	1	4.133e+003	-6.821e+002	-6.798e+001	-4.164e+001	-2.639e+000	6.405e+001	4271.14	5786.56
504	2	3.112e+003	-8.441e+002	6.740e+001	-1.510e+001	-5.439e+000	2.662e+001	3543.63	3915.16
504	3	2.394e+003	-6.493e+002	5.184e+001	-1.161e+001	-4.183e+000	2.047e+001	2726.03	3011.66
504	4	2.394e+003	-6.493e+002	5.184e+001	-1.161e+001	-4.183e+000	2.047e+001	2726.03	3011.66
504	5	2.394e+003	-6.493e+002	5.184e+001	-1.161e+001	-4.183e+000	2.047e+001	2726.03	3011.66
505	1	3.147e+003	-2.094e+003	-2.433e+002	6.488e+001	1.349e+002	-1.482e+001	4276.02	5923.69
505	2	2.874e+003	-2.576e+003	-1.267e+002	5.540e+001	6.842e+001	-2.550e+001	4828.24	5102.29
505	3	2.211e+003	-1.982e+003	-9.750e+001	4.262e+001	5.263e+001	-1.961e+001	3714.62	3925.33
505	4	2.211e+003	-1.982e+003	-9.750e+001	4.262e+001	5.263e+001	-1.961e+001	3714.62	3925.33
505	5	2.211e+003	-1.982e+003	-9.750e+001	4.262e+001	5.263e+001	-1.961e+001	3714.62	3925.33
506	1	3.762e+003	-6.992e+002	-5.822e+001	-3.264e+001	1.211e+001	2.566e+001	3456.95	5043.07
506	2	3.299e+003	-8.592e+002	1.504e+001	-1.658e+001	5.719e+000	6.614e+000	3414.25	4204.33
506	3	2.537e+003	-6.609e+002	1.157e+001	-1.275e+001	4.399e+000	5.088e+000	2625.73	3233.33
506	4	2.537e+003	-6.609e+002	1.157e+001	-1.275e+001	4.399e+000	5.088e+000	2625.73	3233.33
506	5	2.537e+003	-6.609e+002	1.157e+001	-1.275e+001	4.399e+000	5.088e+000	2625.73	3233.33
507	1	3.491e+003	-6.979e+002	-7.170e+001	8.637e+000	1.421e+001	-8.640e-001	3890.12	3904.05
507	2	3.240e+003	-8.552e+002	-2.765e+001	1.764e+001	5.977e+000	-1.226e+001	4036.64	3500.65
507	3	2.492e+003	-6.578e+002	-2.127e+001	1.357e+001	4.598e+000	-9.434e+000	3104.8	2692.48
507	4	2.492e+003	-6.578e+002	-2.127e+001	1.357e+001	4.598e+000	-9.434e+000	3104.8	2692.48
507	5	2.492e+003	-6.578e+002	-2.127e+001	1.357e+001	4.598e+000	-9.434e+000	3104.8	2692.48

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
508	1	3.857e+003	-3.438e+003	-4.958e+002	1.699e+002	4.035e+002	-1.307e+001	6464.33	11699.6
508	2	3.436e+003	-4.299e+003	-1.285e+002	1.421e+002	2.561e+002	-3.655e+001	6085.3	9757.01
508	3	2.643e+003	-3.307e+003	-9.886e+001	1.093e+002	1.970e+002	-2.812e+001	4680.85	7505.52
508	4	2.643e+003	-3.307e+003	-9.886e+001	1.093e+002	1.970e+002	-2.812e+001	4680.85	7505.52
508	5	2.643e+003	-3.307e+003	-9.886e+001	1.093e+002	1.970e+002	-2.812e+001	4680.85	7505.52
509	1	1.498e+003	-3.406e+003	-7.196e+001	2.501e+001	4.371e+002	2.694e+001	4672.1	12650.3
509	2	1.340e+003	-4.168e+003	-6.683e+001	-2.013e+001	2.539e+002	2.652e+001	1205.99	10237.3
509	3	1.030e+003	-3.206e+003	-5.141e+001	-1.549e+001	1.953e+002	2.040e+001	927.318	7874.12
509	4	1.030e+003	-3.206e+003	-5.141e+001	-1.549e+001	1.953e+002	2.040e+001	927.318	7874.12
509	5	1.030e+003	-3.206e+003	-5.141e+001	-1.549e+001	1.953e+002	2.040e+001	927.318	7874.12
510	1	2.355e+003	-2.067e+003	-1.885e+002	3.555e+000	1.469e+002	-1.872e+001	2342.32	6442.44
510	2	2.243e+003	-2.530e+003	-1.616e+002	-1.245e+001	7.419e+001	-2.144e+001	2872.38	5690.72
510	3	1.726e+003	-1.946e+003	-1.243e+002	-9.579e+000	5.707e+001	-1.650e+001	2209.99	4377.89
510	4	1.726e+003	-1.946e+003	-1.243e+002	-9.579e+000	5.707e+001	-1.650e+001	2209.99	4377.89
510	5	1.726e+003	-1.946e+003	-1.243e+002	-9.579e+000	5.707e+001	-1.650e+001	2209.99	4377.89
511	1	3.050e+003	-6.939e+002	-7.335e+001	1.598e+001	1.711e+001	8.153e+000	3560.79	3395.13
511	2	2.966e+003	-8.482e+002	-5.489e+001	1.870e+001	7.271e+000	2.996e+000	3738.95	3214.66
511	3	2.282e+003	-6.525e+002	-4.222e+001	1.439e+001	5.593e+000	2.305e+000	2876.7	2473.18
511	4	2.282e+003	-6.525e+002	-4.222e+001	1.439e+001	5.593e+000	2.305e+000	2876.7	2473.18
511	5	2.282e+003	-6.525e+002	-4.222e+001	1.439e+001	5.593e+000	2.305e+000	2876.7	2473.18
512	1	2.786e+003	-6.921e+002	-6.243e+001	-7.413e+000	2.019e+001	-7.221e+000	2818.81	3608.39
512	2	2.753e+003	-8.453e+002	-5.285e+001	-6.819e+000	9.779e+000	-1.015e+001	3029.14	3534.1
512	3	2.118e+003	-6.502e+002	-4.065e+001	-5.245e+000	7.522e+000	-7.811e+000	2330.41	2718.81
512	4	2.118e+003	-6.502e+002	-4.065e+001	-5.245e+000	7.522e+000	-7.811e+000	2330.41	2718.81
512	5	2.118e+003	-6.502e+002	-4.065e+001	-5.245e+000	7.522e+000	-7.811e+000	2330.41	2718.81
513	1	1.972e+003	-2.059e+003	-4.353e+001	3.689e+000	1.474e+002	1.853e+001	1864.65	6196.8
513	2	1.895e+003	-2.516e+003	-4.019e+001	-1.398e+001	7.316e+001	1.806e+001	2403.56	5436.05
513	3	1.458e+003	-1.935e+003	-3.091e+001	-1.076e+001	5.628e+001	1.389e+001	1848.69	4181.6
513	4	1.458e+003	-1.935e+003	-3.091e+001	-1.076e+001	5.628e+001	1.389e+001	1848.69	4181.6
513	5	1.458e+003	-1.935e+003	-3.091e+001	-1.076e+001	5.628e+001	1.389e+001	1848.69	4181.6
514	1	2.499e+003	-6.907e+002	-3.581e+001	1.717e+001	1.780e+001	-7.549e+000	3039.6	2835.51
514	2	2.500e+003	-8.429e+002	-3.274e+001	1.603e+001	6.987e+000	-8.683e+000	3247.72	2815.08
514	3	1.923e+003	-6.484e+002	-2.518e+001	1.233e+001	5.374e+000	-6.679e+000	2498.17	2165.39
514	4	1.923e+003	-6.484e+002	-2.518e+001	1.233e+001	5.374e+000	-6.679e+000	2498.17	2165.39
514	5	1.923e+003	-6.484e+002	-2.518e+001	1.233e+001	5.374e+000	-6.679e+000	2498.17	2165.39
515	1	2.402e+003	-6.903e+002	-1.470e+001	-7.104e+000	2.039e+001	7.183e+000	2426.86	3243.87
515	2	2.410e+003	-8.422e+002	-1.358e+001	-8.620e+000	9.455e+000	6.722e+000	2636.41	3231.76
515	3	1.854e+003	-6.479e+002	-1.045e+001	-6.631e+000	7.273e+000	5.171e+000	2028.19	2486.16
515	4	1.854e+003	-6.479e+002	-1.045e+001	-6.631e+000	7.273e+000	5.171e+000	2028.19	2486.16
515	5	1.854e+003	-6.479e+002	-1.045e+001	-6.631e+000	7.273e+000	5.171e+000	2028.19	2486.16
516	1	1.769e+003	-3.418e+003	-2.746e+002	2.501e+001	4.370e+002	2.672e+001	4582.05	12845.7
516	2	1.597e+003	-4.190e+003	-2.465e+002	-1.932e+001	2.551e+002	2.491e+001	1165.33	10461.5
516	3	1.228e+003	-3.223e+003	-1.896e+002	-1.486e+001	1.963e+002	1.916e+001	896.44	8048.24
516	4	1.228e+003	-3.223e+003	-1.896e+002	-1.486e+001	1.963e+002	1.916e+001	896.44	8048.24
516	5	1.228e+003	-3.223e+003	-1.896e+002	-1.486e+001	1.963e+002	1.916e+001	896.44	8048.24
517	1	2.241e+003	-3.444e+003	4.115e+002	2.048e+002	4.797e+002	-2.923e+001	6197.06	12271.6
517	2	2.043e+003	-4.234e+003	3.406e+002	1.617e+002	3.008e+002	-2.513e+001	4641.76	9779.44
517	3	1.571e+003	-3.257e+003	2.620e+002	1.244e+002	2.314e+002	-1.933e+001	3570.32	7522.67
517	4	1.571e+003	-3.257e+003	2.620e+002	1.244e+002	2.314e+002	-1.933e+001	3570.32	7522.67
517	5	1.571e+003	-3.257e+003	2.620e+002	1.244e+002	2.314e+002	-1.933e+001	3570.32	7522.67
518	1	2.090e+003	-2.061e+003	1.169e+002	6.962e+001	1.439e+002	1.998e+001	3273.11	5327.45
518	2	2.008e+003	-2.519e+003	1.088e+002	5.211e+001	7.004e+001	2.102e+001	3846.18	4507.41
518	3	1.545e+003	-1.937e+003	8.368e+001	4.009e+001	5.387e+001	1.617e+001	2958.68	3466.61
518	4	1.545e+003	-1.937e+003	8.368e+001	4.009e+001	5.387e+001	1.617e+001	2958.68	3466.61
518	5	1.545e+003	-1.937e+003	8.368e+001	4.009e+001	5.387e+001	1.617e+001	2958.68	3466.61
519	1	2.412e+003	-6.903e+002	1.825e+001	-7.059e+000	2.040e+001	-7.072e+000	2436.65	3252.89
519	2	2.421e+003	-8.422e+002	1.742e+001	-8.571e+000	9.467e+000	-6.602e+000	2647.08	3241.74
519	3	1.863e+003	-6.479e+002	1.340e+001	-6.593e+000	7.282e+000	-5.078e+000	2036.93	2494.34
519	4	1.863e+003	-6.479e+002	1.340e+001	-6.593e+000	7.282e+000	-5.078e+000	2036.93	2494.34
519	5	1.863e+003	-6.479e+002	1.340e+001	-6.593e+000	7.282e+000	-5.078e+000	2036.93	2494.34
520	1	2.523e+003	-6.907e+002	3.936e+001	1.729e+001	1.783e+001	7.697e+000	3066.56	2856.32
520	2	2.525e+003	-8.429e+002	3.657e+001	1.616e+001	7.016e+000	8.843e+000	3275.6	2836.7
520	3	1.943e+003	-6.484e+002	2.813e+001	1.243e+001	5.397e+000	6.802e+000	2520.36	2182.76
520	4	1.943e+003	-6.484e+002	2.813e+001	1.243e+001	5.397e+000	6.802e+000	2520.36	2182.76
520	5	1.943e+003	-6.484e+002	2.813e+001	1.243e+001	5.397e+000	6.802e+000	2520.36	2182.76
521	1	2.689e+003	-2.076e+003	2.365e+002	6.932e+001	1.426e+002	-1.955e+001	3754.01	5778.76
521	2	2.541e+003	-2.545e+003	1.867e+002	5.489e+001	7.144e+001	-1.463e+001	4309.73	4923.68

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
521	3	1.955e+003	-1.957e+003	1.436e+002	4.222e+001	5.495e+001	-1.125e+001	3315.07	3787
521	4	1.955e+003	-1.957e+003	1.436e+002	4.222e+001	5.495e+001	-1.125e+001	3315.07	3787
521	5	1.955e+003	-1.957e+003	1.436e+002	4.222e+001	5.495e+001	-1.125e+001	3315.07	3787
522	1	2.830e+003	-6.922e+002	6.586e+001	-7.140e+000	2.025e+001	7.499e+000	2868.98	3646.66
522	2	2.800e+003	-8.453e+002	5.656e+001	-6.524e+000	9.845e+000	1.045e+001	3082.11	3574.99
522	3	2.154e+003	-6.502e+002	4.351e+001	-5.018e+000	7.573e+000	8.041e+000	2371.01	2750.12
522	4	2.154e+003	-6.502e+002	4.351e+001	-5.018e+000	7.573e+000	8.041e+000	2371.01	2750.12
522	5	2.154e+003	-6.502e+002	4.351e+001	-5.018e+000	7.573e+000	8.041e+000	2371.01	2750.12
523	1	3.107e+003	-6.940e+002	7.648e+001	1.641e+001	1.720e+001	-7.725e+000	3624.26	3441.8
523	2	3.027e+003	-8.484e+002	5.828e+001	1.917e+001	7.368e+000	-2.534e+000	3807.27	3265.3
523	3	2.329e+003	-6.526e+002	4.483e+001	1.475e+001	5.668e+000	-1.949e+000	2929.27	2512.2
523	4	2.329e+003	-6.526e+002	4.483e+001	1.475e+001	5.668e+000	-1.949e+000	2929.27	2512.2
523	5	2.329e+003	-6.526e+002	4.483e+001	1.475e+001	5.668e+000	-1.949e+000	2929.27	2512.2
524	1	1.700e+003	-3.413e+003	2.441e+002	2.048e+002	4.807e+002	-2.969e+001	5979.89	12029.8
524	2	1.535e+003	-4.182e+003	2.258e+002	1.596e+002	2.982e+002	-2.832e+001	4158.34	9486.79
524	3	1.180e+003	-3.217e+003	1.737e+002	1.228e+002	2.294e+002	-2.178e+001	3198.52	7297.38
524	4	1.180e+003	-3.217e+003	1.737e+002	1.228e+002	2.294e+002	-2.178e+001	3198.52	7297.38
524	5	1.180e+003	-3.217e+003	1.737e+002	1.228e+002	2.294e+002	-2.178e+001	3198.52	7297.38
525	1	4.914e+003	-3.195e+003	7.481e+002	-2.751e+001	2.162e+002	-2.665e+001	3955.56	11469.7
525	2	4.365e+003	-3.920e+003	2.882e+002	-4.937e+001	1.055e+002	1.397e+001	4684.96	9840.97
525	3	3.358e+003	-3.015e+003	2.217e+002	-3.797e+001	8.115e+001	1.075e+001	3604.02	7569.72
525	4	3.358e+003	-3.015e+003	2.217e+002	-3.797e+001	8.115e+001	1.075e+001	3604.02	7569.72
525	5	3.358e+003	-3.015e+003	2.217e+002	-3.797e+001	8.115e+001	1.075e+001	3604.02	7569.72
526	1	3.620e+003	-2.101e+003	2.321e+002	-1.460e+001	1.249e+002	-3.311e+001	3243.58	7517.69
526	2	3.210e+003	-2.595e+003	4.387e+001	-1.811e+001	6.397e+001	-1.506e+001	3723.07	6466.16
526	3	2.469e+003	-1.996e+003	3.375e+001	-1.393e+001	4.921e+001	-1.159e+001	2863.57	4973.69
526	4	2.469e+003	-1.996e+003	3.375e+001	-1.393e+001	4.921e+001	-1.159e+001	2863.57	4973.69
526	5	2.469e+003	-1.996e+003	3.375e+001	-1.393e+001	4.921e+001	-1.159e+001	2863.57	4973.69
527	1	3.563e+003	-6.982e+002	7.374e+001	9.307e+000	1.431e+001	1.586e+000	3975.21	3962.45
527	2	3.318e+003	-8.555e+002	2.986e+001	1.836e+001	6.094e+000	1.304e+001	4129.5	3566.44
527	3	2.553e+003	-6.580e+002	2.297e+001	1.412e+001	4.688e+000	1.003e+001	3177.1	2744.09
527	4	2.553e+003	-6.580e+002	2.297e+001	1.412e+001	4.688e+000	1.003e+001	3177.1	2744.09
527	5	2.553e+003	-6.580e+002	2.297e+001	1.412e+001	4.688e+000	1.003e+001	3177.1	2744.09
528	1	3.840e+003	-6.996e+002	5.891e+001	-3.207e+001	1.218e+001	-2.478e+001	3536.04	5103.24
528	2	3.384e+003	-8.596e+002	-1.428e+001	-1.597e+001	5.791e+000	-5.670e+000	3506.43	4275.56
528	3	2.603e+003	-6.612e+002	-1.099e+001	-1.228e+001	4.455e+000	-4.362e+000	2697.25	3288.71
528	4	2.603e+003	-6.612e+002	-1.099e+001	-1.228e+001	4.455e+000	-4.362e+000	2697.25	3288.71
528	5	2.603e+003	-6.612e+002	-1.099e+001	-1.228e+001	4.455e+000	-4.362e+000	2697.25	3288.71
529	1	4.769e+003	-2.004e+003	4.562e+002	-3.811e+001	4.927e+001	-6.642e+001	4848.16	8082.13
529	2	3.752e+003	-2.436e+003	8.644e+001	-3.676e+001	9.113e+000	-1.787e+001	4610.5	6263.95
529	3	2.886e+003	-1.874e+003	6.649e+001	-2.828e+001	7.010e+000	-1.374e+001	3546.45	4818.43
529	4	2.886e+003	-1.874e+003	6.649e+001	-2.828e+001	7.010e+000	-1.374e+001	3546.45	4818.43
529	5	2.886e+003	-1.874e+003	6.649e+001	-2.828e+001	7.010e+000	-1.374e+001	3546.45	4818.43
530	1	4.210e+003	-6.828e+002	6.543e+001	-4.171e+001	-2.800e+000	-6.326e+001	4327.67	5844.33
530	2	3.195e+003	-8.449e+002	-7.015e+001	-1.517e+001	-5.613e+000	-2.577e+001	3615.44	3988.39
530	3	2.458e+003	-6.499e+002	-5.396e+001	-1.167e+001	-4.318e+000	-1.983e+001	2781.43	3068.34
530	4	2.458e+003	-6.499e+002	-5.396e+001	-1.167e+001	-4.318e+000	-1.983e+001	2781.43	3068.34
530	5	2.458e+003	-6.499e+002	-5.396e+001	-1.167e+001	-4.318e+000	-1.983e+001	2781.43	3068.34
531	1	4.624e+003	-6.855e+002	1.376e+002	-4.611e+001	-3.262e+000	-8.538e+001	4936.37	6675.2
531	2	3.079e+003	-8.301e+002	-1.879e+001	-2.997e+001	-5.760e+000	-3.404e+001	3294.82	4234.24
531	3	2.368e+003	-6.386e+002	-1.445e+001	-2.305e+001	-4.430e+000	-2.619e+001	2534.23	3256.7
531	4	2.368e+003	-6.386e+002	-1.445e+001	-2.305e+001	-4.430e+000	-2.619e+001	2534.23	3256.7
531	5	2.368e+003	-6.386e+002	-1.445e+001	-2.305e+001	-4.430e+000	-2.619e+001	2534.23	3256.7
532	1	3.667e+003	-3.482e+003	4.879e+002	1.918e+000	3.872e+002	1.689e+001	4222.36	13354.3
532	2	3.299e+003	-4.340e+003	1.789e+002	-2.907e+001	2.315e+002	3.571e+001	3025.04	11412.8
532	3	2.538e+003	-3.338e+003	1.376e+002	-2.236e+001	1.780e+002	2.747e+001	2327.64	8777.41
532	4	2.538e+003	-3.338e+003	1.376e+002	-2.236e+001	1.780e+002	2.747e+001	2327.64	8777.41
532	5	2.538e+003	-3.338e+003	1.376e+002	-2.236e+001	1.780e+002	2.747e+001	2327.64	8777.41
533	1	-2.503e+003	-1.082e+004	-5.496e+001	-2.068e+002	-8.288e+002	-6.834e-001	16815.4	2811.94
533	2	-3.182e+003	-1.354e+004	-5.352e+001	-2.485e+002	-9.949e+002	-5.189e-001	20670.3	3858.85
533	3	-2.448e+003	-1.042e+004	-4.117e+001	-1.911e+002	-7.653e+002	-3.992e-001	15904.7	2972.68
533	4	-2.448e+003	-1.042e+004	-4.117e+001	-1.911e+002	-7.653e+002	-3.992e-001	15904.7	2972.68
533	5	-2.448e+003	-1.042e+004	-4.117e+001	-1.911e+002	-7.653e+002	-3.992e-001	15904.7	2972.68
534	1	-1.898e+003	-9.829e+003	-5.291e+001	-5.063e+002	-2.033e+003	-1.837e+000	26206	8186.86
534	2	-2.507e+003	-1.228e+004	-5.146e+001	-6.118e+002	-2.452e+003	-1.695e+000	31953.9	9513.56
534	3	-1.929e+003	-9.449e+003	-3.958e+001	-4.706e+002	-1.887e+003	-1.304e+000	24590.3	7323.14
534	4	-1.929e+003	-9.449e+003	-3.958e+001	-4.706e+002	-1.887e+003	-1.304e+000	24590.3	7323.14

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
534	5	-1.929e+003	-9.449e+003	-3.958e+001	-4.706e+002	-1.887e+003	-1.304e+000	24590.3	7323.14
535	1	-1.310e+003	-8.831e+003	-4.954e+001	-6.430e+002	-2.599e+003	-5.789e+000	30204.2	13794.6
535	2	-1.849e+003	-1.102e+004	-4.794e+001	-7.862e+002	-3.168e+003	-5.682e+000	36982.8	16621.9
535	3	-1.422e+003	-8.476e+003	-3.687e+001	-6.047e+002	-2.437e+003	-4.371e+000	28448.4	12787.7
535	4	-1.422e+003	-8.476e+003	-3.687e+001	-6.047e+002	-2.437e+003	-4.371e+000	28448.4	12787.7
535	5	-1.422e+003	-8.476e+003	-3.687e+001	-6.047e+002	-2.437e+003	-4.371e+000	28448.4	12787.7
536	1	-5.283e+002	-7.817e+003	-7.088e+002	-6.668e+002	-2.573e+003	-1.687e+001	29185.2	14359.6
536	2	-9.822e+002	-9.762e+003	-7.030e+002	-8.260e+002	-3.201e+003	-1.644e+001	36236.2	17879.5
536	3	-7.555e+002	-7.509e+003	-5.408e+002	-6.354e+002	-2.463e+003	-1.265e+001	27880.1	13759.7
536	4	-7.555e+002	-7.509e+003	-5.408e+002	-6.354e+002	-2.463e+003	-1.265e+001	27880.1	13759.7
536	5	-7.555e+002	-7.509e+003	-5.408e+002	-6.354e+002	-2.463e+003	-1.265e+001	27880.1	13759.7
537	1	4.359e+001	-6.810e+003	-6.200e+002	-5.754e+002	-2.028e+003	-4.449e+001	23674.6	10594.3
537	2	-3.406e+002	-8.485e+003	-6.074e+002	-7.324e+002	-2.648e+003	-4.516e+001	30407.6	14249.6
537	3	-2.620e+002	-6.527e+003	-4.672e+002	-5.633e+002	-2.037e+003	-3.474e+001	23391.5	10961.9
537	4	-2.620e+002	-6.527e+003	-4.672e+002	-5.633e+002	-2.037e+003	-3.474e+001	23391.5	10961.9
537	5	-2.620e+002	-6.527e+003	-4.672e+002	-5.633e+002	-2.037e+003	-3.474e+001	23391.5	10961.9
538	1	5.754e+002	-5.783e+003	-5.216e+002	-4.453e+002	-1.039e+003	-8.931e+001	14269	4441.4
538	2	2.583e+002	-7.186e+003	-5.032e+002	-5.861e+002	-1.597e+003	-9.108e+001	20196.3	7020.94
538	3	1.987e+002	-5.527e+003	-3.871e+002	-4.508e+002	-1.229e+003	-7.006e+001	15539.9	5404.62
538	4	1.987e+002	-5.527e+003	-3.871e+002	-4.508e+002	-1.229e+003	-7.006e+001	15539.9	5404.62
538	5	1.987e+002	-5.527e+003	-3.871e+002	-4.508e+002	-1.229e+003	-7.006e+001	15539.9	5404.62
539	1	-7.437e+002	-7.824e+003	-4.504e+001	-6.242e+002	-2.586e+003	-1.742e+001	29333.7	14555.7
539	2	-1.213e+003	-9.744e+003	-4.323e+001	-7.832e+002	-3.217e+003	-1.735e+001	36389.7	18145.7
539	3	-9.327e+002	-7.495e+003	-3.325e+001	-6.024e+002	-2.475e+003	-1.335e+001	27995.5	13962.1
539	4	-9.327e+002	-7.495e+003	-3.325e+001	-6.024e+002	-2.475e+003	-1.335e+001	27995.5	13962.1
539	5	-9.327e+002	-7.495e+003	-3.325e+001	-6.024e+002	-2.475e+003	-1.335e+001	27995.5	13962.1
540	1	-2.043e+002	-6.804e+003	-3.965e+001	-4.452e+002	-2.050e+003	-4.753e+001	24148	11004.4
540	2	-6.023e+002	-8.454e+003	-3.764e+001	-6.022e+002	-2.673e+003	-4.744e+001	30878.7	14762.3
540	3	-4.633e+002	-6.503e+003	-2.896e+001	-4.632e+002	-2.056e+003	-3.650e+001	23751.4	11354.4
540	4	-4.633e+002	-6.503e+003	-2.896e+001	-4.632e+002	-2.056e+003	-3.650e+001	23751.4	11354.4
540	5	-4.633e+002	-6.503e+003	-2.896e+001	-4.632e+002	-2.056e+003	-3.650e+001	23751.4	11354.4
541	1	3.052e+002	-5.769e+003	-3.362e+001	-7.109e+001	-1.023e+003	-1.027e+002	15280	3798.13
541	2	-2.176e+001	-7.150e+003	-3.149e+001	-2.130e+002	-1.585e+003	-1.025e+002	21142.7	7120.41
541	3	-1.674e+001	-5.500e+003	-2.423e+001	-1.638e+002	-1.220e+003	-7.883e+001	16270.9	5484.1
541	4	-1.674e+001	-5.500e+003	-2.423e+001	-1.638e+002	-1.220e+003	-7.883e+001	16270.9	5484.1
541	5	-1.674e+001	-5.500e+003	-2.423e+001	-1.638e+002	-1.220e+003	-7.883e+001	16270.9	5484.1
542	1	8.135e+002	-4.641e+003	-2.670e+001	5.453e+002	6.688e+002	-9.521e+001	5536.22	9637.17
542	2	5.630e+002	-5.733e+003	-2.461e+001	4.294e+002	2.110e+002	-9.514e+001	7409.75	6856.18
542	3	4.330e+002	-4.410e+003	-1.893e+001	3.303e+002	1.623e+002	-7.318e+001	5699.72	5273.91
542	4	4.330e+002	-4.410e+003	-1.893e+001	3.303e+002	1.623e+002	-7.318e+001	5699.72	5273.91
542	5	4.330e+002	-4.410e+003	-1.893e+001	3.303e+002	1.623e+002	-7.318e+001	5699.72	5273.91
543	1	1.603e+003	-3.432e+003	-2.886e+002	-2.096e+002	8.713e+002	3.158e+001	4927.44	13773.8
543	2	1.431e+003	-4.227e+003	-2.661e+002	-2.869e+002	5.541e+002	2.728e+001	1933.66	12057.7
543	3	1.101e+003	-3.252e+003	-2.047e+002	-2.207e+002	4.262e+002	2.098e+001	1486.67	9275.57
543	4	1.101e+003	-3.252e+003	-2.047e+002	-2.207e+002	4.262e+002	2.098e+001	1486.67	9275.57
543	5	1.101e+003	-3.252e+003	-2.047e+002	-2.207e+002	4.262e+002	2.098e+001	1486.67	9275.57
544	1	1.313e+003	-3.418e+003	-1.904e+001	7.364e+002	1.235e+003	4.944e+001	8224.69	13152.9
544	2	1.145e+003	-4.201e+003	-1.720e+001	6.554e+002	9.147e+002	4.902e+001	6400.83	11182
544	3	8.807e+002	-3.232e+003	-1.323e+001	5.041e+002	7.036e+002	3.771e+001	4923.19	8601.86
544	4	8.807e+002	-3.232e+003	-1.323e+001	5.041e+002	7.036e+002	3.771e+001	4923.19	8601.86
544	5	8.807e+002	-3.232e+003	-1.323e+001	5.041e+002	7.036e+002	3.771e+001	4923.19	8601.86
545	1	-2.278e+003	-1.052e+004	1.816e+003	-2.088e+002	-8.269e+002	-4.688e+000	16847.6	4153.87
545	2	-2.944e+003	-1.329e+004	1.873e+003	-2.509e+002	-9.906e+002	-1.223e+001	20675.3	5085.12
545	3	-2.264e+003	-1.022e+004	1.441e+003	-1.930e+002	-7.620e+002	-9.408e+000	15901.4	3909.84
545	4	-2.264e+003	-1.022e+004	1.441e+003	-1.930e+002	-7.620e+002	-9.408e+000	15901.4	3909.84
545	5	-2.264e+003	-1.022e+004	1.441e+003	-1.930e+002	-7.620e+002	-9.408e+000	15901.4	3909.84
546	1	-1.441e+003	-9.641e+003	1.730e+003	-5.129e+002	-2.027e+003	-2.293e+000	26254.3	8755.9
546	2	-2.003e+003	-1.216e+004	1.775e+003	-6.195e+002	-2.440e+003	-8.683e+000	31990.8	9942.73
546	3	-1.541e+003	-9.352e+003	1.365e+003	-4.766e+002	-1.877e+003	-6.679e+000	24606.9	7650.26
546	4	-1.541e+003	-9.352e+003	1.365e+003	-4.766e+002	-1.877e+003	-6.679e+000	24606.9	7650.26
546	5	-1.541e+003	-9.352e+003	1.365e+003	-4.766e+002	-1.877e+003	-6.679e+000	24606.9	7650.26
547	1	-6.583e+002	-8.736e+003	1.591e+003	-6.598e+002	-2.588e+003	3.709e+000	30295.7	13894.9
547	2	-1.127e+003	-1.100e+004	1.616e+003	-8.044e+002	-3.147e+003	-4.978e-001	37045.1	16513.8
547	3	-8.672e+002	-8.459e+003	1.243e+003	-6.188e+002	-2.420e+003	-3.829e-001	28486.5	12698.5
547	4	-8.672e+002	-8.459e+003	1.243e+003	-6.188e+002	-2.420e+003	-3.829e-001	28486.5	12698.5
547	5	-8.672e+002	-8.459e+003	1.243e+003	-6.188e+002	-2.420e+003	-3.829e-001	28486.5	12698.5
548	1	-5.873e+002	-7.816e+003	6.081e+002	-6.245e+002	-2.585e+003	1.737e+001	29394.6	14540.3

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
548	2	-1.046e+003	-9.752e+003	6.064e+002	-7.837e+002	-3.214e+003	1.704e+001	36443.6	18088.8
548	3	-8.046e+002	-7.501e+003	4.665e+002	-6.029e+002	-2.472e+003	1.311e+001	28030	13912.1
548	4	-8.046e+002	-7.501e+003	4.665e+002	-6.029e+002	-2.472e+003	1.311e+001	28030	13912.1
548	5	-8.046e+002	-7.501e+003	4.665e+002	-6.029e+002	-2.472e+003	1.311e+001	28030	13912.1
549	1	-2.341e+001	-6.805e+003	5.343e+002	-4.454e+002	-2.049e+003	4.783e+001	24249.6	10937.4
549	2	-4.116e+002	-8.472e+003	5.276e+002	-6.026e+002	-2.670e+003	4.829e+001	30968.1	14660.4
549	3	-3.166e+002	-6.517e+003	4.059e+002	-4.636e+002	-2.054e+003	3.715e+001	23822.9	11278.4
549	4	-3.166e+002	-6.517e+003	4.059e+002	-4.636e+002	-2.054e+003	3.715e+001	23822.9	11278.4
549	5	-3.166e+002	-6.517e+003	4.059e+002	-4.636e+002	-2.054e+003	3.715e+001	23822.9	11278.4
550	1	5.037e+002	-5.776e+003	4.520e+002	-7.116e+001	-1.022e+003	1.033e+002	15473	3492.22
550	2	1.843e+002	-7.171e+003	4.410e+002	-2.130e+002	-1.582e+003	1.045e+002	21296.9	6899.21
550	3	1.418e+002	-5.516e+003	3.392e+002	-1.639e+002	-1.217e+003	8.039e+001	16382.6	5307.81
550	4	1.418e+002	-5.516e+003	3.392e+002	-1.639e+002	-1.217e+003	8.039e+001	16382.6	5307.81
550	5	1.418e+002	-5.516e+003	3.392e+002	-1.639e+002	-1.217e+003	8.039e+001	16382.6	5307.81
551	1	5.956e+001	-7.801e+003	1.411e+003	-6.703e+002	-2.568e+003	1.721e+001	29391	14371.3
551	2	-3.291e+002	-9.801e+003	1.411e+003	-8.305e+002	-3.185e+003	1.599e+001	36390.4	17695.8
551	3	-2.532e+002	-7.539e+003	1.085e+003	-6.389e+002	-2.450e+003	1.230e+001	27992.2	13612.2
551	4	-2.532e+002	-7.539e+003	1.085e+003	-6.389e+002	-2.450e+003	1.230e+001	27992.2	13612.2
551	5	-2.532e+002	-7.539e+003	1.085e+003	-6.389e+002	-2.450e+003	1.230e+001	27992.2	13612.2
552	1	7.056e+002	-6.831e+003	1.204e+003	-5.779e+002	-2.023e+003	4.639e+001	23961.8	10593.1
552	2	3.839e+002	-8.562e+003	1.178e+003	-7.355e+002	-2.631e+003	4.863e+001	30628.8	14023.4
552	3	2.953e+002	-6.586e+003	9.060e+002	-5.658e+002	-2.024e+003	3.741e+001	23561.8	10788.6
552	4	2.953e+002	-6.586e+003	9.060e+002	-5.658e+002	-2.024e+003	3.741e+001	23561.8	10788.6
552	5	2.953e+002	-6.586e+003	9.060e+002	-5.658e+002	-2.024e+003	3.741e+001	23561.8	10788.6
553	1	1.278e+003	-5.824e+003	9.820e+002	-4.464e+002	-1.035e+003	9.212e+001	14650	4872.61
553	2	1.011e+003	-7.279e+003	9.327e+002	-5.871e+002	-1.581e+003	9.793e+001	20484.4	7085.15
553	3	7.778e+002	-5.599e+003	7.174e+002	-4.516e+002	-1.216e+003	7.533e+001	15755.7	5449.37
553	4	7.778e+002	-5.599e+003	7.174e+002	-4.516e+002	-1.216e+003	7.533e+001	15755.7	5449.37
553	5	7.778e+002	-5.599e+003	7.174e+002	-4.516e+002	-1.216e+003	7.533e+001	15755.7	5449.37
554	1	1.811e+003	-4.705e+003	7.410e+002	-2.927e+002	3.458e+002	7.458e+001	2805.1	10959.3
554	2	1.591e+003	-5.858e+003	6.746e+002	-4.043e+002	-9.732e+001	8.409e+001	6496.57	8948.21
554	3	1.224e+003	-4.506e+003	5.190e+002	-3.110e+002	-7.486e+001	6.469e+001	4997.33	6883.25
554	4	1.224e+003	-4.506e+003	5.190e+002	-3.110e+002	-7.486e+001	6.469e+001	4997.33	6883.25
554	5	1.224e+003	-4.506e+003	5.190e+002	-3.110e+002	-7.486e+001	6.469e+001	4997.33	6883.25
555	1	1.530e+003	-3.426e+003	2.541e+002	7.368e+002	1.236e+003	-4.835e+001	8310.1	13232.1
555	2	1.361e+003	-4.217e+003	2.396e+002	6.564e+002	9.167e+002	-4.507e+001	6545.08	11269.8
555	3	1.047e+003	-3.244e+003	1.843e+002	5.049e+002	7.051e+002	-3.467e+001	5034.5	8668.81
555	4	1.047e+003	-3.244e+003	1.843e+002	5.049e+002	7.051e+002	-3.467e+001	5034.5	8668.81
555	5	1.047e+003	-3.244e+003	1.843e+002	5.049e+002	7.051e+002	-3.467e+001	5034.5	8668.81
556	1	2.302e+003	-3.472e+003	4.929e+002	-2.083e+002	8.723e+002	-2.793e+001	4558.9	14321.3
556	2	2.127e+003	-4.299e+003	4.206e+002	-2.823e+002	5.625e+002	-1.512e+001	1399.65	12691
556	3	1.636e+003	-3.307e+003	3.235e+002	-2.172e+002	4.327e+002	-1.163e+001	1077.05	9762.66
556	4	1.636e+003	-3.307e+003	3.235e+002	-2.172e+002	4.327e+002	-1.163e+001	1077.05	9762.66
556	5	1.636e+003	-3.307e+003	3.235e+002	-2.172e+002	4.327e+002	-1.163e+001	1077.05	9762.66
557	1	-5.949e+002	-9.037e+003	7.303e+003	-1.891e+002	-6.953e+002	-2.299e+002	17036.5	16705.6
557	2	-9.611e+002	-1.163e+004	8.073e+003	-2.246e+002	-8.298e+002	-2.820e+002	20372.4	19107.3
557	3	-7.393e+002	-8.943e+003	6.210e+003	-1.728e+002	-6.383e+002	-2.169e+002	15668.3	14696.9
557	4	-7.393e+002	-8.943e+003	6.210e+003	-1.728e+002	-6.383e+002	-2.169e+002	15668.3	14696.9
557	5	-7.393e+002	-8.943e+003	6.210e+003	-1.728e+002	-6.383e+002	-2.169e+002	15668.3	14696.9
558	1	2.527e+003	-7.300e+003	6.362e+003	-4.421e+002	-1.666e+003	-1.814e+002	23579.6	15913.2
558	2	2.714e+003	-9.410e+003	6.933e+003	-5.256e+002	-1.994e+003	-2.253e+002	28323.7	17862.9
558	3	2.088e+003	-7.239e+003	5.333e+003	-4.043e+002	-1.534e+003	-1.733e+002	21789.5	13740.8
558	4	2.088e+003	-7.239e+003	5.333e+003	-4.043e+002	-1.534e+003	-1.733e+002	21789.5	13740.8
558	5	2.088e+003	-7.239e+003	5.333e+003	-4.043e+002	-1.534e+003	-1.733e+002	21789.5	13740.8
559	1	4.585e+003	-6.180e+003	5.539e+003	-5.456e+002	-2.076e+003	-9.771e+001	26614.7	16330.2
559	2	5.102e+003	-7.929e+003	5.943e+003	-6.520e+002	-2.499e+003	-1.265e+002	31945.2	18564.4
559	3	3.925e+003	-6.100e+003	4.572e+003	-5.015e+002	-1.923e+003	-9.729e+001	24580.8	14283.7
559	4	3.925e+003	-6.100e+003	4.572e+003	-5.015e+002	-1.923e+003	-9.729e+001	24580.8	14283.7
559	5	3.925e+003	-6.100e+003	4.572e+003	-5.015e+002	-1.923e+003	-9.729e+001	24580.8	14283.7
560	1	1.751e+003	-7.686e+003	2.654e+003	-7.137e+002	-2.510e+003	-1.034e+001	29399.4	14535.4
560	2	1.647e+003	-9.743e+003	2.722e+003	-8.738e+002	-3.085e+003	-1.439e+001	36122.4	17332.6
560	3	1.267e+003	-7.495e+003	2.094e+003	-6.721e+002	-2.373e+003	-1.107e+001	27786.4	13332
560	4	1.267e+003	-7.495e+003	2.094e+003	-6.721e+002	-2.373e+003	-1.107e+001	27786.4	13332
560	5	1.267e+003	-7.495e+003	2.094e+003	-6.721e+002	-2.373e+003	-1.107e+001	27786.4	13332
561	1	2.524e+003	-6.816e+003	2.136e+003	-6.220e+002	-1.988e+003	-1.567e+001	24217.9	11243.7
561	2	2.482e+003	-8.625e+003	2.109e+003	-7.778e+002	-2.547e+003	-8.018e+000	30588.6	13907.4
561	3	1.909e+003	-6.635e+003	1.622e+003	-5.983e+002	-1.959e+003	-6.168e+000	23527.8	10695.9

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
561	4	1.909e+003	-6.635e+003	1.622e+003	-5.983e+002	-1.959e+003	-6.168e+000	23527.8	10695.9
561	5	1.909e+003	-6.635e+003	1.622e+003	-5.983e+002	-1.959e+003	-6.168e+000	23527.8	10695.9
562	1	3.093e+003	-5.858e+003	1.617e+003	-4.870e+002	-1.035e+003	-4.944e+001	15013.1	7548.28
562	2	3.060e+003	-7.398e+003	1.502e+003	-6.232e+002	-1.532e+003	-2.932e+001	20621.1	8673.47
562	3	2.354e+003	-5.691e+003	1.156e+003	-4.794e+002	-1.179e+003	-2.255e+001	15867.7	6673.84
562	4	2.354e+003	-5.691e+003	1.156e+003	-4.794e+002	-1.179e+003	-2.255e+001	15867.7	6673.84
562	5	2.354e+003	-5.691e+003	1.156e+003	-4.794e+002	-1.179e+003	-2.255e+001	15867.7	6673.84
563	1	5.952e+003	-5.451e+003	4.653e+003	-5.189e+002	-2.038e+003	4.490e-001	26382	14852.5
563	2	6.651e+003	-6.913e+003	4.887e+003	-6.295e+002	-2.484e+003	-7.270e+000	31700.6	17140.9
563	3	5.116e+003	-5.318e+003	3.759e+003	-4.842e+002	-1.911e+003	-5.592e+000	24387.4	13186.1
563	4	5.116e+003	-5.318e+003	3.759e+003	-4.842e+002	-1.911e+003	-5.592e+000	24387.4	13186.1
563	5	5.116e+003	-5.318e+003	3.759e+003	-4.842e+002	-1.911e+003	-5.592e+000	24387.4	13186.1
564	1	6.597e+003	-4.954e+003	3.710e+003	-3.679e+002	-1.638e+003	7.516e+001	23341.3	11477.2
564	2	7.318e+003	-6.176e+003	3.774e+003	-4.693e+002	-2.055e+003	9.188e+001	28186.9	13442.9
564	3	5.629e+003	-4.751e+003	2.903e+003	-3.610e+002	-1.581e+003	7.068e+001	21684.3	10341.6
564	4	5.629e+003	-4.751e+003	2.903e+003	-3.610e+002	-1.581e+003	7.068e+001	21684.3	10341.6
564	5	5.629e+003	-4.751e+003	2.903e+003	-3.610e+002	-1.581e+003	7.068e+001	21684.3	10341.6
565	1	6.534e+003	-4.562e+003	2.816e+003	-7.562e+001	-9.329e+002	8.138e+001	18082.5	7232.34
565	2	7.128e+003	-5.574e+003	2.730e+003	-1.583e+002	-1.286e+003	1.238e+002	22081.5	8231.07
565	3	5.483e+003	-4.288e+003	2.100e+003	-1.218e+002	-9.889e+002	9.522e+001	16982.9	6330.89
565	4	5.483e+003	-4.288e+003	2.100e+003	-1.218e+002	-9.889e+002	9.522e+001	16982.9	6330.89
565	5	5.483e+003	-4.288e+003	2.100e+003	-1.218e+002	-9.889e+002	9.522e+001	16982.9	6330.89
566	1	6.642e+003	-4.070e+003	2.205e+003	3.806e+002	2.391e+002	4.943e+001	12149.9	8819.58
566	2	6.968e+003	-4.871e+003	2.004e+003	3.234e+002	-2.204e+001	1.183e+002	14339.8	7616.55
566	3	5.360e+003	-3.747e+003	1.541e+003	2.488e+002	-1.695e+001	9.099e+001	11030.5	5858.59
566	4	5.360e+003	-3.747e+003	1.541e+003	2.488e+002	-1.695e+001	9.099e+001	11030.5	5858.59
566	5	5.360e+003	-3.747e+003	1.541e+003	2.488e+002	-1.695e+001	9.099e+001	11030.5	5858.59
567	1	3.791e+003	-3.504e+003	6.446e+002	-2.450e+002	8.130e+002	4.072e+001	4024.53	15125.7
567	2	3.630e+003	-4.393e+003	4.214e+002	-3.055e+002	5.368e+002	8.526e+001	2230.74	13879.9
567	3	2.792e+003	-3.379e+003	3.241e+002	-2.350e+002	4.129e+002	6.558e+001	1715.74	10676.2
567	4	2.792e+003	-3.379e+003	3.241e+002	-2.350e+002	4.129e+002	6.558e+001	1715.74	10676.2
567	5	2.792e+003	-3.379e+003	3.241e+002	-2.350e+002	4.129e+002	6.558e+001	1715.74	10676.2
568	1	6.165e+003	-3.260e+003	9.408e+002	5.509e+002	6.555e+002	5.057e+001	10488.2	9976.08
568	2	6.119e+003	-3.830e+003	6.790e+002	5.159e+002	4.889e+002	1.459e+002	11176.1	9200.2
568	3	4.707e+003	-2.946e+003	5.223e+002	3.969e+002	3.761e+002	1.122e+002	8597.26	7076.82
568	4	4.707e+003	-2.946e+003	5.223e+002	3.969e+002	3.761e+002	1.122e+002	8597.26	7076.82
568	5	4.707e+003	-2.946e+003	5.223e+002	3.969e+002	3.761e+002	1.122e+002	8597.26	7076.82
569	1	-2.227e+003	-1.046e+004	-2.029e+003	-2.094e+002	-8.264e+002	7.978e+000	16859.3	4470.95
569	2	-2.886e+003	-1.323e+004	-2.103e+003	-2.516e+002	-9.892e+002	1.759e+001	20668	5410.56
569	3	-2.220e+003	-1.018e+004	-1.618e+003	-1.935e+002	-7.609e+002	1.353e+001	15901.4	4164.5
569	4	-2.220e+003	-1.018e+004	-1.618e+003	-1.935e+002	-7.609e+002	1.353e+001	15901.4	4164.5
569	5	-2.220e+003	-1.018e+004	-1.618e+003	-1.935e+002	-7.609e+002	1.353e+001	15901.4	4164.5
570	1	-1.340e+003	-9.604e+003	-1.927e+003	-5.147e+002	-2.025e+003	7.236e+000	26256.8	8909.74
570	2	-1.884e+003	-1.213e+004	-1.985e+003	-6.215e+002	-2.436e+003	1.538e+001	31980.1	10078.7
570	3	-1.449e+003	-9.331e+003	-1.527e+003	-4.781e+002	-1.874e+003	1.183e+001	24601.7	7753.86
570	4	-1.449e+003	-9.331e+003	-1.527e+003	-4.781e+002	-1.874e+003	1.183e+001	24601.7	7753.86
570	5	-1.449e+003	-9.331e+003	-1.527e+003	-4.781e+002	-1.874e+003	1.183e+001	24601.7	7753.86
571	1	-5.162e+002	-8.720e+003	-1.764e+003	-6.621e+002	-2.587e+003	7.958e+000	30320	13978.8
571	2	-9.606e+002	-1.100e+004	-1.796e+003	-8.071e+002	-3.141e+003	1.331e+001	37042.5	16526.8
571	3	-7.389e+002	-8.458e+003	-1.381e+003	-6.208e+002	-2.416e+003	1.024e+001	28489.4	12714.7
571	4	-7.389e+002	-8.458e+003	-1.381e+003	-6.208e+002	-2.416e+003	1.024e+001	28489.4	12714.7
571	5	-7.389e+002	-8.458e+003	-1.381e+003	-6.208e+002	-2.416e+003	1.024e+001	28489.4	12714.7
572	1	2.206e+003	-7.616e+003	-2.909e+003	-6.827e+002	-2.495e+003	1.077e+001	29539.9	14639.9
572	2	2.201e+003	-9.661e+003	-3.005e+003	-8.409e+002	-3.054e+003	1.566e+001	36131.7	17322.3
572	3	1.693e+003	-7.431e+003	-2.312e+003	-6.469e+002	-2.349e+003	1.205e+001	27790.9	13323.9
572	4	1.693e+003	-7.431e+003	-2.312e+003	-6.469e+002	-2.349e+003	1.205e+001	27790.9	13323.9
572	5	1.693e+003	-7.431e+003	-2.312e+003	-6.469e+002	-2.349e+003	1.205e+001	27790.9	13323.9
573	1	2.990e+003	-6.766e+003	-2.302e+003	-5.046e+002	-1.993e+003	1.177e+001	24917.1	11273.7
573	2	3.047e+003	-8.569e+003	-2.282e+003	-6.581e+002	-2.535e+003	2.310e+000	31139	13847.1
573	3	2.343e+003	-6.591e+003	-1.755e+003	-5.063e+002	-1.950e+003	1.777e+000	23951.8	10651.8
573	4	2.343e+003	-6.591e+003	-1.755e+003	-5.063e+002	-1.950e+003	1.777e+000	23951.8	10651.8
573	5	2.343e+003	-6.591e+003	-1.755e+003	-5.063e+002	-1.950e+003	1.777e+000	23951.8	10651.8
574	1	3.523e+003	-5.813e+003	-1.710e+003	-1.282e+002	-1.025e+003	5.399e+001	16834	5790.82
574	2	3.573e+003	-7.350e+003	-1.581e+003	-2.618e+002	-1.504e+003	2.914e+001	22146.8	7177.81
574	3	2.749e+003	-5.654e+003	-1.216e+003	-2.014e+002	-1.157e+003	2.242e+001	17037	5521.86
574	4	2.749e+003	-5.654e+003	-1.216e+003	-2.014e+002	-1.157e+003	2.242e+001	17037	5521.86
574	5	2.749e+003	-5.654e+003	-1.216e+003	-2.014e+002	-1.157e+003	2.242e+001	17037	5521.86

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
575	1	2.299e+002	-7.801e+003	-1.554e+003	-6.725e+002	-2.567e+003	1.574e+001	29406.4	14479
575	2	-1.315e+002	-9.818e+003	-1.554e+003	-8.331e+002	-3.180e+003	1.722e+001	36396.8	17721.1
575	3	-1.011e+002	-7.552e+003	-1.195e+003	-6.408e+002	-2.446e+003	1.325e+001	27995.9	13630.5
575	4	-1.011e+002	-7.552e+003	-1.195e+003	-6.408e+002	-2.446e+003	1.325e+001	27995.9	13630.5
575	5	-1.011e+002	-7.552e+003	-1.195e+003	-6.408e+002	-2.446e+003	1.325e+001	27995.9	13630.5
576	1	8.913e+002	-6.841e+003	-1.315e+003	-5.794e+002	-2.024e+003	4.055e+001	23926.7	10913.8
576	2	5.952e+002	-8.591e+003	-1.280e+003	-7.371e+002	-2.626e+003	3.743e+001	30588.1	14174.1
576	3	4.578e+002	-6.608e+003	-9.847e+002	-5.670e+002	-2.020e+003	2.879e+001	23528.9	10903.6
576	4	4.578e+002	-6.608e+003	-9.847e+002	-5.670e+002	-2.020e+003	2.879e+001	23528.9	10903.6
576	5	4.578e+002	-6.608e+003	-9.847e+002	-5.670e+002	-2.020e+003	2.879e+001	23528.9	10903.6
577	1	1.467e+003	-5.840e+003	-1.060e+003	-4.464e+002	-1.036e+003	8.416e+001	14395	5942.5
577	2	1.219e+003	-7.312e+003	-9.956e+002	-5.869e+002	-1.577e+003	7.616e+001	20302.5	7717.23
577	3	9.380e+002	-5.625e+003	-7.658e+002	-4.515e+002	-1.213e+003	5.859e+001	15616.9	5936.01
577	4	9.380e+002	-5.625e+003	-7.658e+002	-4.515e+002	-1.213e+003	5.859e+001	15616.9	5936.01
577	5	9.380e+002	-5.625e+003	-7.658e+002	-4.515e+002	-1.213e+003	5.859e+001	15616.9	5936.01
578	1	1.992e+003	-4.721e+003	-7.881e+002	-2.912e+002	3.452e+002	6.558e+001	1320.4	11361.9
578	2	1.780e+003	-5.889e+003	-7.008e+002	-4.021e+002	-9.317e+001	5.293e+001	6029.94	9385.51
578	3	1.369e+003	-4.530e+003	-5.391e+002	-3.093e+002	-7.167e+001	4.072e+001	4638.39	7219.38
578	4	1.369e+003	-4.530e+003	-5.391e+002	-3.093e+002	-7.167e+001	4.072e+001	4638.39	7219.38
578	5	1.369e+003	-4.530e+003	-5.391e+002	-3.093e+002	-7.167e+001	4.072e+001	4638.39	7219.38
579	1	4.058e+003	-3.463e+003	-6.565e+002	6.765e+002	1.133e+003	-5.178e+001	9427.18	13096.4
579	2	3.900e+003	-4.353e+003	-3.934e+002	6.200e+002	8.704e+002	-1.070e+002	8814.83	11722.5
579	3	3.000e+003	-3.349e+003	-3.026e+002	4.770e+002	6.695e+002	-8.234e+001	6781.52	9017.27
579	4	3.000e+003	-3.349e+003	-3.026e+002	4.770e+002	6.695e+002	-8.234e+001	6781.52	9017.27
579	5	3.000e+003	-3.349e+003	-3.026e+002	4.770e+002	6.695e+002	-8.234e+001	6781.52	9017.27
580	1	2.466e+003	-3.485e+003	-5.129e+002	-2.066e+002	8.713e+002	-3.720e+001	4686.55	14372.8
580	2	2.284e+003	-4.323e+003	-4.175e+002	-2.792e+002	5.649e+002	-5.348e+001	1978.71	12795.2
580	3	1.757e+003	-3.326e+003	-3.212e+002	-2.147e+002	4.346e+002	-4.114e+001	1521.85	9843.15
580	4	1.757e+003	-3.326e+003	-3.212e+002	-2.147e+002	4.346e+002	-4.114e+001	1521.85	9843.15
580	5	1.757e+003	-3.326e+003	-3.212e+002	-2.147e+002	4.346e+002	-4.114e+001	1521.85	9843.15
581	1	2.566e+003	-3.468e+003	-4.456e+002	2.469e+001	4.323e+002	-2.712e+001	4765.71	13204.7
581	2	2.325e+003	-4.278e+003	-3.205e+002	-1.572e+001	2.576e+002	-3.383e+001	2453.5	10963.5
581	3	1.788e+003	-3.291e+003	-2.465e+002	-1.209e+001	1.981e+002	-2.602e+001	1887.01	8432.28
581	4	1.788e+003	-3.291e+003	-2.465e+002	-1.209e+001	1.981e+002	-2.602e+001	1887.01	8432.28
581	5	1.788e+003	-3.291e+003	-2.465e+002	-1.209e+001	1.981e+002	-2.602e+001	1887.01	8432.28
582	1	3.949e+003	-2.070e+003	-2.295e+002	2.933e+001	9.567e+001	1.448e+001	4620.45	6421.91
582	2	3.325e+003	-2.573e+003	5.175e+001	3.277e+001	4.290e+001	-1.411e+001	5076.17	5326.14
582	3	2.557e+003	-1.979e+003	3.981e+001	2.521e+001	3.300e+001	-1.085e+001	3903.95	4096.2
582	4	2.557e+003	-1.979e+003	3.981e+001	2.521e+001	3.300e+001	-1.085e+001	3903.95	4096.2
582	5	2.557e+003	-1.979e+003	3.981e+001	2.521e+001	3.300e+001	-1.085e+001	3903.95	4096.2
583	1	4.001e+003	-6.927e+002	-5.275e+001	-3.270e+001	1.856e+000	3.309e+001	3867.88	5201.08
583	2	3.202e+003	-8.549e+002	6.062e+001	-8.612e+000	-2.122e+000	2.725e+000	3570.86	3844.24
583	3	2.463e+003	-6.576e+002	4.663e+001	-6.625e+000	-1.633e+000	2.096e+000	2746.73	2957.02
583	4	2.463e+003	-6.576e+002	4.663e+001	-6.625e+000	-1.633e+000	2.096e+000	2746.73	2957.02
583	5	2.463e+003	-6.576e+002	4.663e+001	-6.625e+000	-1.633e+000	2.096e+000	2746.73	2957.02
584	1	2.965e+003	-2.088e+003	-2.441e+002	1.510e+000	1.421e+002	-1.638e+001	2878.68	6863.59
584	2	2.743e+003	-2.565e+003	-1.546e+002	-9.854e+000	7.366e+001	-2.457e+001	3428.91	6083.24
584	3	2.110e+003	-1.973e+003	-1.189e+002	-7.580e+000	5.667e+001	-1.890e+001	2637.44	4679.5
584	4	2.110e+003	-1.973e+003	-1.189e+002	-7.580e+000	5.667e+001	-1.890e+001	2637.44	4679.5
584	5	2.110e+003	-1.973e+003	-1.189e+002	-7.580e+000	5.667e+001	-1.890e+001	2637.44	4679.5
585	1	3.344e+003	-6.965e+002	-7.509e+001	-1.160e+001	1.818e+001	-3.770e+000	3304.95	4203.53
585	2	3.165e+003	-8.526e+002	-4.165e+001	-5.128e+000	9.267e+000	-1.253e+001	3483.15	3906.35
585	3	2.435e+003	-6.559e+002	-3.204e+001	-3.945e+000	7.129e+000	-9.637e+000	2679.73	3005.31
585	4	2.435e+003	-6.559e+002	-3.204e+001	-3.945e+000	7.129e+000	-9.637e+000	2679.73	3005.31
585	5	2.435e+003	-6.559e+002	-3.204e+001	-3.945e+000	7.129e+000	-9.637e+000	2679.73	3005.31
586	1	1.481e+003	-3.405e+003	-1.838e+001	2.046e+002	4.806e+002	3.005e+001	5940.45	11908.5
586	2	1.323e+003	-4.167e+003	-1.628e+001	1.589e+002	2.971e+002	2.986e+001	4034.14	9341.3
586	3	1.018e+003	-3.205e+003	-1.252e+001	1.222e+002	2.285e+002	2.297e+001	3102.97	7184.81
586	4	1.018e+003	-3.205e+003	-1.252e+001	1.222e+002	2.285e+002	2.297e+001	3102.97	7184.81
586	5	1.018e+003	-3.205e+003	-1.252e+001	1.222e+002	2.285e+002	2.297e+001	3102.97	7184.81
587	1	2.241e+003	-2.065e+003	-1.636e+002	3.638e+000	1.471e+002	1.840e+001	2055.97	6416.84
587	2	2.142e+003	-2.525e+003	-1.445e+002	-1.294e+001	7.390e+001	1.627e+001	2601.67	5648.66
587	3	1.647e+003	-1.942e+003	-1.111e+002	-9.957e+000	5.685e+001	1.251e+001	2000.28	4344.38
587	4	1.647e+003	-1.942e+003	-1.111e+002	-9.957e+000	5.685e+001	1.251e+001	2000.28	4344.38
587	5	1.647e+003	-1.942e+003	-1.111e+002	-9.957e+000	5.685e+001	1.251e+001	2000.28	4344.38
588	1	2.673e+003	-6.915e+002	-5.457e+001	-7.245e+000	2.029e+001	7.117e+000	2689.7	3510.95
588	2	2.656e+003	-8.442e+002	-4.785e+001	-7.378e+000	9.696e+000	4.885e+000	2892.5	3448.91

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
588	3	2.043e+003	-6.494e+002	-3.681e+001	-5.676e+000	7.459e+000	3.758e+000	2224.92	2652.97
588	4	2.043e+003	-6.494e+002	-3.681e+001	-5.676e+000	7.459e+000	3.758e+000	2224.92	2652.97
588	5	2.043e+003	-6.494e+002	-3.681e+001	-5.676e+000	7.459e+000	3.758e+000	2224.92	2652.97
589	1	1.955e+003	-2.059e+003	-1.109e+001	6.950e+001	1.439e+002	1.972e+001	3086.6	5271.6
589	2	1.880e+003	-2.515e+003	-9.741e+000	5.156e+001	6.964e+001	1.953e+001	3664.62	4441.79
589	3	1.446e+003	-1.935e+003	-7.493e+000	3.966e+001	5.357e+001	1.502e+001	2819.01	3417.06
589	4	1.446e+003	-1.935e+003	-7.493e+000	3.966e+001	5.357e+001	1.502e+001	2819.01	3417.06
589	5	1.446e+003	-1.935e+003	-7.493e+000	3.966e+001	5.357e+001	1.502e+001	2819.01	3417.06
590	1	2.384e+003	-6.903e+002	-3.743e+000	1.718e+001	1.783e+001	7.457e+000	2918.44	2732.53
590	2	2.394e+003	-8.421e+002	-3.292e+000	1.551e+001	6.884e+000	7.295e+000	3124.55	2723.63
590	3	1.842e+003	-6.478e+002	-2.533e+000	1.193e+001	5.296e+000	5.612e+000	2403.95	2095.58
590	4	1.842e+003	-6.478e+002	-2.533e+000	1.193e+001	5.296e+000	5.612e+000	2403.95	2095.58
590	5	1.842e+003	-6.478e+002	-2.533e+000	1.193e+001	5.296e+000	5.612e+000	2403.95	2095.58
591	1	2.428e+003	-3.456e+003	4.399e+002	2.515e+001	4.351e+002	-2.612e+001	4495.79	13261.4
591	2	2.213e+003	-4.256e+003	3.454e+002	-1.647e+001	2.582e+002	-2.080e+001	1639.59	10950.9
591	3	1.703e+003	-3.274e+003	2.657e+002	-1.267e+001	1.986e+002	-1.600e+001	1261.84	8424.12
591	4	1.703e+003	-3.274e+003	2.657e+002	-1.267e+001	1.986e+002	-1.600e+001	1261.84	8424.12
591	5	1.703e+003	-3.274e+003	2.657e+002	-1.267e+001	1.986e+002	-1.600e+001	1261.84	8424.12
592	1	2.174e+003	-2.062e+003	1.465e+002	6.964e+001	1.439e+002	-1.937e+001	3258.93	5435.04
592	2	2.086e+003	-2.521e+003	1.340e+002	5.244e+001	7.028e+001	-1.777e+001	3835.26	4607.11
592	3	1.605e+003	-1.940e+003	1.031e+002	4.034e+001	5.406e+001	-1.367e+001	2951.16	3544.88
592	4	1.605e+003	-1.940e+003	1.031e+002	4.034e+001	5.406e+001	-1.367e+001	2951.16	3544.88
592	5	1.605e+003	-1.940e+003	1.031e+002	4.034e+001	5.406e+001	-1.367e+001	2951.16	3544.88
593	1	2.608e+003	-6.910e+002	4.913e+001	1.729e+001	1.781e+001	-7.132e+000	3137.57	2948.77
593	2	2.603e+003	-8.435e+002	4.481e+001	1.656e+001	7.097e+000	-5.471e+000	3340.59	2907.16
593	3	2.003e+003	-6.488e+002	3.447e+001	1.273e+001	5.459e+000	-4.208e+000	2570.17	2237.06
593	4	2.003e+003	-6.488e+002	3.447e+001	1.273e+001	5.459e+000	-4.208e+000	2570.17	2237.06
593	5	2.003e+003	-6.488e+002	3.447e+001	1.273e+001	5.459e+000	-4.208e+000	2570.17	2237.06
594	1	2.855e+003	-2.082e+003	2.476e+002	3.054e+000	1.448e+002	-1.894e+001	2621.16	6881.91
594	2	2.678e+003	-2.554e+003	1.806e+002	-9.909e+000	7.480e+001	-1.253e+001	3158.04	6060.06
594	3	2.060e+003	-1.965e+003	1.389e+002	-7.623e+000	5.754e+001	-9.637e+000	2429.51	4661.96
594	4	2.060e+003	-1.965e+003	1.389e+002	-7.623e+000	5.754e+001	-9.637e+000	2429.51	4661.96
594	5	2.060e+003	-1.965e+003	1.389e+002	-7.623e+000	5.754e+001	-9.637e+000	2429.51	4661.96
595	1	3.258e+003	-6.953e+002	7.844e+001	-8.908e+000	1.921e+001	-8.364e+000	3253.4	4102.62
595	2	3.138e+003	-8.504e+002	5.365e+001	-4.459e+000	9.782e+000	-1.576e+000	3425.46	3859.04
595	3	2.414e+003	-6.542e+002	4.127e+001	-3.430e+000	7.524e+000	-1.212e+000	2635.16	2968.66
595	4	2.414e+003	-6.542e+002	4.127e+001	-3.430e+000	7.524e+000	-1.212e+000	2635.16	2968.66
595	5	2.414e+003	-6.542e+002	4.127e+001	-3.430e+000	7.524e+000	-1.212e+000	2635.16	2968.66
596	1	5.146e+003	-3.376e+003	1.009e+003	1.446e+002	1.926e+002	-2.192e+001	7864.65	8922.96
596	2	4.572e+003	-3.934e+003	5.959e+002	1.199e+002	9.591e+001	1.922e+001	8331.7	7198.47
596	3	3.517e+003	-3.026e+003	4.584e+002	9.222e+001	7.378e+001	1.479e+001	6408.77	5537.39
596	4	3.517e+003	-3.026e+003	4.584e+002	9.222e+001	7.378e+001	1.479e+001	6408.77	5537.39
596	5	3.517e+003	-3.026e+003	4.584e+002	9.222e+001	7.378e+001	1.479e+001	6408.77	5537.39
597	1	3.828e+003	-2.094e+003	2.243e+002	-2.530e+001	1.137e+002	-4.012e+000	3258.24	7534.67
597	2	3.323e+003	-2.593e+003	-8.722e+000	-2.524e+001	5.651e+001	1.886e+001	3832.54	6561.47
597	3	2.556e+003	-1.995e+003	-6.709e+000	-1.942e+001	4.347e+001	1.451e+001	2948.17	5047.58
597	4	2.556e+003	-1.995e+003	-6.709e+000	-1.942e+001	4.347e+001	1.451e+001	2948.17	5047.58
597	5	2.556e+003	-1.995e+003	-6.709e+000	-1.942e+001	4.347e+001	1.451e+001	2948.17	5047.58
598	1	3.962e+003	-6.979e+002	5.196e+001	-4.435e+001	8.664e+000	-1.982e+001	3427.56	5385.5
598	2	3.355e+003	-8.592e+002	-4.019e+001	-2.410e+001	3.430e+000	4.453e+000	3344.56	4376.69
598	3	2.581e+003	-6.609e+002	-3.092e+001	-1.854e+001	2.638e+000	3.426e+000	2572.93	3366.92
598	4	2.581e+003	-6.609e+002	-3.092e+001	-1.854e+001	2.638e+000	3.426e+000	2572.93	3366.92
598	5	2.581e+003	-6.609e+002	-3.092e+001	-1.854e+001	2.638e+000	3.426e+000	2572.93	3366.92
599	1	5.176e+003	-2.080e+003	5.565e+002	7.060e+001	4.149e+001	-6.640e+001	7404.75	6646.32
599	2	4.011e+003	-2.431e+003	2.282e+002	5.643e+001	2.052e+000	-1.730e+001	6658.51	4753.75
599	3	3.085e+003	-1.870e+003	1.755e+002	4.341e+001	1.578e+000	-1.331e+001	5121.62	3656.35
599	4	3.085e+003	-1.870e+003	1.755e+002	4.341e+001	1.578e+000	-1.331e+001	5121.62	3656.35
599	5	3.085e+003	-1.870e+003	1.755e+002	4.341e+001	1.578e+000	-1.331e+001	5121.62	3656.35
600	1	4.914e+003	-7.114e+002	1.341e+002	4.654e+001	-4.985e-002	-9.240e+001	6884.3	5556.29
600	2	3.117e+003	-8.303e+002	1.599e+001	3.701e+001	-4.285e+000	-3.857e+001	4569.09	3136.84
600	3	2.398e+003	-6.387e+002	1.230e+001	2.847e+001	-3.296e+000	-2.967e+001	3515	2413.23
600	4	2.398e+003	-6.387e+002	1.230e+001	2.847e+001	-3.296e+000	-2.967e+001	3515	2413.23
600	5	2.398e+003	-6.387e+002	1.230e+001	2.847e+001	-3.296e+000	-2.967e+001	3515	2413.23
601	1	2.439e+002	-4.909e+003	-5.953e+002	-3.124e+002	-2.358e+003	1.761e+003	37739.5	33600
601	2	2.773e+002	-7.414e+003	-5.320e+002	-3.346e+002	-2.737e+003	1.748e+003	41971.9	33779.7
601	3	2.133e+002	-5.703e+003	-4.092e+002	-2.574e+002	-2.105e+003	1.345e+003	32287.4	25988
601	4	2.133e+002	-5.703e+003	-4.092e+002	-2.574e+002	-2.105e+003	1.345e+003	32287.4	25988

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
601	5	2.133e+002	-5.703e+003	-4.092e+002	-2.574e+002	-2.105e+003	1.345e+003	32287.4	25988
602	1	1.142e+003	-4.644e+003	-1.477e+003	-6.676e+002	-2.046e+003	1.869e+003	35273.6	35233.3
602	2	1.299e+003	-6.659e+003	-1.316e+003	-7.173e+002	-2.400e+003	1.857e+003	38710	35215.5
602	3	9.996e+002	-5.122e+003	-1.013e+003	-5.517e+002	-1.846e+003	1.428e+003	29769.7	27082.7
602	4	9.996e+002	-5.122e+003	-1.013e+003	-5.517e+002	-1.846e+003	1.428e+003	29769.7	27082.7
602	5	9.996e+002	-5.122e+003	-1.013e+003	-5.517e+002	-1.846e+003	1.428e+003	29769.7	27082.7
603	1	2.443e+003	-5.117e+003	-1.566e+003	-6.169e+002	-1.683e+003	1.983e+003	35319.7	36228.4
603	2	2.790e+003	-6.748e+003	-1.324e+003	-6.744e+002	-2.004e+003	1.965e+003	38096.6	35888.4
603	3	2.146e+003	-5.190e+003	-1.018e+003	-5.188e+002	-1.542e+003	1.511e+003	29301	27598.4
603	4	2.146e+003	-5.190e+003	-1.018e+003	-5.188e+002	-1.542e+003	1.511e+003	29301	27598.4
603	5	2.146e+003	-5.190e+003	-1.018e+003	-5.188e+002	-1.542e+003	1.511e+003	29301	27598.4
604	1	3.570e+003	-5.305e+003	-8.296e+002	-1.236e+002	-1.243e+003	2.081e+003	37162.9	35688.4
604	2	4.118e+003	-6.519e+003	-5.364e+002	-1.670e+002	-1.524e+003	2.057e+003	39331.8	35029.8
604	3	3.168e+003	-5.015e+003	-4.126e+002	-1.284e+002	-1.172e+003	1.582e+003	30250	26940.6
604	4	3.168e+003	-5.015e+003	-4.126e+002	-1.284e+002	-1.172e+003	1.582e+003	30250	26940.6
604	5	3.168e+003	-5.015e+003	-4.126e+002	-1.284e+002	-1.172e+003	1.582e+003	30250	26940.6
605	1	3.905e+002	-3.837e+003	-1.220e+003	-3.054e+002	-2.682e+003	2.071e+003	42042.6	40899
605	2	4.358e+002	-6.600e+003	-1.235e+003	-3.358e+002	-3.122e+003	2.083e+003	46910	41698.9
605	3	3.353e+002	-5.077e+003	-9.499e+002	-2.583e+002	-2.401e+003	1.603e+003	36088.7	32083
605	4	3.353e+002	-5.077e+003	-9.499e+002	-2.583e+002	-2.401e+003	1.603e+003	36088.7	32083
605	5	3.353e+002	-5.077e+003	-9.499e+002	-2.583e+002	-2.401e+003	1.603e+003	36088.7	32083
606	1	1.704e+003	-4.438e+003	-2.869e+003	-6.409e+002	-2.375e+003	2.140e+003	38775.2	42630.6
606	2	1.905e+003	-6.719e+003	-2.885e+003	-7.078e+002	-2.786e+003	2.153e+003	42932	43361.2
606	3	1.466e+003	-5.168e+003	-2.219e+003	-5.444e+002	-2.143e+003	1.656e+003	33022.7	33352
606	4	1.466e+003	-5.168e+003	-2.219e+003	-5.444e+002	-2.143e+003	1.656e+003	33022.7	33352
606	5	1.466e+003	-5.168e+003	-2.219e+003	-5.444e+002	-2.143e+003	1.656e+003	33022.7	33352
607	1	3.603e+003	-5.983e+003	-3.082e+003	-5.912e+002	-2.013e+003	2.225e+003	39005.5	43028.5
607	2	4.036e+003	-7.890e+003	-3.051e+003	-6.685e+002	-2.389e+003	2.234e+003	42604.6	43524.5
607	3	3.105e+003	-6.069e+003	-2.347e+003	-5.142e+002	-1.838e+003	1.718e+003	32769.2	33474
607	4	3.105e+003	-6.069e+003	-2.347e+003	-5.142e+002	-1.838e+003	1.718e+003	32769.2	33474
607	5	3.105e+003	-6.069e+003	-2.347e+003	-5.142e+002	-1.838e+003	1.718e+003	32769.2	33474
608	1	5.416e+003	-6.921e+003	-2.039e+003	-1.154e+002	-1.590e+003	2.294e+003	41554	41439.5
608	2	6.091e+003	-8.386e+003	-1.944e+003	-1.757e+002	-1.924e+003	2.298e+003	44585	41633.7
608	3	4.685e+003	-6.451e+003	-1.495e+003	-1.352e+002	-1.480e+003	1.768e+003	34300.3	32030.2
608	4	4.685e+003	-6.451e+003	-1.495e+003	-1.352e+002	-1.480e+003	1.768e+003	34300.3	32030.2
608	5	4.685e+003	-6.451e+003	-1.495e+003	-1.352e+002	-1.480e+003	1.768e+003	34300.3	32030.2
609	1	4.453e+002	-1.562e+003	-2.060e+003	-2.905e+002	-2.783e+003	2.363e+003	43795.7	47883.1
609	2	4.932e+002	-4.444e+003	-2.168e+003	-3.256e+002	-3.249e+003	2.405e+003	48799.2	49291
609	3	3.793e+002	-3.418e+003	-1.668e+003	-2.505e+002	-2.499e+003	1.850e+003	37535.5	37915.7
609	4	3.793e+002	-3.418e+003	-1.668e+003	-2.505e+002	-2.499e+003	1.850e+003	37535.5	37915.7
609	5	3.793e+002	-3.418e+003	-1.668e+003	-2.505e+002	-2.499e+003	1.850e+003	37535.5	37915.7
610	1	2.093e+003	-3.783e+003	-4.713e+003	-5.992e+002	-2.502e+003	2.397e+003	40056.5	50118.4
610	2	2.300e+003	-6.271e+003	-4.928e+003	-6.754e+002	-2.939e+003	2.437e+003	44578.1	51556.4
610	3	1.769e+003	-4.824e+003	-3.791e+003	-5.195e+002	-2.261e+003	1.874e+003	34285.3	39650.5
610	4	1.769e+003	-4.824e+003	-3.791e+003	-5.195e+002	-2.261e+003	1.874e+003	34285.3	39650.5
610	5	1.769e+003	-4.824e+003	-3.791e+003	-5.195e+002	-2.261e+003	1.874e+003	34285.3	39650.5
611	1	4.396e+003	-6.973e+003	-5.119e+003	-5.575e+002	-2.175e+003	2.455e+003	41080.4	50181.5
611	2	4.839e+003	-9.149e+003	-5.321e+003	-6.459e+002	-2.579e+003	2.492e+003	45256.2	51469
611	3	3.722e+003	-7.038e+003	-4.093e+003	-4.968e+002	-1.984e+003	1.917e+003	34814.8	39592.8
611	4	3.722e+003	-7.038e+003	-4.093e+003	-4.968e+002	-1.984e+003	1.917e+003	34814.8	39592.8
611	5	3.722e+003	-7.038e+003	-4.093e+003	-4.968e+002	-1.984e+003	1.917e+003	34814.8	39592.8
612	1	6.594e+003	-8.975e+003	-3.704e+003	-1.278e+002	-1.798e+003	2.483e+003	44555.5	47387
612	2	7.280e+003	-1.072e+004	-3.825e+003	-1.999e+002	-2.161e+003	2.516e+003	48250.3	48392.2
612	3	5.600e+003	-8.249e+003	-2.942e+003	-1.538e+002	-1.662e+003	1.935e+003	37111.4	37217.6
612	4	5.600e+003	-8.249e+003	-2.942e+003	-1.538e+002	-1.662e+003	1.935e+003	37111.4	37217.6
612	5	5.600e+003	-8.249e+003	-2.942e+003	-1.538e+002	-1.662e+003	1.935e+003	37111.4	37217.6
613	1	5.167e+002	2.167e+003	-2.970e+003	-2.566e+002	-2.574e+003	2.619e+003	42918.5	53813.1
613	2	5.479e+002	-6.923e+002	-3.160e+003	-2.923e+002	-3.013e+003	2.692e+003	47340.1	55666.1
613	3	4.214e+002	-5.325e+002	-2.431e+003	-2.248e+002	-2.318e+003	2.070e+003	36406.8	42810.9
613	4	4.214e+002	-5.325e+002	-2.431e+003	-2.248e+002	-2.318e+003	2.070e+003	36406.8	42810.9
613	5	4.214e+002	-5.325e+002	-2.431e+003	-2.248e+002	-2.318e+003	2.070e+003	36406.8	42810.9
614	1	2.002e+003	-2.571e+003	-6.778e+003	-5.187e+002	-2.346e+003	2.618e+003	38577.2	56869.9
614	2	2.153e+003	-5.211e+003	-7.170e+003	-5.938e+002	-2.759e+003	2.682e+003	42900.9	58815.8
614	3	1.656e+003	-4.008e+003	-5.515e+003	-4.568e+002	-2.123e+003	2.063e+003	33004.3	45243.1
614	4	1.656e+003	-4.008e+003	-5.515e+003	-4.568e+002	-2.123e+003	2.063e+003	33004.3	45243.1
614	5	1.656e+003	-4.008e+003	-5.515e+003	-4.568e+002	-2.123e+003	2.063e+003	33004.3	45243.1
615	1	4.509e+003	-8.118e+003	-7.426e+003	-4.955e+002	-2.085e+003	2.653e+003	40922.7	56914.5

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
615	2	4.841e+003	-1.055e+004	-7.843e+003	-5.829e+002	-2.472e+003	2.713e+003	45222.8	58801.7
615	3	3.724e+003	-8.119e+003	-6.033e+003	-4.484e+002	-1.901e+003	2.087e+003	34786.6	45232.1
615	4	3.724e+003	-8.119e+003	-6.033e+003	-4.484e+002	-1.901e+003	2.087e+003	34786.6	45232.1
615	5	3.724e+003	-8.119e+003	-6.033e+003	-4.484e+002	-1.901e+003	2.087e+003	34786.6	45232.1
616	1	6.547e+003	-1.172e+004	-5.366e+003	-1.510e+002	-1.787e+003	2.640e+003	45938.8	52626.8
616	2	7.088e+003	-1.379e+004	-5.688e+003	-2.261e+002	-2.140e+003	2.696e+003	49898.1	54244.7
616	3	5.452e+003	-1.061e+004	-4.375e+003	-1.739e+002	-1.646e+003	2.074e+003	38385.9	41728.4
616	4	5.452e+003	-1.061e+004	-4.375e+003	-1.739e+002	-1.646e+003	2.074e+003	38385.9	41728.4
616	5	5.452e+003	-1.061e+004	-4.375e+003	-1.739e+002	-1.646e+003	2.074e+003	38385.9	41728.4
617	1	4.147e+002	7.304e+003	-3.953e+003	-1.861e+002	-1.952e+003	2.814e+003	40213.6	58012.4
617	2	4.353e+002	4.557e+003	-4.185e+003	-2.164e+002	-2.290e+003	2.911e+003	43164.9	59928.5
617	3	3.349e+002	3.506e+003	-3.219e+003	-1.664e+002	-1.761e+003	2.239e+003	33198.6	46093.3
617	4	3.349e+002	3.506e+003	-3.219e+003	-1.664e+002	-1.761e+003	2.239e+003	33198.6	46093.3
617	5	3.349e+002	3.506e+003	-3.219e+003	-1.664e+002	-1.761e+003	2.239e+003	33198.6	46093.3
618	1	2.020e+003	-8.256e+002	-8.363e+003	-3.679e+002	-1.800e+003	2.785e+003	35140.6	61357.6
618	2	1.990e+003	-3.565e+003	-8.809e+003	-4.276e+002	-2.119e+003	2.868e+003	38552.1	63455.8
618	3	1.531e+003	-2.742e+003	-6.776e+003	-3.289e+002	-1.630e+003	2.206e+003	29653.6	48809.5
618	4	1.531e+003	-2.742e+003	-6.776e+003	-3.289e+002	-1.630e+003	2.206e+003	29653.6	48809.5
618	5	1.531e+003	-2.742e+003	-6.776e+003	-3.289e+002	-1.630e+003	2.206e+003	29653.6	48809.5
619	1	2.675e+003	-9.313e+003	-9.345e+003	-3.761e+002	-1.634e+003	2.795e+003	37935.2	61873.2
619	2	2.693e+003	-1.196e+004	-9.932e+003	-4.458e+002	-1.936e+003	2.874e+003	41620.5	64206.5
619	3	2.071e+003	-9.197e+003	-7.640e+003	-3.429e+002	-1.489e+003	2.210e+003	32003.2	49377.1
619	4	2.071e+003	-9.197e+003	-7.640e+003	-3.429e+002	-1.489e+003	2.210e+003	32003.2	49377.1
619	5	2.071e+003	-9.197e+003	-7.640e+003	-3.429e+002	-1.489e+003	2.210e+003	32003.2	49377.1
620	1	4.826e+003	-1.554e+004	-7.026e+003	-1.537e+002	-1.452e+003	2.745e+003	44833.2	57225.8
620	2	5.042e+003	-1.801e+004	-7.531e+003	-2.170e+002	-1.733e+003	2.820e+003	48559	59390.5
620	3	3.879e+003	-1.385e+004	-5.793e+003	-1.669e+002	-1.333e+003	2.169e+003	37347.6	45681
620	4	3.879e+003	-1.385e+004	-5.793e+003	-1.669e+002	-1.333e+003	2.169e+003	37347.6	45681
620	5	3.879e+003	-1.385e+004	-5.793e+003	-1.669e+002	-1.333e+003	2.169e+003	37347.6	45681
621	1	2.399e+003	1.384e+004	-5.868e+003	-5.854e+001	-7.883e+002	2.897e+003	37323.7	60574.4
621	2	2.097e+003	1.116e+004	-5.939e+003	-7.487e+001	-9.254e+002	3.008e+003	38617.5	61985.3
621	3	1.613e+003	8.584e+003	-4.569e+003	-5.759e+001	-7.119e+002	2.314e+003	29707.3	47684.3
621	4	1.613e+003	8.584e+003	-4.569e+003	-5.759e+001	-7.119e+002	2.314e+003	29707.3	47684.3
621	5	1.613e+003	8.584e+003	-4.569e+003	-5.759e+001	-7.119e+002	2.314e+003	29707.3	47684.3
622	1	1.103e+003	-4.673e+002	-7.701e+003	-1.147e+002	-7.446e+002	2.888e+003	34376.4	60506.9
622	2	6.973e+002	-3.217e+003	-8.106e+003	-1.399e+002	-8.764e+002	2.982e+003	36141	62613.4
622	3	5.364e+002	-2.475e+003	-6.235e+003	-1.076e+002	-6.742e+002	2.294e+003	27804	48166
622	4	5.364e+002	-2.475e+003	-6.235e+003	-1.076e+002	-6.742e+002	2.294e+003	27804	48166
622	5	5.364e+002	-2.475e+003	-6.235e+003	-1.076e+002	-6.742e+002	2.294e+003	27804	48166
623	1	-3.592e+002	-8.527e+003	-8.996e+003	-1.687e+002	-6.847e+002	2.869e+003	34051	62236.7
623	2	-7.874e+002	-1.123e+004	-9.618e+003	-1.989e+002	-8.106e+002	2.957e+003	35984.6	64815.5
623	3	-6.057e+002	-8.638e+003	-7.398e+003	-1.530e+002	-6.235e+002	2.274e+003	27672.1	49847.3
623	4	-6.057e+002	-8.638e+003	-7.398e+003	-1.530e+002	-6.235e+002	2.274e+003	27672.1	49847.3
623	5	-6.057e+002	-8.638e+003	-7.398e+003	-1.530e+002	-6.235e+002	2.274e+003	27672.1	49847.3
624	1	5.148e+003	-6.083e+003	4.630e+002	5.547e+002	-8.354e+002	2.156e+003	41558.8	34253.2
624	2	5.912e+003	-7.162e+003	7.644e+002	5.182e+002	-1.093e+003	2.131e+003	43558.2	33389.8
624	3	4.547e+003	-5.509e+003	5.880e+002	3.986e+002	-8.407e+002	1.639e+003	33502.4	25680.7
624	4	4.547e+003	-5.509e+003	5.880e+002	3.986e+002	-8.407e+002	1.639e+003	33502.4	25680.7
624	5	4.547e+003	-5.509e+003	5.880e+002	3.986e+002	-8.407e+002	1.639e+003	33502.4	25680.7
625	1	5.384e+003	-7.752e+003	2.618e+003	1.410e+003	-3.966e+002	2.127e+003	47092.2	30761.5
625	2	6.269e+003	-8.957e+003	2.951e+003	1.374e+003	-6.213e+002	2.100e+003	49049	29549.2
625	3	4.822e+003	-6.890e+003	2.270e+003	1.057e+003	-4.779e+002	1.616e+003	37738.1	22740.1
625	4	4.822e+003	-6.890e+003	2.270e+003	1.057e+003	-4.779e+002	1.616e+003	37738.1	22740.1
625	5	4.822e+003	-6.890e+003	2.270e+003	1.057e+003	-4.779e+002	1.616e+003	37738.1	22740.1
626	1	6.103e+003	-9.655e+003	5.428e+003	2.750e+003	1.322e+002	1.928e+003	54890.1	27773.7
626	2	7.081e+003	-1.080e+004	5.797e+003	2.746e+003	-5.364e+001	1.903e+003	57030.2	26406.5
626	3	5.447e+003	-8.311e+003	4.459e+003	2.112e+003	-4.126e+001	1.464e+003	43870.6	20313.6
626	4	5.447e+003	-8.311e+003	4.459e+003	2.112e+003	-4.126e+001	1.464e+003	43870.6	20313.6
626	5	5.447e+003	-8.311e+003	4.459e+003	2.112e+003	-4.126e+001	1.464e+003	43870.6	20313.6
627	1	1.011e+004	-8.359e+003	5.150e+003	4.534e+003	8.303e+002	1.381e+003	61494.2	311137
627	2	1.118e+004	-9.224e+003	5.479e+003	4.602e+003	6.877e+002	1.368e+003	64146.2	30467.2
627	3	8.602e+003	-7.095e+003	4.214e+003	3.540e+003	5.290e+002	1.052e+003	49341.8	23433.1
627	4	8.602e+003	-7.095e+003	4.214e+003	3.540e+003	5.290e+002	1.052e+003	49341.8	23433.1
627	5	8.602e+003	-7.095e+003	4.214e+003	3.540e+003	5.290e+002	1.052e+003	49341.8	23433.1
628	1	7.533e+003	-8.364e+003	-3.426e+002	4.637e+002	-1.247e+003	2.328e+003	46540.9	38533.4
628	2	8.463e+003	-9.690e+003	-2.001e+002	4.126e+002	-1.556e+003	2.329e+003	49446.4	38459.7
628	3	6.510e+003	-7.453e+003	-1.540e+002	3.174e+002	-1.197e+003	1.792e+003	38041.3	29592.1

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
628	4	6.510e+003	-7.453e+003	-1.540e+002	3.174e+002	-1.197e+003	1.792e+003	38041.3	29592.1
628	5	6.510e+003	-7.453e+003	-1.540e+002	3.174e+002	-1.197e+003	1.792e+003	38041.3	29592.1
629	1	8.713e+003	-1.073e+004	1.746e+003	1.102e+003	-9.485e+002	2.251e+003	51842.6	33572.6
629	2	9.799e+003	-1.221e+004	1.950e+003	1.052e+003	-1.225e+003	2.251e+003	54847.1	33181.5
629	3	7.537e+003	-9.389e+003	1.500e+003	8.092e+002	-9.423e+002	1.732e+003	42192.9	25531.6
629	4	7.537e+003	-9.389e+003	1.500e+003	8.092e+002	-9.423e+002	1.732e+003	42192.9	25531.6
629	5	7.537e+003	-9.389e+003	1.500e+003	8.092e+002	-9.423e+002	1.732e+003	42192.9	25531.6
630	1	1.045e+004	-1.106e+004	3.044e+003	2.136e+003	-6.380e+002	2.003e+003	56276.8	28487.4
630	2	1.168e+004	-1.244e+004	3.299e+003	2.123e+003	-8.745e+002	2.002e+003	59466.1	27724.9
630	3	8.981e+003	-9.571e+003	2.538e+003	1.633e+003	-6.727e+002	1.540e+003	45741.6	21327
630	4	8.981e+003	-9.571e+003	2.538e+003	1.633e+003	-6.727e+002	1.540e+003	45741.6	21327
630	5	8.981e+003	-9.571e+003	2.538e+003	1.633e+003	-6.727e+002	1.540e+003	45741.6	21327
631	1	1.145e+004	-8.448e+003	3.373e+003	3.474e+003	-3.112e+002	1.492e+003	58917.6	26415.8
631	2	1.277e+004	-9.462e+003	3.631e+003	3.546e+003	-5.028e+002	1.494e+003	62479.7	25834.9
631	3	9.821e+003	-7.279e+003	2.793e+003	2.728e+003	-3.868e+002	1.149e+003	48060.6	19873.9
631	4	9.821e+003	-7.279e+003	2.793e+003	2.728e+003	-3.868e+002	1.149e+003	48060.6	19873.9
631	5	9.821e+003	-7.279e+003	2.793e+003	2.728e+003	-3.868e+002	1.149e+003	48060.6	19873.9
632	1	8.700e+003	-1.094e+004	-1.528e+003	3.321e+002	-1.526e+003	2.453e+003	49577.3	42756.8
632	2	9.634e+003	-1.255e+004	-1.557e+003	2.693e+002	-1.867e+003	2.480e+003	53180.7	43428.4
632	3	7.411e+003	-9.656e+003	-1.198e+003	2.072e+002	-1.436e+003	1.908e+003	40912.2	33411.8
632	4	7.411e+003	-9.656e+003	-1.198e+003	2.072e+002	-1.436e+003	1.908e+003	40912.2	33411.8
632	5	7.411e+003	-9.656e+003	-1.198e+003	2.072e+002	-1.436e+003	1.908e+003	40912.2	33411.8
633	1	9.779e+003	-1.299e+004	4.299e+002	7.650e+002	-1.319e+003	2.319e+003	53241.3	37030.5
633	2	1.087e+004	-1.475e+004	4.815e+002	7.034e+002	-1.630e+003	2.344e+003	56958.2	37446
633	3	8.359e+003	-1.134e+004	3.703e+002	5.410e+002	-1.254e+003	1.803e+003	43808	28803
633	4	8.359e+003	-1.134e+004	3.703e+002	5.410e+002	-1.254e+003	1.803e+003	43808	28803
633	5	8.359e+003	-1.134e+004	3.703e+002	5.410e+002	-1.254e+003	1.803e+003	43808	28803
634	1	1.066e+004	-1.256e+004	1.876e+003	1.531e+003	-1.079e+003	2.018e+003	54811.4	29697.7
634	2	1.189e+004	-1.421e+004	1.996e+003	1.507e+003	-1.351e+003	2.040e+003	58624.1	29734.6
634	3	9.148e+003	-1.093e+004	1.535e+003	1.159e+003	-1.039e+003	1.570e+003	45100.6	22885.7
634	4	9.148e+003	-1.093e+004	1.535e+003	1.159e+003	-1.039e+003	1.570e+003	45100.6	22885.7
634	5	9.148e+003	-1.093e+004	1.535e+003	1.159e+003	-1.039e+003	1.570e+003	45100.6	22885.7
635	1	1.129e+004	-9.365e+003	2.913e+003	2.561e+003	-7.904e+002	1.498e+003	54609.4	22636.7
635	2	1.264e+004	-1.060e+004	3.090e+003	2.622e+003	-1.018e+003	1.515e+003	58635.5	22396.4
635	3	9.726e+003	-8.151e+003	2.377e+003	2.017e+003	-7.834e+002	1.165e+003	45104.2	17222.7
635	4	9.726e+003	-8.151e+003	2.377e+003	2.017e+003	-7.834e+002	1.165e+003	45104.2	17222.7
635	5	9.726e+003	-8.151e+003	2.377e+003	2.017e+003	-7.834e+002	1.165e+003	45104.2	17222.7
636	1	8.016e+003	-1.388e+004	-2.353e+003	1.791e+002	-1.566e+003	2.542e+003	50701	45744.6
636	2	8.751e+003	-1.581e+004	-2.520e+003	1.119e+002	-1.902e+003	2.593e+003	54605.8	46981.7
636	3	6.731e+003	-1.216e+004	-1.939e+003	8.610e+001	-1.463e+003	1.994e+003	41995.1	36130.7
636	4	6.731e+003	-1.216e+004	-1.939e+003	8.610e+001	-1.463e+003	1.994e+003	41995.1	36130.7
636	5	6.731e+003	-1.216e+004	-1.939e+003	8.610e+001	-1.463e+003	1.994e+003	41995.1	36130.7
637	1	8.227e+003	-1.518e+004	-1.495e+002	4.397e+002	-1.431e+003	2.367e+003	52733.1	39044.2
637	2	9.065e+003	-1.722e+004	-2.339e+002	3.745e+002	-1.742e+003	2.415e+003	56674.2	40078.7
637	3	6.973e+003	-1.324e+004	-1.799e+002	2.881e+002	-1.340e+003	1.858e+003	43594.7	30834.1
637	4	6.973e+003	-1.324e+004	-1.799e+002	2.881e+002	-1.340e+003	1.858e+003	43594.7	30834.1
637	5	6.973e+003	-1.324e+004	-1.799e+002	2.881e+002	-1.340e+003	1.858e+003	43594.7	30834.1
638	1	8.621e+003	-1.425e+004	1.123e+003	9.664e+002	-1.250e+003	2.051e+003	51852.2	31446.4
638	2	9.603e+003	-1.618e+004	1.085e+003	9.333e+002	-1.528e+003	2.094e+003	55809.6	32212.5
638	3	7.387e+003	-1.245e+004	8.343e+002	7.179e+002	-1.175e+003	1.611e+003	42932.6	24783.6
638	4	7.387e+003	-1.245e+004	8.343e+002	7.179e+002	-1.175e+003	1.611e+003	42932.6	24783.6
638	5	7.387e+003	-1.245e+004	8.343e+002	7.179e+002	-1.175e+003	1.611e+003	42932.6	24783.6
639	1	9.298e+003	-1.115e+004	2.501e+003	1.730e+003	-1.009e+003	1.531e+003	49537.1	21458.6
639	2	1.043e+004	-1.269e+004	2.572e+003	1.769e+003	-1.250e+003	1.561e+003	53601.6	21664.4
639	3	8.023e+003	-9.764e+003	1.979e+003	1.361e+003	-9.618e+002	1.201e+003	41239.6	16668.2
639	4	8.023e+003	-9.764e+003	1.979e+003	1.361e+003	-9.618e+002	1.201e+003	41239.6	16668.2
639	5	8.023e+003	-9.764e+003	1.979e+003	1.361e+003	-9.618e+002	1.201e+003	41239.6	16668.2
640	1	5.430e+003	-1.792e+004	-1.881e+003	4.416e+001	-1.275e+003	2.594e+003	51102.8	46367.8
640	2	5.771e+003	-2.025e+004	-2.096e+003	-1.345e+001	-1.546e+003	2.662e+003	54798.6	47930.4
640	3	4.439e+003	-1.557e+004	-1.612e+003	-1.035e+001	-1.189e+003	2.048e+003	42150.5	36873
640	4	4.439e+003	-1.557e+004	-1.612e+003	-1.035e+001	-1.189e+003	2.048e+003	42150.5	36873
640	5	4.439e+003	-1.557e+004	-1.612e+003	-1.035e+001	-1.189e+003	2.048e+003	42150.5	36873
641	1	3.682e+003	-1.671e+004	5.144e+002	1.793e+002	-1.207e+003	2.400e+003	50532	38652.3
641	2	3.989e+003	-1.896e+004	3.797e+002	1.243e+002	-1.461e+003	2.465e+003	54005.3	40005.6
641	3	3.068e+003	-1.458e+004	2.921e+002	9.563e+001	-1.124e+003	1.896e+003	41538.5	30770
641	4	3.068e+003	-1.458e+004	2.921e+002	9.563e+001	-1.124e+003	1.896e+003	41538.5	30770
641	5	3.068e+003	-1.458e+004	2.921e+002	9.563e+001	-1.124e+003	1.896e+003	41538.5	30770

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
642	1	3.892e+003	-1.527e+004	-1.927e+001	4.870e+002	-1.097e+003	2.085e+003	45658.2	34211.9
642	2	4.300e+003	-1.744e+004	-2.686e+002	4.534e+002	-1.329e+003	2.145e+003	49027.7	35648.8
642	3	3.308e+003	-1.341e+004	-2.066e+002	3.488e+002	-1.022e+003	1.650e+003	37708.1	27421.8
642	4	3.308e+003	-1.341e+004	-2.066e+002	3.488e+002	-1.022e+003	1.650e+003	37708.1	27421.8
642	5	3.308e+003	-1.341e+004	-2.066e+002	3.488e+002	-1.022e+003	1.650e+003	37708.1	27421.8
643	1	5.591e+003	-1.412e+004	1.544e+003	9.590e+002	-9.395e+002	1.570e+003	43198	23290.3
643	2	6.254e+003	-1.613e+004	1.448e+003	9.726e+002	-1.147e+003	1.609e+003	46821.1	24074.2
643	3	4.811e+003	-1.241e+004	1.114e+003	7.482e+002	-8.823e+002	1.238e+003	36021.5	18523.6
643	4	4.811e+003	-1.241e+004	1.114e+003	7.482e+002	-8.823e+002	1.238e+003	36021.5	18523.6
643	5	4.811e+003	-1.241e+004	1.114e+003	7.482e+002	-8.823e+002	1.238e+003	36021.5	18523.6
644	1	-2.051e+003	-2.382e+004	8.905e+002	-9.221e+000	-5.509e+002	2.610e+003	52076.9	44531.3
644	2	-2.409e+003	-2.666e+004	7.850e+002	-3.415e+001	-6.671e+002	2.687e+003	55001.4	46530
644	3	-1.853e+003	-2.051e+004	6.038e+002	-2.627e+001	-5.132e+002	2.067e+003	42311.3	35794.3
644	4	-1.853e+003	-2.051e+004	6.038e+002	-2.627e+001	-5.132e+002	2.067e+003	42311.3	35794.3
644	5	-1.853e+003	-2.051e+004	6.038e+002	-2.627e+001	-5.132e+002	2.067e+003	42311.3	35794.3
645	1	-1.616e+003	-1.615e+004	5.760e+002	2.774e+001	-5.344e+002	2.418e+003	45186.8	39635.7
645	2	-1.915e+003	-1.846e+004	3.921e+002	3.527e+000	-6.438e+002	2.493e+003	47451.6	41450.8
645	3	-1.473e+003	-1.420e+004	3.016e+002	2.713e+000	-4.952e+002	1.918e+003	36505.4	31890.1
645	4	-1.473e+003	-1.420e+004	3.016e+002	2.713e+000	-4.952e+002	1.918e+003	36505.4	31890.1
645	5	-1.473e+003	-1.420e+004	3.016e+002	2.713e+000	-4.952e+002	1.918e+003	36505.4	31890.1
646	1	-1.315e+003	-1.478e+004	-5.944e+002	1.257e+002	-4.974e+002	2.106e+003	38412.1	36390.4
646	2	-1.568e+003	-1.700e+004	-9.419e+002	1.086e+002	-5.991e+002	2.173e+003	40397.4	38336.2
646	3	-1.206e+003	-1.308e+004	-7.246e+002	8.355e+001	-4.608e+002	1.672e+003	31082.6	29497.6
646	4	-1.206e+003	-1.308e+004	-7.246e+002	8.355e+001	-4.608e+002	1.672e+003	31082.6	29497.6
646	5	-1.206e+003	-1.308e+004	-7.246e+002	8.355e+001	-4.608e+002	1.672e+003	31082.6	29497.6
647	1	1.074e+004	-6.125e+003	4.553e+003	4.498e+003	6.779e+001	4.860e+002	58041.8	28653
647	2	1.186e+004	-6.999e+003	4.767e+003	4.559e+003	-7.705e+001	4.960e+002	61061.3	28270.5
647	3	9.124e+003	-5.384e+003	3.667e+003	3.507e+003	-5.927e+001	3.816e+002	46972.2	21746.3
647	4	9.124e+003	-5.384e+003	3.667e+003	3.507e+003	-5.927e+001	3.816e+002	46972.2	21746.3
647	5	9.124e+003	-5.384e+003	3.667e+003	3.507e+003	-5.927e+001	3.816e+002	46972.2	21746.3
648	1	1.393e+004	-6.279e+003	5.304e+003	2.427e+003	-4.594e+001	-2.020e+001	41416	12287.4
648	2	1.506e+004	-7.469e+003	5.478e+003	2.412e+003	-2.148e+002	3.708e+000	44244.2	11596.8
648	3	1.159e+004	-5.745e+003	4.214e+003	1.856e+003	-1.653e+002	2.853e+000	34044.9	8920.83
648	4	1.159e+004	-5.745e+003	4.214e+003	1.856e+003	-1.653e+002	2.853e+000	34044.9	8920.83
648	5	1.159e+004	-5.745e+003	4.214e+003	1.856e+003	-1.653e+002	2.853e+000	34044.9	8920.83
649	1	1.338e+004	-6.833e+003	4.273e+003	9.815e+002	-2.893e+002	-1.435e+002	29022.4	12097.7
649	2	1.448e+004	-8.086e+003	4.437e+003	9.422e+002	-4.791e+002	-1.148e+002	32075	12501.7
649	3	1.114e+004	-6.220e+003	3.413e+003	7.248e+002	-3.686e+002	-8.834e+001	24675	9617.43
649	4	1.114e+004	-6.220e+003	3.413e+003	7.248e+002	-3.686e+002	-8.834e+001	24675	9617.43
649	5	1.114e+004	-6.220e+003	3.413e+003	7.248e+002	-3.686e+002	-8.834e+001	24675	9617.43
650	1	1.168e+004	-5.648e+003	4.068e+003	1.702e+002	-5.319e+002	-8.569e+001	21505.6	13416.1
650	2	1.276e+004	-6.697e+003	4.193e+003	1.517e+002	-7.366e+002	-5.262e+001	24902.7	13860.3
650	3	9.814e+003	-5.151e+003	3.225e+003	1.167e+002	-5.666e+002	-4.047e+001	19154.1	10660
650	4	9.814e+003	-5.151e+003	3.225e+003	1.167e+002	-5.666e+002	-4.047e+001	19154.1	10660
650	5	9.814e+003	-5.151e+003	3.225e+003	1.167e+002	-5.666e+002	-4.047e+001	19154.1	10660
651	1	1.175e+004	-6.826e+003	3.447e+003	3.379e+003	-4.177e+002	7.247e+002	52749.7	19524.7
651	2	1.313e+004	-7.851e+003	3.648e+003	3.443e+003	-6.088e+002	7.344e+002	56517.5	19016.7
651	3	1.010e+004	-6.039e+003	2.806e+003	2.649e+003	-4.683e+002	5.649e+002	43479.3	14633.1
651	4	1.010e+004	-6.039e+003	2.806e+003	2.649e+003	-4.683e+002	5.649e+002	43479.3	14633.1
651	5	1.010e+004	-6.039e+003	2.806e+003	2.649e+003	-4.683e+002	5.649e+002	43479.3	14633.1
652	1	1.165e+004	-7.365e+003	4.401e+003	1.882e+003	-6.382e+002	1.309e+002	39017.2	7731.19
652	2	1.301e+004	-8.770e+003	4.591e+003	1.860e+003	-8.606e+002	1.447e+002	42771.2	6955.04
652	3	1.001e+004	-6.746e+003	3.531e+003	1.430e+003	-6.620e+002	1.113e+002	32896.1	5343.84
652	4	1.001e+004	-6.746e+003	3.531e+003	1.430e+003	-6.620e+002	1.113e+002	32896.1	5343.84
652	5	1.001e+004	-6.746e+003	3.531e+003	1.430e+003	-6.620e+002	1.113e+002	32896.1	5343.84
653	1	1.167e+004	-7.035e+003	5.154e+003	7.695e+002	-7.727e+002	-1.068e+002	29696.5	11516.5
653	2	1.300e+004	-8.493e+003	5.349e+003	7.189e+002	-1.020e+003	-9.160e+001	33653.4	12216.7
653	3	9.998e+003	-6.533e+003	4.114e+003	5.530e+002	-7.845e+002	-7.046e+001	25884.3	9395.75
653	4	9.998e+003	-6.533e+003	4.114e+003	5.530e+002	-7.845e+002	-7.046e+001	25884.3	9395.75
653	5	9.998e+003	-6.533e+003	4.114e+003	5.530e+002	-7.845e+002	-7.046e+001	25884.3	9395.75
654	1	1.102e+004	-5.891e+003	5.074e+003	2.306e+002	-8.513e+002	-1.088e+002	24461.3	13256.4
654	2	1.231e+004	-7.096e+003	5.242e+003	2.018e+002	-1.115e+003	-9.240e+001	28571.6	14027.3
654	3	9.470e+003	-5.459e+003	4.032e+003	1.552e+002	-8.574e+002	-7.107e+001	21976.5	10790.8
654	4	9.470e+003	-5.459e+003	4.032e+003	1.552e+002	-8.574e+002	-7.107e+001	21976.5	10790.8
654	5	9.470e+003	-5.459e+003	4.032e+003	1.552e+002	-8.574e+002	-7.107e+001	21976.5	10790.8
655	1	1.128e+004	-7.961e+003	3.808e+003	2.476e+003	-8.488e+002	7.945e+002	48706.5	13494.5
655	2	1.269e+004	-9.191e+003	4.015e+003	2.530e+003	-1.078e+003	8.013e+002	52907.4	13009.8

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
655	3	9.760e+003	-7.070e+003	3.089e+003	1.946e+003	-8.295e+002	6.164e+002	40697.7	10008.6
655	4	9.760e+003	-7.070e+003	3.089e+003	1.946e+003	-8.295e+002	6.164e+002	40697.7	10008.6
655	5	9.760e+003	-7.070e+003	3.089e+003	1.946e+003	-8.295e+002	6.164e+002	40697.7	10008.6
656	1	1.058e+004	-8.718e+003	4.800e+003	1.318e+003	-1.053e+003	2.336e+002	38008.1	5193.49
656	2	1.194e+004	-1.035e+004	5.032e+003	1.285e+003	-1.315e+003	2.355e+002	42318.9	5297.54
656	3	9.188e+003	-7.959e+003	3.871e+003	9.885e+002	-1.011e+003	1.812e+002	32550.3	4073.12
656	4	9.188e+003	-7.959e+003	3.871e+003	9.885e+002	-1.011e+003	1.812e+002	32550.3	4073.12
656	5	9.188e+003	-7.959e+003	3.871e+003	9.885e+002	-1.011e+003	1.812e+002	32550.3	4073.12
657	1	9.925e+003	-7.880e+003	5.477e+003	5.097e+002	-1.161e+003	-3.822e+001	30377.6	11054.6
657	2	1.124e+004	-9.544e+003	5.706e+003	4.492e+002	-1.448e+003	-3.700e+001	34879.9	12133.9
657	3	8.646e+003	-7.342e+003	4.389e+003	3.456e+002	-1.114e+003	-2.846e+001	26832.6	9333.13
657	4	8.646e+003	-7.342e+003	4.389e+003	3.456e+002	-1.114e+003	-2.846e+001	26832.6	9333.13
657	5	8.646e+003	-7.342e+003	4.389e+003	3.456e+002	-1.114e+003	-2.846e+001	26832.6	9333.13
658	1	9.523e+003	-6.123e+003	5.617e+003	1.717e+002	-1.207e+003	-1.095e+002	26180.1	13450
658	2	1.080e+004	-7.508e+003	5.826e+003	1.320e+002	-1.510e+003	-1.098e+002	30725.4	14596.4
658	3	8.308e+003	-5.776e+003	4.482e+003	1.015e+002	-1.162e+003	-8.449e+001	23639.4	11229.8
658	4	8.308e+003	-5.776e+003	4.482e+003	1.015e+002	-1.162e+003	-8.449e+001	23639.4	11229.8
658	5	8.308e+003	-5.776e+003	4.482e+003	1.015e+002	-1.162e+003	-8.449e+001	23639.4	11229.8
659	1	9.210e+003	-9.703e+003	4.438e+003	1.666e+003	-1.069e+003	8.302e+002	44083.4	8762.81
659	2	1.039e+004	-1.123e+004	4.680e+003	1.699e+003	-1.314e+003	8.337e+002	48325.9	8209.03
659	3	7.992e+003	-8.635e+003	3.600e+003	1.307e+003	-1.011e+003	6.413e+002	37173	6317.96
659	4	7.992e+003	-8.635e+003	3.600e+003	1.307e+003	-1.011e+003	6.413e+002	37173	6317.96
659	5	7.992e+003	-8.635e+003	3.600e+003	1.307e+003	-1.011e+003	6.413e+002	37173	6317.96
660	1	8.187e+003	-9.892e+003	5.710e+003	8.140e+002	-1.242e+003	2.880e+002	35592.8	5439.14
660	2	9.278e+003	-1.174e+004	6.019e+003	7.741e+002	-1.514e+003	2.785e+002	39977.7	6323.82
660	3	7.137e+003	-9.028e+003	4.630e+003	5.955e+002	-1.165e+003	2.142e+002	30752.9	4866.37
660	4	7.137e+003	-9.028e+003	4.630e+003	5.955e+002	-1.165e+003	2.142e+002	30752.9	4866.37
660	5	7.137e+003	-9.028e+003	4.630e+003	5.955e+002	-1.165e+003	2.142e+002	30752.9	4866.37
661	1	7.370e+003	-8.518e+003	5.891e+003	2.620e+002	-1.336e+003	6.352e+000	29195.3	11069.3
661	2	8.397e+003	-1.036e+004	6.146e+003	1.984e+002	-1.629e+003	-5.291e+000	33713.5	12243.6
661	3	6.459e+003	-7.972e+003	4.727e+003	1.526e+002	-1.253e+003	-4.070e+000	25934.7	9416.63
661	4	6.459e+003	-7.972e+003	4.727e+003	1.526e+002	-1.253e+003	-4.070e+000	25934.7	9416.63
661	5	6.459e+003	-7.972e+003	4.727e+003	1.526e+002	-1.253e+003	-4.070e+000	25934.7	9416.63
662	1	7.224e+003	-6.521e+003	5.805e+003	6.007e+001	-1.374e+003	-1.177e+002	25583	13624.8
662	2	8.248e+003	-8.119e+003	6.034e+003	1.298e+001	-1.681e+003	-1.329e+002	30147.3	14876.7
662	3	6.345e+003	-6.245e+003	4.642e+003	9.981e+000	-1.293e+003	-1.022e+002	23189.8	11443.9
662	4	6.345e+003	-6.245e+003	4.642e+003	9.981e+000	-1.293e+003	-1.022e+002	23189.8	11443.9
662	5	6.345e+003	-6.245e+003	4.642e+003	9.981e+000	-1.293e+003	-1.022e+002	23189.8	11443.9
663	1	5.718e+003	-1.251e+004	5.507e+003	9.250e+002	-1.005e+003	8.506e+002	39356.3	5234.86
663	2	6.418e+003	-1.447e+004	5.852e+003	9.350e+002	-1.216e+003	8.521e+002	43211.9	4628.4
663	3	4.937e+003	-1.113e+004	4.502e+003	7.192e+002	-9.356e+002	6.555e+002	33241.6	3558.97
663	4	4.937e+003	-1.113e+004	4.502e+003	7.192e+002	-9.356e+002	6.555e+002	33241.6	3558.97
663	5	4.937e+003	-1.113e+004	4.502e+003	7.192e+002	-9.356e+002	6.555e+002	33241.6	3558.97
664	1	3.909e+003	-1.056e+004	6.947e+003	3.966e+002	-1.113e+003	3.136e+002	30859.7	6945.81
664	2	4.407e+003	-1.256e+004	7.388e+003	3.585e+002	-1.341e+003	2.957e+002	34595.7	8062.2
664	3	3.390e+003	-9.660e+003	5.683e+003	2.758e+002	-1.032e+003	2.275e+002	26614.8	6200.54
664	4	3.390e+003	-9.660e+003	5.683e+003	2.758e+002	-1.032e+003	2.275e+002	26614.8	6200.54
664	5	3.390e+003	-9.660e+003	5.683e+003	2.758e+002	-1.032e+003	2.275e+002	26614.8	6200.54
665	1	3.623e+003	-8.466e+003	5.844e+003	7.319e+001	-1.174e+003	2.649e+001	24351.5	10077.3
665	2	4.088e+003	-1.041e+004	6.067e+003	1.938e+001	-1.417e+003	4.703e+000	28157.7	11005.4
665	3	3.144e+003	-8.011e+003	4.667e+003	1.491e+001	-1.090e+003	3.618e+000	21662.5	8465.42
665	4	3.144e+003	-8.011e+003	4.667e+003	1.491e+001	-1.090e+003	3.618e+000	21662.5	8465.42
665	5	3.144e+003	-8.011e+003	4.667e+003	1.491e+001	-1.090e+003	3.618e+000	21662.5	8465.42
666	1	4.150e+003	-7.231e+003	5.604e+003	-3.388e+001	-1.201e+003	-1.289e+002	22031.9	12546.6
666	2	4.707e+003	-9.117e+003	5.800e+003	-7.785e+001	-1.454e+003	-1.559e+002	26081.4	13549.4
666	3	3.621e+003	-7.013e+003	4.462e+003	-5.988e+001	-1.118e+003	-1.199e+002	20058.9	10422.5
666	4	3.621e+003	-7.013e+003	4.462e+003	-5.988e+001	-1.118e+003	-1.199e+002	20058.9	10422.5
666	5	3.621e+003	-7.013e+003	4.462e+003	-5.988e+001	-1.118e+003	-1.199e+002	20058.9	10422.5
667	1	-1.063e+003	-1.703e+004	7.562e+003	3.077e+002	-4.612e+002	8.601e+002	35080.8	11297.2
667	2	-1.256e+003	-1.965e+004	8.149e+003	3.077e+002	-5.553e+002	8.606e+002	38078.1	12883.6
667	3	-9.663e+002	-1.512e+004	6.268e+003	2.367e+002	-4.272e+002	6.620e+002	29293.6	9914.43
667	4	-9.663e+002	-1.512e+004	6.268e+003	2.367e+002	-4.272e+002	6.620e+002	29293.6	9914.43
667	5	-9.663e+002	-1.512e+004	6.268e+003	2.367e+002	-4.272e+002	6.620e+002	29293.6	9914.43
668	1	-4.662e+002	-9.720e+003	6.947e+003	9.230e+001	-5.088e+002	3.244e+002	22698	8090.06
668	2	-6.391e+002	-1.171e+004	7.407e+003	7.280e+001	-6.097e+002	3.023e+002	24880.9	9617.12
668	3	-4.916e+002	-9.006e+003	5.698e+003	5.600e+001	-4.690e+002	2.326e+002	19139.1	7396.46
668	4	-4.916e+002	-9.006e+003	5.698e+003	5.600e+001	-4.690e+002	2.326e+002	19139.1	7396.46

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
668	5	-4.916e+002	-9.006e+003	5.698e+003	5.600e+001	-4.690e+002	2.326e+002	19139.1	7396.46
669	1	-1.283e+002	-7.849e+003	5.698e+003	-1.561e+001	-5.309e+002	3.127e+001	16393.5	9794.72
669	2	-2.981e+002	-9.797e+003	5.925e+003	-4.033e+001	-6.367e+002	3.640e+000	18571.4	10912.1
669	3	-2.293e+002	-7.536e+003	4.557e+003	-3.103e+001	-4.897e+002	2.800e+000	14284.4	8392.96
669	4	-2.293e+002	-7.536e+003	4.557e+003	-3.103e+001	-4.897e+002	2.800e+000	14284.4	8392.96
669	5	-2.293e+002	-7.536e+003	4.557e+003	-3.103e+001	-4.897e+002	2.800e+000	14284.4	8392.96
670	1	1.024e+004	-5.472e+003	3.763e+003	-3.071e+002	-6.132e+002	1.401e+002	18438.9	13658.6
670	2	1.121e+004	-6.486e+003	3.806e+003	-3.298e+002	-8.405e+002	1.801e+002	21896.7	14142.3
670	3	8.626e+003	-4.990e+003	2.927e+003	-2.537e+002	-6.466e+002	1.385e+002	16846	10881.5
670	4	8.626e+003	-4.990e+003	2.927e+003	-2.537e+002	-6.466e+002	1.385e+002	16846	10881.5
670	5	8.626e+003	-4.990e+003	2.927e+003	-2.537e+002	-6.466e+002	1.385e+002	16846	10881.5
671	1	8.901e+003	-5.814e+003	3.487e+003	-5.904e+002	-8.405e+002	2.772e+002	18869.3	13609.3
671	2	9.819e+003	-6.989e+003	3.498e+003	-6.538e+002	-1.105e+003	3.205e+002	22482.1	14583.8
671	3	7.553e+003	-5.376e+003	2.691e+003	-5.029e+002	-8.499e+002	2.465e+002	17292.9	11218.4
671	4	7.553e+003	-5.376e+003	2.691e+003	-5.029e+002	-8.499e+002	2.465e+002	17292.9	11218.4
671	5	7.553e+003	-5.376e+003	2.691e+003	-5.029e+002	-8.499e+002	2.465e+002	17292.9	11218.4
672	1	8.060e+003	-5.554e+003	3.651e+003	-4.809e+002	-9.451e+002	3.275e+002	20176.9	11329.3
672	2	8.906e+003	-6.721e+003	3.651e+003	-5.596e+002	-1.242e+003	3.717e+002	23887.7	12447.3
672	3	6.851e+003	-5.170e+003	2.808e+003	-4.304e+002	-9.557e+002	2.859e+002	18377.5	9573.98
672	4	6.851e+003	-5.170e+003	2.808e+003	-4.304e+002	-9.557e+002	2.859e+002	18377.5	9573.98
672	5	6.851e+003	-5.170e+003	2.808e+003	-4.304e+002	-9.557e+002	2.859e+002	18377.5	9573.98
673	1	7.478e+003	-4.807e+003	3.478e+003	-6.395e+001	-9.285e+002	2.538e+002	20633.6	7250.91
673	2	8.234e+003	-5.785e+003	3.455e+003	-1.373e+002	-1.255e+003	2.976e+002	24396.8	8414.56
673	3	6.334e+003	-4.450e+003	2.658e+003	-1.056e+002	-9.652e+002	2.289e+002	18765.5	6472.62
673	4	6.334e+003	-4.450e+003	2.658e+003	-1.056e+002	-9.652e+002	2.289e+002	18765.5	6472.62
673	5	6.334e+003	-4.450e+003	2.658e+003	-1.056e+002	-9.652e+002	2.289e+002	18765.5	6472.62
674	1	9.688e+003	-5.598e+003	4.674e+003	-1.593e+002	-9.811e+002	1.629e+001	21845	12611.8
674	2	1.087e+004	-6.771e+003	4.783e+003	-1.930e+002	-1.268e+003	3.422e+001	26027.7	13483.5
674	3	8.360e+003	-5.208e+003	3.679e+003	-1.485e+002	-9.755e+002	2.632e+001	20020.3	10370.7
674	4	8.360e+003	-5.208e+003	3.679e+003	-1.485e+002	-9.755e+002	2.632e+001	20020.3	10370.7
674	5	8.360e+003	-5.208e+003	3.679e+003	-1.485e+002	-9.755e+002	2.632e+001	20020.3	10370.7
675	1	9.019e+003	-6.189e+003	4.476e+003	-5.666e+002	-1.248e+003	1.318e+002	22314.7	13721.1
675	2	1.012e+004	-7.570e+003	4.565e+003	-6.440e+002	-1.575e+003	1.505e+002	26718.3	15047.4
675	3	7.785e+003	-5.823e+003	3.511e+003	-4.954e+002	-1.212e+003	1.158e+002	20556.4	11574.6
675	4	7.785e+003	-5.823e+003	3.511e+003	-4.954e+002	-1.212e+003	1.158e+002	20556.4	11574.6
675	5	7.785e+003	-5.823e+003	3.511e+003	-4.954e+002	-1.212e+003	1.158e+002	20556.4	11574.6
676	1	8.284e+003	-6.023e+003	4.361e+003	-5.849e+002	-1.451e+003	1.961e+002	23733.8	12717.4
676	2	9.297e+003	-7.402e+003	4.454e+003	-6.796e+002	-1.812e+003	2.149e+002	28289.5	14319.2
676	3	7.151e+003	-5.694e+003	3.426e+003	-5.228e+002	-1.393e+003	1.653e+002	21753.5	11013.5
676	4	7.151e+003	-5.694e+003	3.426e+003	-5.228e+002	-1.393e+003	1.653e+002	21753.5	11013.5
676	5	7.151e+003	-5.694e+003	3.426e+003	-5.228e+002	-1.393e+003	1.653e+002	21753.5	11013.5
677	1	7.555e+003	-4.998e+003	4.256e+003	-3.609e+002	-1.567e+003	1.656e+002	24256.8	11379.8
677	2	8.460e+003	-6.169e+003	4.352e+003	-4.516e+002	-1.957e+003	1.839e+002	28866.2	13250.2
677	3	6.508e+003	-4.745e+003	3.348e+003	-3.474e+002	-1.505e+003	1.415e+002	22201.6	10191.2
677	4	6.508e+003	-4.745e+003	3.348e+003	-3.474e+002	-1.505e+003	1.415e+002	22201.6	10191.2
677	5	6.508e+003	-4.745e+003	3.348e+003	-3.474e+002	-1.505e+003	1.415e+002	22201.6	10191.2
678	1	8.630e+003	-5.748e+003	5.325e+003	-1.358e+002	-1.326e+003	-8.990e+001	24054.5	13808.6
678	2	9.803e+003	-7.104e+003	5.513e+003	-1.802e+002	-1.651e+003	-9.427e+001	28693.1	15123.4
678	3	7.541e+003	-5.465e+003	4.241e+003	-1.386e+002	-1.270e+003	-7.251e+001	22072.4	11633.6
678	4	7.541e+003	-5.465e+003	4.241e+003	-1.386e+002	-1.270e+003	-7.251e+001	22072.4	11633.6
678	5	7.541e+003	-5.465e+003	4.241e+003	-1.386e+002	-1.270e+003	-7.251e+001	22072.4	11633.6
679	1	8.059e+003	-6.529e+003	5.139e+003	-5.403e+002	-1.577e+003	-2.734e+001	24465.3	14811.5
679	2	9.144e+003	-8.125e+003	5.324e+003	-6.268e+002	-1.939e+003	-3.341e+001	29390.6	16462.3
679	3	7.034e+003	-6.250e+003	4.095e+003	-4.821e+002	-1.492e+003	-2.570e+001	22612.5	12663.4
679	4	7.034e+003	-6.250e+003	4.095e+003	-4.821e+002	-1.492e+003	-2.570e+001	22612.5	12663.4
679	5	7.034e+003	-6.250e+003	4.095e+003	-4.821e+002	-1.492e+003	-2.570e+001	22612.5	12663.4
680	1	7.502e+003	-6.409e+003	5.036e+003	-6.275e+002	-1.783e+003	3.314e+001	25701.6	14642.9
680	2	8.490e+003	-8.016e+003	5.231e+003	-7.309e+002	-2.179e+003	2.750e+001	30801.3	16529.1
680	3	6.531e+003	-6.166e+003	4.023e+003	-5.622e+002	-1.676e+003	2.115e+001	23691.6	12713.6
680	4	6.531e+003	-6.166e+003	4.023e+003	-5.622e+002	-1.676e+003	2.115e+001	23691.6	12713.6
680	5	6.531e+003	-6.166e+003	4.023e+003	-5.622e+002	-1.676e+003	2.115e+001	23691.6	12713.6
681	1	6.918e+003	-5.347e+003	4.980e+003	-5.035e+002	-1.925e+003	3.765e+001	26245.7	14600
681	2	7.802e+003	-6.748e+003	5.200e+003	-6.038e+002	-2.347e+003	3.189e+001	31360.7	16752.5
681	3	6.002e+003	-5.191e+003	4.000e+003	-4.644e+002	-1.806e+003	2.453e+001	24129.9	12889.3
681	4	6.002e+003	-5.191e+003	4.000e+003	-4.644e+002	-1.806e+003	2.453e+001	24129.9	12889.3
681	5	6.002e+003	-5.191e+003	4.000e+003	-4.644e+002	-1.806e+003	2.453e+001	24129.9	12889.3
682	1	6.660e+003	-6.057e+003	5.841e+003	-1.610e+002	-1.480e+003	-1.773e+002	24059.6	15260.6

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
682	2	7.598e+003	-7.642e+003	6.117e+003	-2.120e+002	-1.805e+003	-2.017e+002	28744.7	16775.8
682	3	5.845e+003	-5.878e+003	4.706e+003	-1.631e+002	-1.388e+003	-1.551e+002	22107.3	12903.7
682	4	5.845e+003	-5.878e+003	4.706e+003	-1.631e+002	-1.388e+003	-1.551e+002	22107.3	12903.7
682	5	5.845e+003	-5.878e+003	4.706e+003	-1.631e+002	-1.388e+003	-1.551e+002	22107.3	12903.7
683	1	6.152e+003	-6.828e+003	5.719e+003	-4.917e+002	-1.676e+003	-1.615e+002	24459.4	16002.7
683	2	6.988e+003	-8.638e+003	6.011e+003	-5.770e+002	-2.033e+003	-1.896e+002	29447	17750.6
683	3	5.376e+003	-6.645e+003	4.624e+003	-4.438e+002	-1.563e+003	-1.458e+002	22645.1	13652.1
683	4	5.376e+003	-6.645e+003	4.624e+003	-4.438e+002	-1.563e+003	-1.458e+002	22645.1	13652.1
683	5	5.376e+003	-6.645e+003	4.624e+003	-4.438e+002	-1.563e+003	-1.458e+002	22645.1	13652.1
684	1	5.713e+003	-6.767e+003	5.507e+003	-5.907e+002	-1.845e+003	-1.095e+002	25368.1	15717.9
684	2	6.459e+003	-6.601e+003	5.793e+003	-6.901e+002	-2.228e+003	-1.366e+002	30501.5	17588.9
684	3	4.968e+003	-6.616e+003	4.456e+003	-5.308e+002	-1.714e+003	-1.051e+002	23463.8	13530.2
684	4	4.968e+003	-6.616e+003	4.456e+003	-5.308e+002	-1.714e+003	-1.051e+002	23463.8	13530.2
684	5	4.968e+003	-6.616e+003	4.456e+003	-5.308e+002	-1.714e+003	-1.051e+002	23463.8	13530.2
685	1	5.369e+003	-5.908e+003	5.522e+003	-5.241e+002	-1.971e+003	-8.521e+001	25940.8	15948.2
685	2	6.042e+003	-7.584e+003	5.847e+003	-6.220e+002	-2.376e+003	-1.117e+002	31096.8	18026.6
685	3	4.648e+003	-5.834e+003	4.498e+003	-4.784e+002	-1.828e+003	-8.592e+001	23924.1	13868.2
685	4	4.648e+003	-5.834e+003	4.498e+003	-4.784e+002	-1.828e+003	-8.592e+001	23924.1	13868.2
685	5	4.648e+003	-5.834e+003	4.498e+003	-4.784e+002	-1.828e+003	-8.592e+001	23924.1	13868.2
686	1	3.913e+003	-6.796e+003	6.376e+003	-1.676e+002	-1.282e+003	-2.370e+002	21338	15826.6
686	2	4.415e+003	-8.695e+003	6.770e+003	-2.142e+002	-1.546e+003	-2.763e+002	25529.1	17334.4
686	3	3.396e+003	-6.689e+003	5.208e+003	-1.647e+002	-1.189e+003	-2.125e+002	19636.8	13333.5
686	4	3.396e+003	-6.689e+003	5.208e+003	-1.647e+002	-1.189e+003	-2.125e+002	19636.8	13333.5
686	5	3.396e+003	-6.689e+003	5.208e+003	-1.647e+002	-1.189e+003	-2.125e+002	19636.8	13333.5
687	1	3.175e+003	-6.908e+003	6.373e+003	-3.817e+002	-1.403e+003	-2.549e+002	21026.6	16516.3
687	2	3.514e+003	-8.891e+003	6.805e+003	-4.500e+002	-1.687e+003	-2.993e+002	25327.4	18201.9
687	3	2.703e+003	-6.839e+003	5.235e+003	-3.461e+002	-1.298e+003	-2.302e+002	19485.7	14002
687	4	2.703e+003	-6.839e+003	5.235e+003	-3.461e+002	-1.298e+003	-2.302e+002	19485.7	14002
687	5	2.703e+003	-6.839e+003	5.235e+003	-3.461e+002	-1.298e+003	-2.302e+002	19485.7	14002
688	1	2.879e+003	-6.891e+003	5.631e+003	-4.519e+002	-1.511e+003	-2.138e+002	21356.4	15056.1
688	2	3.149e+003	-8.907e+003	5.948e+003	-5.293e+002	-1.813e+003	-2.571e+002	25785.2	16589.2
688	3	2.422e+003	-6.852e+003	4.575e+003	-4.071e+002	-1.395e+003	-1.978e+002	19838.5	12761.4
688	4	2.422e+003	-6.852e+003	4.575e+003	-4.071e+002	-1.395e+003	-1.978e+002	19838.5	12761.4
688	5	2.422e+003	-6.852e+003	4.575e+003	-4.071e+002	-1.395e+003	-1.978e+002	19838.5	12761.4
689	1	3.037e+003	-6.846e+003	5.702e+003	-4.206e+002	-1.598e+003	-1.802e+002	22489.4	14900.2
689	2	3.332e+003	-8.869e+003	6.071e+003	-4.982e+002	-1.915e+003	-2.222e+002	27074.4	16532.9
689	3	2.563e+003	-6.822e+003	4.670e+003	-3.832e+002	-1.473e+003	-1.709e+002	20825.7	12717.1
689	4	2.563e+003	-6.822e+003	4.670e+003	-3.832e+002	-1.473e+003	-1.709e+002	20825.7	12717.1
689	5	2.563e+003	-6.822e+003	4.670e+003	-3.832e+002	-1.473e+003	-1.709e+002	20825.7	12717.1
690	1	6.389e+001	-8.248e+003	7.256e+003	-7.927e+001	-5.632e+002	-2.649e+002	15576	17217
690	2	-1.425e+002	-1.060e+004	7.848e+003	-9.891e+001	-6.759e+002	-3.118e+002	18510.4	19240.3
690	3	-1.096e+002	-8.154e+003	6.037e+003	-7.609e+001	-5.199e+002	-2.398e+002	14239.1	14799.8
690	4	-1.096e+002	-8.154e+003	6.037e+003	-7.609e+001	-5.199e+002	-2.398e+002	14239.1	14799.8
690	5	-1.096e+002	-8.154e+003	6.037e+003	-7.609e+001	-5.199e+002	-2.398e+002	14239.1	14799.8
691	1	-1.221e+001	-6.458e+003	6.675e+003	-1.695e+002	-6.087e+002	-3.039e+002	13227.8	16624.1
691	2	-2.484e+002	-8.503e+003	7.180e+003	-1.989e+002	-7.286e+002	-3.568e+002	15852.6	18451
691	3	-1.911e+002	-6.541e+003	5.523e+003	-1.530e+002	-5.604e+002	-2.744e+002	12194.4	14192.1
691	4	-1.911e+002	-6.541e+003	5.523e+003	-1.530e+002	-5.604e+002	-2.744e+002	12194.4	14192.1
691	5	-1.911e+002	-6.541e+003	5.523e+003	-1.530e+002	-5.604e+002	-2.744e+002	12194.4	14192.1
692	1	-1.375e+002	-6.510e+003	5.780e+003	-1.853e+002	-6.470e+002	-2.711e+002	13021.1	14533.2
692	2	-4.090e+002	-8.604e+003	6.135e+003	-2.170e+002	-7.733e+002	-3.237e+002	15729.2	16091.2
692	3	-3.146e+002	-6.618e+003	4.719e+003	-1.669e+002	-5.948e+002	-2.490e+002	12098.5	12377.4
692	4	-3.146e+002	-6.618e+003	4.719e+003	-1.669e+002	-5.948e+002	-2.490e+002	12098.5	12377.4
692	5	-3.146e+002	-6.618e+003	4.719e+003	-1.669e+002	-5.948e+002	-2.490e+002	12098.5	12377.4
693	1	7.197e+003	-4.839e+003	-3.407e+003	-6.965e+001	-9.490e+002	-2.445e+002	20465.3	7068.42
693	2	7.930e+003	-5.819e+003	-3.379e+003	-1.434e+002	-1.277e+003	-2.876e+002	24244.1	8258.71
693	3	6.100e+003	-4.476e+003	-2.599e+003	-1.103e+002	-9.823e+002	-2.212e+002	18648.8	6352.83
693	4	6.100e+003	-4.476e+003	-2.599e+003	-1.103e+002	-9.823e+002	-2.212e+002	18648.8	6352.83
693	5	6.100e+003	-4.476e+003	-2.599e+003	-1.103e+002	-9.823e+002	-2.212e+002	18648.8	6352.83
694	1	7.732e+003	-5.612e+003	-3.570e+003	-4.885e+002	-9.676e+002	-3.164e+002	19999.7	11047.6
694	2	8.552e+003	-6.785e+003	-3.564e+003	-5.678e+002	-1.267e+003	-3.598e+002	23735.4	12161.4
694	3	6.578e+003	-5.219e+003	-2.742e+003	-4.368e+002	-9.744e+002	-2.767e+002	18255.5	9355.11
694	4	6.578e+003	-5.219e+003	-2.742e+003	-4.368e+002	-9.744e+002	-2.767e+002	18255.5	9355.11
694	5	6.578e+003	-5.219e+003	-2.742e+003	-4.368e+002	-9.744e+002	-2.767e+002	18255.5	9355.11
695	1	8.514e+003	-5.871e+003	-3.387e+003	-6.024e+002	-8.666e+002	-2.623e+002	18620.8	13277.7
695	2	9.401e+003	-7.051e+003	-3.390e+003	-6.667e+002	-1.133e+003	-3.045e+002	22247	14236.8
695	3	7.231e+003	-5.424e+003	-2.608e+003	-5.128e+002	-8.715e+002	-2.342e+002	17112.8	10950.6

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
695	4	7.231e+003	-5.424e+003	-2.608e+003	-5.128e+002	-8.715e+002	-2.342e+002	17112.8	10950.6
695	5	7.231e+003	-5.424e+003	-2.608e+003	-5.128e+002	-8.715e+002	-2.342e+002	17112.8	10950.6
696	1	9.752e+003	-5.487e+003	-3.627e+003	-3.265e+002	-6.443e+002	-1.260e+002	18003.8	13241.3
696	2	1.068e+004	-6.503e+003	-3.658e+003	-3.507e+002	-8.741e+002	-1.648e+002	21459.9	13701.3
696	3	8.218e+003	-5.002e+003	-2.814e+003	-2.698e+002	-6.724e+002	-1.268e+002	16509.4	10542
696	4	8.218e+003	-5.002e+003	-2.814e+003	-2.698e+002	-6.724e+002	-1.268e+002	16509.4	10542
696	5	8.218e+003	-5.002e+003	-2.814e+003	-2.698e+002	-6.724e+002	-1.268e+002	16509.4	10542
697	1	7.244e+003	-5.040e+003	-4.135e+003	-3.704e+002	-1.603e+003	-1.591e+002	24240.8	11337.2
697	2	8.125e+003	-6.214e+003	-4.222e+003	-4.618e+002	-1.996e+003	-1.769e+002	28880.6	13243.1
697	3	6.250e+003	-4.780e+003	-3.248e+003	-3.553e+002	-1.535e+003	-1.361e+002	22212.4	10185.6
697	4	6.250e+003	-4.780e+003	-3.248e+003	-3.553e+002	-1.535e+003	-1.361e+002	22212.4	10185.6
697	5	6.250e+003	-4.780e+003	-3.248e+003	-3.553e+002	-1.535e+003	-1.361e+002	22212.4	10185.6
698	1	7.911e+003	-6.108e+003	-4.216e+003	-5.937e+002	-1.492e+003	-1.880e+002	23742	12473.2
698	2	8.894e+003	-7.493e+003	-4.296e+003	-6.891e+002	-1.856e+003	-2.063e+002	28330.3	14089.9
698	3	6.841e+003	-5.764e+003	-3.305e+003	-5.301e+002	-1.428e+003	-1.587e+002	21795.3	10838.7
698	4	6.841e+003	-5.764e+003	-3.305e+003	-5.301e+002	-1.428e+003	-1.587e+002	21795.3	10838.7
698	5	6.841e+003	-5.764e+003	-3.305e+003	-5.301e+002	-1.428e+003	-1.587e+002	21795.3	10838.7
699	1	8.560e+003	-6.294e+003	-4.282e+003	-5.816e+002	-1.298e+003	-1.214e+002	22271.9	13349
699	2	9.624e+003	-7.683e+003	-4.355e+003	-6.602e+002	-1.628e+003	-1.393e+002	26706.6	14681.4
699	3	7.403e+003	-5.910e+003	-3.350e+003	-5.078e+002	-1.252e+003	-1.071e+002	20540.7	11293.4
699	4	7.403e+003	-5.910e+003	-3.350e+003	-5.078e+002	-1.252e+003	-1.071e+002	20540.7	11293.4
699	5	7.403e+003	-5.910e+003	-3.350e+003	-5.078e+002	-1.252e+003	-1.071e+002	20540.7	11293.4
700	1	9.113e+003	-5.694e+003	-4.398e+003	-1.896e+002	-1.041e+003	-5.989e+000	21575.3	12141.3
700	2	1.025e+004	-6.874e+003	-4.485e+003	-2.257e+002	-1.333e+003	-2.308e+001	25792.8	13025.5
700	3	7.882e+003	-5.288e+003	-3.450e+003	-1.736e+002	-1.025e+003	-1.776e+001	19835.9	10017.7
700	4	7.882e+003	-5.288e+003	-3.450e+003	-1.736e+002	-1.025e+003	-1.776e+001	19835.9	10017.7
700	5	7.882e+003	-5.288e+003	-3.450e+003	-1.736e+002	-1.025e+003	-1.776e+001	19835.9	10017.7
701	1	6.594e+003	-5.416e+003	-4.795e+003	-5.140e+002	-1.968e+003	-3.645e+001	26348.9	14521.6
701	2	7.452e+003	-6.822e+003	-5.000e+003	-6.151e+002	-2.394e+003	-3.059e+001	31504	16700.8
701	3	5.732e+003	-5.248e+003	-3.847e+003	-4.731e+002	-1.842e+003	-2.353e+001	24238.8	12849.4
701	4	5.732e+003	-5.248e+003	-3.847e+003	-4.731e+002	-1.842e+003	-2.353e+001	24238.8	12849.4
701	5	5.732e+003	-5.248e+003	-3.847e+003	-4.731e+002	-1.842e+003	-2.353e+001	24238.8	12849.4
702	1	7.102e+003	-6.542e+003	-4.808e+003	-6.365e+002	-1.834e+003	-3.102e+001	25876.7	14362.1
702	2	8.058e+003	-8.159e+003	-4.983e+003	-7.406e+002	-2.233e+003	-2.521e+001	31013.3	16254
702	3	6.199e+003	-6.276e+003	-3.833e+003	-5.697e+002	-1.718e+003	-1.939e+001	23859.2	12504.3
702	4	6.199e+003	-6.276e+003	-3.833e+003	-5.697e+002	-1.718e+003	-1.939e+001	23859.2	12504.3
702	5	6.199e+003	-6.276e+003	-3.833e+003	-5.697e+002	-1.718e+003	-1.939e+001	23859.2	12504.3
703	1	7.567e+003	-6.716e+003	-4.838e+003	-5.565e+002	-1.638e+003	3.086e+001	24630.1	14370.1
703	2	8.611e+003	-8.327e+003	-4.999e+003	-6.442e+002	-2.006e+003	3.721e+001	29622.2	16022.5
703	3	6.624e+003	-6.405e+003	-3.845e+003	-4.956e+002	-1.543e+003	2.863e+001	22784.8	12325.1
703	4	6.624e+003	-6.405e+003	-3.845e+003	-4.956e+002	-1.543e+003	2.863e+001	22784.8	12325.1
703	5	6.624e+003	-6.405e+003	-3.845e+003	-4.956e+002	-1.543e+003	2.863e+001	22784.8	12325.1
704	1	8.021e+003	-5.971e+003	-4.908e+003	-1.705e+002	-1.401e+003	9.424e+001	24032.5	13250.1
704	2	9.145e+003	-7.346e+003	-5.062e+003	-2.177e+002	-1.731e+003	9.895e+001	28722.1	14570.2
704	3	7.034e+003	-5.651e+003	-3.894e+003	-1.674e+002	-1.332e+003	7.612e+001	22098.2	11208.5
704	4	7.034e+003	-5.651e+003	-3.894e+003	-1.674e+002	-1.332e+003	7.612e+001	22098.2	11208.5
704	5	7.034e+003	-5.651e+003	-3.894e+003	-1.674e+002	-1.332e+003	7.612e+001	22098.2	11208.5
705	1	5.056e+003	-6.023e+003	-5.263e+003	-5.335e+002	-2.012e+003	7.982e+001	26111.2	15661.4
705	2	5.703e+003	-7.708e+003	-5.567e+003	-6.320e+002	-2.420e+003	1.059e+002	31304.3	17734.4
705	3	4.387e+003	-5.929e+003	-4.282e+003	-4.862e+002	-1.861e+003	8.144e+001	24074.9	13638.9
705	4	4.387e+003	-5.929e+003	-4.282e+003	-4.862e+002	-1.861e+003	8.144e+001	24074.9	13638.9
705	5	4.387e+003	-5.929e+003	-4.282e+003	-4.862e+002	-1.861e+003	8.144e+001	24074.9	13638.9
706	1	5.317e+003	-6.966e+003	-5.187e+003	-5.983e+002	-1.894e+003	1.042e+002	25636.5	15228
706	2	6.031e+003	-8.816e+003	-5.447e+003	-6.983e+002	-2.281e+003	1.308e+002	30825.4	17078.5
706	3	4.639e+003	-6.782e+003	-4.190e+003	-5.372e+002	-1.755e+003	1.006e+002	23715.5	13138.4
706	4	4.639e+003	-6.782e+003	-4.190e+003	-5.372e+002	-1.755e+003	1.006e+002	23715.5	13138.4
706	5	4.639e+003	-6.782e+003	-4.190e+003	-5.372e+002	-1.755e+003	1.006e+002	23715.5	13138.4
707	1	5.661e+003	-7.121e+003	-5.311e+003	-5.059e+002	-1.737e+003	1.569e+002	24786.8	15325
707	2	6.458e+003	-8.955e+003	-5.570e+003	-5.924e+002	-2.098e+003	1.846e+002	29836.9	17037.4
707	3	4.968e+003	-6.889e+003	-4.284e+003	-4.557e+002	-1.614e+003	1.420e+002	22953.3	13105.3
707	4	4.968e+003	-6.889e+003	-4.284e+003	-4.557e+002	-1.614e+003	1.420e+002	22953.3	13105.3
707	5	4.968e+003	-6.889e+003	-4.284e+003	-4.557e+002	-1.614e+003	1.420e+002	22953.3	13105.3
708	1	6.057e+003	-6.448e+003	-5.291e+003	-1.939e+002	-1.554e+003	1.747e+002	24265.3	14423.4
708	2	6.947e+003	-8.065e+003	-5.523e+003	-2.475e+002	-1.885e+003	1.988e+002	29035.1	15900.9
708	3	5.344e+003	-6.204e+003	-4.249e+003	-1.904e+002	-1.450e+003	1.529e+002	22335.2	12231.9
708	4	5.344e+003	-6.204e+003	-4.249e+003	-1.904e+002	-1.450e+003	1.529e+002	22335.2	12231.9
708	5	5.344e+003	-6.204e+003	-4.249e+003	-1.904e+002	-1.450e+003	1.529e+002	22335.2	12231.9

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
709	1	2.776e+003	-7.032e+003	-5.363e+003	-4.272e+002	-1.628e+003	1.687e+002	22672.7	14233.5
709	2	3.050e+003	-9.070e+003	-5.705e+003	-5.053e+002	-1.947e+003	2.097e+002	27299.1	15811
709	3	2.346e+003	-6.977e+003	-4.388e+003	-3.887e+002	-1.498e+003	1.613e+002	21001.9	12162.5
709	4	2.346e+003	-6.977e+003	-4.388e+003	-3.887e+002	-1.498e+003	1.613e+002	21001.9	12162.5
709	5	2.346e+003	-6.977e+003	-4.388e+003	-3.887e+002	-1.498e+003	1.613e+002	21001.9	12162.5
710	1	2.533e+003	-7.168e+003	-5.213e+003	-4.567e+002	-1.548e+003	2.012e+002	21642.4	14196.1
710	2	2.775e+003	-9.207e+003	-5.496e+003	-5.345e+002	-1.853e+003	2.435e+002	26133.9	15660.3
710	3	2.134e+003	-7.082e+003	-4.228e+003	-4.111e+002	-1.425e+003	1.873e+002	20099.3	12045.6
710	4	2.134e+003	-7.082e+003	-4.228e+003	-4.111e+002	-1.425e+003	1.873e+002	20099.3	12045.6
710	5	2.134e+003	-7.082e+003	-4.228e+003	-4.111e+002	-1.425e+003	1.873e+002	20099.3	12045.6
711	1	2.732e+003	-7.322e+003	-5.863e+003	-3.908e+002	-1.449e+003	2.417e+002	21384.1	15437.3
711	2	3.035e+003	-9.339e+003	-6.254e+003	-4.598e+002	-1.737e+003	2.850e+002	25768.1	17035
711	3	2.335e+003	-7.184e+003	-4.810e+003	-3.537e+002	-1.336e+003	2.193e+002	19819.9	13103.5
711	4	2.335e+003	-7.184e+003	-4.810e+003	-3.537e+002	-1.336e+003	2.193e+002	19819.9	13103.5
711	5	2.335e+003	-7.184e+003	-4.810e+003	-3.537e+002	-1.336e+003	2.193e+002	19819.9	13103.5
712	1	3.369e+003	-7.396e+003	-5.699e+003	-1.919e+002	-1.342e+003	2.267e+002	21707.9	14507.2
712	2	3.827e+003	-9.344e+003	-6.039e+003	-2.404e+002	-1.611e+003	2.652e+002	26008.9	15911.1
712	3	2.944e+003	-7.188e+003	-4.645e+003	-1.849e+002	-1.239e+003	2.040e+002	20005.1	12238.3
712	4	2.944e+003	-7.188e+003	-4.645e+003	-1.849e+002	-1.239e+003	2.040e+002	20005.1	12238.3
712	5	2.944e+003	-7.188e+003	-4.645e+003	-1.849e+002	-1.239e+003	2.040e+002	20005.1	12238.3
713	1	-4.997e+002	-8.619e+003	-4.873e+003	-1.708e+002	-6.890e+002	2.176e+002	14972.3	12313.6
713	2	-8.306e+002	-1.112e+004	-5.127e+003	-2.026e+002	-8.219e+002	2.669e+002	18196.7	13822.6
713	3	-6.389e+002	-8.557e+003	-3.944e+003	-1.558e+002	-6.322e+002	2.053e+002	14000.5	10633.8
713	4	-6.389e+002	-8.557e+003	-3.944e+003	-1.558e+002	-6.322e+002	2.053e+002	14000.5	10633.8
713	5	-6.389e+002	-8.557e+003	-3.944e+003	-1.558e+002	-6.322e+002	2.053e+002	14000.5	10633.8
714	1	-3.499e+002	-6.880e+003	-5.278e+003	-1.865e+002	-6.604e+002	2.535e+002	13156.3	13385.5
714	2	-6.385e+002	-9.003e+003	-5.592e+003	-2.184e+002	-7.877e+002	3.047e+002	15943.7	14866.7
714	3	-4.912e+002	-6.926e+003	-4.302e+003	-1.680e+002	-6.059e+002	2.344e+002	12264.9	11437.1
714	4	-4.912e+002	-6.926e+003	-4.302e+003	-1.680e+002	-6.059e+002	2.344e+002	12264.9	11437.1
714	5	-4.912e+002	-6.926e+003	-4.302e+003	-1.680e+002	-6.059e+002	2.344e+002	12264.9	11437.1
715	1	-2.994e+002	-6.995e+003	-6.059e+003	-1.708e+002	-6.267e+002	2.839e+002	13394.9	15249.6
715	2	-5.588e+002	-9.084e+003	-6.515e+003	-2.002e+002	-7.481e+002	3.352e+002	16123.7	16986.9
715	3	-4.298e+002	-6.987e+003	-5.012e+003	-1.540e+002	-5.754e+002	2.578e+002	12402.2	13066.9
715	4	-4.298e+002	-6.987e+003	-5.012e+003	-1.540e+002	-5.754e+002	2.578e+002	12402.2	13066.9
715	5	-4.298e+002	-6.987e+003	-5.012e+003	-1.540e+002	-5.754e+002	2.578e+002	12402.2	13066.9
716	1	-9.745e+003	-3.941e+002	3.786e+003	-5.552e+002	-5.361e+001	-1.209e+002	15231.8	9680.83
716	2	-1.214e+004	-6.144e+002	3.766e+003	-6.656e+002	-7.588e+001	-1.571e+002	18193.1	10850.2
716	3	-9.340e+003	-4.726e+002	2.897e+003	-5.120e+002	-5.837e+001	-1.209e+002	13996.1	8348.01
716	4	-9.340e+003	-4.726e+002	2.897e+003	-5.120e+002	-5.837e+001	-1.209e+002	13996.1	8348.01
716	5	-9.340e+003	-4.726e+002	2.897e+003	-5.120e+002	-5.837e+001	-1.209e+002	13996.1	8348.01
717	1	-8.064e+003	3.609e+003	4.817e+003	-1.246e+003	-5.533e+001	-1.230e+002	22376.7	11050.7
717	2	-1.002e+004	4.123e+003	4.950e+003	-1.502e+003	-1.010e+002	-1.521e+002	26547.4	11981.9
717	3	-7.705e+003	3.171e+003	3.807e+003	-1.156e+003	-7.772e+001	-1.170e+002	20423.3	9216.73
717	4	-7.705e+003	3.171e+003	3.807e+003	-1.156e+003	-7.772e+001	-1.170e+002	20423.3	9216.73
717	5	-7.705e+003	3.171e+003	3.807e+003	-1.156e+003	-7.772e+001	-1.170e+002	20423.3	9216.73
718	1	-7.065e+003	6.636e+003	5.206e+003	-1.436e+003	3.322e+001	-1.104e+002	25776.9	12542.6
718	2	-8.707e+003	7.613e+003	5.386e+003	-1.748e+003	-1.604e+001	-1.275e+002	30420.1	13768.6
718	3	-6.698e+003	5.856e+003	4.143e+003	-1.345e+003	-1.234e+001	-9.805e+001	23403.7	10591.6
718	4	-6.698e+003	5.856e+003	4.143e+003	-1.345e+003	-1.234e+001	-9.805e+001	23403.7	10591.6
718	5	-6.698e+003	5.856e+003	4.143e+003	-1.345e+003	-1.234e+001	-9.805e+001	23403.7	10591.6
719	1	-6.429e+003	8.927e+003	5.197e+003	-1.271e+003	1.450e+002	-1.015e+002	26174.5	12620.1
719	2	-7.839e+003	1.016e+004	5.373e+003	-1.579e+003	1.031e+002	-1.031e+002	30767.6	13768.2
719	3	-6.030e+003	7.813e+003	4.133e+003	-1.215e+003	7.934e+001	-7.928e+001	23669.3	10590
719	4	-6.030e+003	7.813e+003	4.133e+003	-1.215e+003	7.934e+001	-7.928e+001	23669.3	10590
719	5	-6.030e+003	7.813e+003	4.133e+003	-1.215e+003	7.934e+001	-7.928e+001	23669.3	10590
720	1	-6.000e+003	1.046e+004	4.835e+003	-8.998e+002	2.094e+002	-9.722e+001	24253.7	12509.9
720	2	-7.215e+003	1.170e+004	4.985e+003	-1.167e+003	1.789e+002	-8.140e+001	28371.1	13271
720	3	-5.550e+003	8.999e+003	3.834e+003	-8.978e+002	1.377e+002	-6.261e+001	21824.4	10206.4
720	4	-5.550e+003	8.999e+003	3.834e+003	-8.978e+002	1.377e+002	-6.261e+001	21824.4	10206.4
720	5	-5.550e+003	8.999e+003	3.834e+003	-8.978e+002	1.377e+002	-6.261e+001	21824.4	10206.4
721	1	-5.594e+003	1.122e+004	4.019e+003	-5.507e+002	1.596e+002	-9.877e+001	21045.2	13125.9
721	2	-6.637e+003	1.226e+004	4.140e+003	-7.569e+002	1.402e+002	-6.553e+001	24424.7	13520.6
721	3	-5.106e+003	9.431e+003	3.185e+003	-5.823e+002	1.079e+002	-5.041e+001	18790	10400.6
721	4	-5.106e+003	9.431e+003	3.185e+003	-5.823e+002	1.079e+002	-5.041e+001	18790	10400.6
721	5	-5.106e+003	9.431e+003	3.185e+003	-5.823e+002	1.079e+002	-5.041e+001	18790	10400.6
722	1	-9.240e+003	-5.360e+002	4.627e+003	-5.479e+002	-1.533e+001	7.650e+001	16824.3	7825.75
722	2	-1.130e+004	-7.387e+002	4.766e+003	-6.551e+002	-4.003e+001	4.951e+001	19185.5	8965.74

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
722	3	-8.693e+003	-5.683e+002	3.666e+003	-5.039e+002	-3.079e+001	3.808e+001	14758.3	6897.04
722	4	-8.693e+003	-5.683e+002	3.666e+003	-5.039e+002	-3.079e+001	3.808e+001	14758.3	6897.04
722	5	-8.693e+003	-5.683e+002	3.666e+003	-5.039e+002	-3.079e+001	3.808e+001	14758.3	6897.04
723	1	-9.509e+003	3.197e+003	5.057e+003	-1.221e+003	7.229e+001	5.621e+001	25077.9	8172.13
723	2	-1.154e+004	3.627e+003	5.217e+003	-1.467e+003	1.841e+001	3.418e+001	29021.9	9006.38
723	3	-8.878e+003	2.790e+003	4.013e+003	-1.129e+003	1.416e+001	2.629e+001	22330.2	6928.11
723	4	-8.878e+003	2.790e+003	4.013e+003	-1.129e+003	1.416e+001	2.629e+001	22330.2	6928.11
723	5	-8.878e+003	2.790e+003	4.013e+003	-1.129e+003	1.416e+001	2.629e+001	22330.2	6928.11
724	1	-9.240e+003	6.928e+003	5.341e+003	-1.399e+003	2.623e+002	3.797e+001	29918.4	9603.31
724	2	-1.114e+004	7.919e+003	5.551e+003	-1.697e+003	1.988e+002	2.591e+001	34535.4	10726.6
724	3	-8.572e+003	6.091e+003	4.270e+003	-1.306e+003	1.529e+002	1.993e+001	26573.1	8251.65
724	4	-8.572e+003	6.091e+003	4.270e+003	-1.306e+003	1.529e+002	1.993e+001	26573.1	8251.65
724	5	-8.572e+003	6.091e+003	4.270e+003	-1.306e+003	1.529e+002	1.993e+001	26573.1	8251.65
725	1	-8.303e+003	9.474e+003	5.142e+003	-1.223e+003	5.138e+002	-4.541e+000	30912	9879.35
725	2	-1.000e+004	1.075e+004	5.343e+003	-1.516e+003	4.537e+002	-3.809e+000	35484.1	10925.9
725	3	-7.693e+003	8.271e+003	4.110e+003	-1.166e+003	3.490e+002	-2.930e+000	27296.1	8405.06
725	4	-7.693e+003	8.271e+003	4.110e+003	-1.166e+003	3.490e+002	-2.930e+000	27296.1	8405.06
725	5	-7.693e+003	8.271e+003	4.110e+003	-1.166e+003	3.490e+002	-2.930e+000	27296.1	8405.06
726	1	-7.183e+003	1.125e+004	5.042e+003	-8.179e+002	7.796e+002	-7.493e+001	29951.3	10623.3
726	2	-8.653e+003	1.254e+004	5.228e+003	-1.069e+003	7.298e+002	-6.024e+001	33935.2	11278.8
726	3	-6.656e+003	9.648e+003	4.021e+003	-8.221e+002	5.614e+002	-4.634e+001	26103.7	8676.15
726	4	-6.656e+003	9.648e+003	4.021e+003	-8.221e+002	5.614e+002	-4.634e+001	26103.7	8676.15
726	5	-6.656e+003	9.648e+003	4.021e+003	-8.221e+002	5.614e+002	-4.634e+001	26103.7	8676.15
727	1	-6.758e+003	1.304e+004	4.382e+003	-3.010e+002	9.967e+002	-1.637e+002	28837.1	12195.2
727	2	-8.005e+003	1.412e+004	4.556e+003	-4.919e+002	9.587e+002	-1.358e+002	31890.8	12538.2
727	3	-6.158e+003	1.086e+004	3.504e+003	-3.784e+002	7.374e+002	-1.045e+002	24529.5	9643.97
727	4	-6.158e+003	1.086e+004	3.504e+003	-3.784e+002	7.374e+002	-1.045e+002	24529.5	9643.97
727	5	-6.158e+003	1.086e+004	3.504e+003	-3.784e+002	7.374e+002	-1.045e+002	24529.5	9643.97
728	1	-1.124e+004	-8.652e+002	5.854e+003	-5.298e+002	9.732e+001	4.038e+002	23285.1	6647.97
728	2	-1.335e+004	-1.070e+003	6.226e+003	-6.325e+002	7.823e+001	3.871e+002	25626.1	8072.41
728	3	-1.027e+004	-8.233e+002	4.789e+003	-4.865e+002	6.017e+001	2.978e+002	19712.7	6209.92
728	4	-1.027e+004	-8.233e+002	4.789e+003	-4.865e+002	6.017e+001	2.978e+002	19712.7	6209.92
728	5	-1.027e+004	-8.233e+002	4.789e+003	-4.865e+002	6.017e+001	2.978e+002	19712.7	6209.92
729	1	-1.175e+004	3.557e+003	6.154e+003	-1.167e+003	4.026e+002	3.674e+002	31801.8	4748.96
729	2	-1.384e+004	4.027e+003	6.531e+003	-1.400e+003	3.651e+002	3.523e+002	35687.6	5707.18
729	3	-1.065e+004	3.098e+003	5.024e+003	-1.077e+003	2.808e+002	2.710e+002	27456	4391.08
729	4	-1.065e+004	3.098e+003	5.024e+003	-1.077e+003	2.808e+002	2.710e+002	27456	4391.08
729	5	-1.065e+004	3.098e+003	5.024e+003	-1.077e+003	2.808e+002	2.710e+002	27456	4391.08
730	1	-1.073e+004	7.859e+003	5.163e+003	-1.311e+003	8.243e+002	3.410e+002	36624.8	3720.88
730	2	-1.264e+004	8.923e+003	5.428e+003	-1.588e+003	7.852e+002	3.334e+002	41118.1	4459.04
730	3	-9.726e+003	6.864e+003	4.175e+003	-1.222e+003	6.040e+002	2.565e+002	31635.7	3429.36
730	4	-9.726e+003	6.864e+003	4.175e+003	-1.222e+003	6.040e+002	2.565e+002	31635.7	3429.36
730	5	-9.726e+003	6.864e+003	4.175e+003	-1.222e+003	6.040e+002	2.565e+002	31635.7	3429.36
731	1	-9.223e+003	1.025e+004	4.489e+003	-1.120e+003	1.336e+003	2.881e+002	38884.1	4393.52
731	2	-1.089e+004	1.159e+004	4.695e+003	-1.387e+003	1.305e+003	2.908e+002	43277.5	4227.3
731	3	-8.379e+003	8.913e+003	3.612e+003	-1.067e+003	1.004e+003	2.237e+002	33292.2	3253.08
731	4	-8.379e+003	8.913e+003	3.612e+003	-1.067e+003	1.004e+003	2.237e+002	33292.2	3253.08
731	5	-8.379e+003	8.913e+003	3.612e+003	-1.067e+003	1.004e+003	2.237e+002	33292.2	3253.08
732	1	-7.553e+003	1.130e+004	4.335e+003	-6.877e+002	1.912e+003	1.930e+002	39655	7544.78
732	2	-8.973e+003	1.264e+004	4.520e+003	-9.141e+002	1.892e+003	2.063e+002	43455.8	6644.73
732	3	-6.903e+003	9.722e+003	3.477e+003	-7.032e+002	1.455e+003	1.587e+002	33424.2	5109.39
732	4	-6.903e+003	9.722e+003	3.477e+003	-7.032e+002	1.455e+003	1.587e+002	33424.2	5109.39
732	5	-6.903e+003	9.722e+003	3.477e+003	-7.032e+002	1.455e+003	1.587e+002	33424.2	5109.39
733	1	-6.168e+003	1.369e+004	5.544e+003	-5.974e+001	2.468e+003	-2.251e-001	41730.6	12649.2
733	2	-7.349e+003	1.481e+004	5.736e+003	-2.298e+002	2.456e+003	2.119e+001	44576	11991
733	3	-5.653e+003	1.139e+004	4.412e+003	-1.767e+002	1.889e+003	1.630e+001	34284.4	9223.5
733	4	-5.653e+003	1.139e+004	4.412e+003	-1.767e+002	1.889e+003	1.630e+001	34284.4	9223.5
733	5	-5.653e+003	1.139e+004	4.412e+003	-1.767e+002	1.889e+003	1.630e+001	34284.4	9223.5
734	1	-1.873e+004	-1.447e+003	6.452e+003	-4.908e+002	3.051e+002	9.465e+002	35831.9	13225.3
734	2	-2.149e+004	-1.672e+003	6.949e+003	-5.873e+002	3.049e+002	9.556e+002	39005	14687.3
734	3	-1.653e+004	-1.286e+003	5.345e+003	-4.518e+002	2.346e+002	7.351e+002	30003.5	11297.1
734	4	-1.653e+004	-1.286e+003	5.345e+003	-4.518e+002	2.346e+002	7.351e+002	30003.5	11297.1
734	5	-1.653e+004	-1.286e+003	5.345e+003	-4.518e+002	2.346e+002	7.351e+002	30003.5	11297.1
735	1	-1.377e+004	5.444e+003	4.658e+003	-1.073e+003	9.207e+002	9.101e+002	40290.4	7558.4
735	2	-1.583e+004	6.122e+003	4.935e+003	-1.289e+003	9.303e+002	9.167e+002	44305.7	7156.58
735	3	-1.218e+004	4.709e+003	3.796e+003	-9.919e+002	7.156e+002	7.051e+002	34085.7	5504.42
735	4	-1.218e+004	4.709e+003	3.796e+003	-9.919e+002	7.156e+002	7.051e+002	34085.7	5504.42

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
735	5	-1.218e+004	4.709e+003	3.796e+003	-9.919e+002	7.156e+002	7.051e+002	34085.7	5504.42
736	1	-1.058e+004	8.966e+003	3.865e+003	-1.148e+003	1.666e+003	8.804e+002	45002.3	10163.2
736	2	-1.217e+004	1.013e+004	4.060e+003	-1.399e+003	1.699e+003	8.876e+002	49367.7	9719.57
736	3	-9.363e+003	7.789e+003	3.123e+003	-1.076e+003	1.307e+003	6.827e+002	37972.6	7477.29
736	4	-9.363e+003	7.789e+003	3.123e+003	-1.076e+003	1.307e+003	6.827e+002	37972.6	7477.29
736	5	-9.363e+003	7.789e+003	3.123e+003	-1.076e+003	1.307e+003	6.827e+002	37972.6	7477.29
737	1	-8.490e+003	1.104e+004	3.500e+003	-9.254e+002	2.488e+003	8.403e+002	49536.6	14516.6
737	2	-9.763e+003	1.243e+004	3.683e+003	-1.161e+003	2.543e+003	8.490e+002	53827.5	14110.9
737	3	-7.510e+003	9.560e+003	2.833e+003	-8.932e+002	1.956e+003	6.531e+002	41404.1	10855.4
737	4	-7.510e+003	9.560e+003	2.833e+003	-8.932e+002	1.956e+003	6.531e+002	41404.1	10855.4
737	5	-7.510e+003	9.560e+003	2.833e+003	-8.932e+002	1.956e+003	6.531e+002	41404.1	10855.4
738	1	-7.046e+003	1.149e+004	3.403e+003	-4.782e+002	3.411e+003	7.772e+002	53538.1	20471
738	2	-8.089e+003	1.285e+004	3.599e+003	-6.743e+002	3.478e+003	7.869e+002	57362.1	20033.5
738	3	-6.222e+003	9.882e+003	2.769e+003	-5.187e+002	2.675e+003	6.053e+002	44119.1	15409.2
738	4	-6.222e+003	9.882e+003	2.769e+003	-5.187e+002	2.675e+003	6.053e+002	44119.1	15409.2
738	5	-6.222e+003	9.882e+003	2.769e+003	-5.187e+002	2.675e+003	6.053e+002	44119.1	15409.2
739	1	-2.059e+004	-1.429e+003	-2.088e+003	-4.372e+002	2.898e+002	1.594e+003	33746.1	33030.6
739	2	-2.345e+004	-1.680e+003	-2.595e+003	-5.299e+002	2.909e+002	1.638e+003	36427.7	35303
739	3	-1.804e+004	-1.292e+003	-1.996e+003	-4.076e+002	2.238e+002	1.260e+003	28022.8	27156.7
739	4	-1.804e+004	-1.292e+003	-1.996e+003	-4.076e+002	2.238e+002	1.260e+003	28022.8	27156.7
739	5	-1.804e+004	-1.292e+003	-1.996e+003	-4.076e+002	2.238e+002	1.260e+003	28022.8	27156.7
740	1	-1.548e+004	5.298e+003	5.965e+002	-9.601e+002	9.492e+002	1.572e+003	43055.9	25130
740	2	-1.761e+004	5.937e+003	4.239e+002	-1.169e+003	9.620e+002	1.612e+003	46811.3	26086.3
740	3	-1.354e+004	4.567e+003	3.261e+002	-8.994e+002	7.400e+002	1.240e+003	36005.3	20064.9
740	4	-1.354e+004	4.567e+003	3.261e+002	-8.994e+002	7.400e+002	1.240e+003	36005.3	20064.9
740	5	-1.354e+004	4.567e+003	3.261e+002	-8.994e+002	7.400e+002	1.240e+003	36005.3	20064.9
741	1	-1.213e+004	9.080e+003	1.886e+003	-1.040e+003	1.726e+003	1.531e+003	49605.5	22482.9
741	2	-1.375e+004	1.019e+004	1.908e+003	-1.283e+003	1.764e+003	1.561e+003	53747.6	22764.2
741	3	-1.058e+004	7.842e+003	1.468e+003	-9.868e+002	1.357e+003	1.201e+003	41351.1	17513.1
741	4	-1.058e+004	7.842e+003	1.468e+003	-9.868e+002	1.357e+003	1.201e+003	41351.1	17513.1
741	5	-1.058e+004	7.842e+003	1.468e+003	-9.868e+002	1.357e+003	1.201e+003	41351.1	17513.1
742	1	-9.999e+003	1.109e+004	2.614e+003	-8.186e+002	2.568e+003	1.495e+003	54772.6	23104.5
742	2	-1.128e+004	1.242e+004	2.768e+003	-1.049e+003	2.630e+003	1.513e+003	58868.1	22915.7
742	3	-8.677e+003	9.555e+003	2.129e+003	-8.068e+002	2.023e+003	1.164e+003	45283.8	17628.7
742	4	-8.677e+003	9.555e+003	2.129e+003	-8.068e+002	2.023e+003	1.164e+003	45283.8	17628.7
742	5	-8.677e+003	9.555e+003	2.129e+003	-8.068e+002	2.023e+003	1.164e+003	45283.8	17628.7
743	1	-8.786e+003	1.120e+004	3.389e+003	-3.238e+002	3.501e+003	1.482e+003	59111.5	26594.9
743	2	-9.828e+003	1.250e+004	3.650e+003	-5.165e+002	3.575e+003	1.487e+003	62737.5	26065.8
743	3	-7.560e+003	9.617e+003	2.807e+003	-3.973e+002	2.750e+003	1.144e+003	48261.6	20052
743	4	-7.560e+003	9.617e+003	2.807e+003	-3.973e+002	2.750e+003	1.144e+003	48261.6	20052
743	5	-7.560e+003	9.617e+003	2.807e+003	-3.973e+002	2.750e+003	1.144e+003	48261.6	20052
744	1	-8.450e+003	9.803e+003	5.528e+003	8.646e+002	4.591e+003	1.514e+003	63068.3	32463
744	2	-9.322e+003	1.085e+004	5.888e+003	7.248e+002	4.664e+003	1.505e+003	65745.1	31834.7
744	3	-7.171e+003	8.345e+003	4.529e+003	5.575e+002	3.587e+003	1.158e+003	50569.3	24486.5
744	4	-7.171e+003	8.345e+003	4.529e+003	5.575e+002	3.587e+003	1.158e+003	50569.3	24486.5
744	5	-7.171e+003	8.345e+003	4.529e+003	5.575e+002	3.587e+003	1.158e+003	50569.3	24486.5
745	1	-1.658e+004	-1.744e+003	-1.914e+003	-5.054e+002	1.242e+002	2.099e+003	37271.1	38896.1
745	2	-1.895e+004	-2.032e+003	-2.368e+003	-6.077e+002	1.070e+002	2.167e+003	39364.1	41088.5
745	3	-1.458e+004	-1.563e+003	-1.821e+003	-4.675e+002	8.229e+001	1.667e+003	30283.9	31607.6
745	4	-1.458e+004	-1.563e+003	-1.821e+003	-4.675e+002	8.229e+001	1.667e+003	30283.9	31607.6
745	5	-1.458e+004	-1.563e+003	-1.821e+003	-4.675e+002	8.229e+001	1.667e+003	30283.9	31607.6
746	1	-1.675e+004	3.584e+003	-1.004e+003	-1.119e+003	4.858e+002	2.089e+003	45449.6	36134.3
746	2	-1.904e+004	3.968e+003	-1.332e+003	-1.353e+003	4.522e+002	2.150e+003	48961.5	37735.6
746	3	-1.464e+004	3.052e+003	-1.025e+003	-1.041e+003	3.478e+002	1.654e+003	37660.6	29029.2
746	4	-1.464e+004	3.052e+003	-1.025e+003	-1.041e+003	3.478e+002	1.654e+003	37660.6	29029.2
746	5	-1.464e+004	3.052e+003	-1.025e+003	-1.041e+003	3.478e+002	1.654e+003	37660.6	29029.2
747	1	-1.539e+004	8.400e+003	4.842e+002	-1.279e+003	9.690e+002	2.048e+003	51928.2	32565.9
747	2	-1.741e+004	9.364e+003	3.940e+002	-1.559e+003	9.360e+002	2.093e+003	56013.2	33450.5
747	3	-1.339e+004	7.203e+003	3.031e+002	-1.199e+003	7.200e+002	1.610e+003	43083.8	25731.1
747	4	-1.339e+004	7.203e+003	3.031e+002	-1.199e+003	7.200e+002	1.610e+003	43083.8	25731.1
747	5	-1.339e+004	7.203e+003	3.031e+002	-1.199e+003	7.200e+002	1.610e+003	43083.8	25731.1
748	1	-1.335e+004	1.045e+004	1.581e+003	-1.105e+003	1.540e+003	2.011e+003	54993.2	30131.3
748	2	-1.507e+004	1.167e+004	1.677e+003	-1.380e+003	1.517e+003	2.035e+003	58926.2	30232.7
748	3	-1.159e+004	8.977e+003	1.290e+003	-1.061e+003	1.167e+003	1.566e+003	45329.4	23266
748	4	-1.159e+004	8.977e+003	1.290e+003	-1.061e+003	1.167e+003	1.566e+003	45329.4	23266
748	5	-1.159e+004	8.977e+003	1.290e+003	-1.061e+003	1.167e+003	1.566e+003	45329.4	23266
749	1	-1.153e+004	1.021e+004	3.102e+003	-6.510e+002	2.156e+003	1.998e+003	56594.8	28426

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
749	2	-1.295e+004	1.141e+004	3.362e+003	-8.885e+002	2.144e+003	2.000e+003	59858.6	27696.3
749	3	-9.965e+003	8.774e+003	2.586e+003	-6.834e+002	1.649e+003	1.538e+003	46038.3	21298.1
749	4	-9.965e+003	8.774e+003	2.586e+003	-6.834e+002	1.649e+003	1.538e+003	46038.3	21298.1
749	5	-9.965e+003	8.774e+003	2.586e+003	-6.834e+002	1.649e+003	1.538e+003	46038.3	21298.1
750	1	-9.809e+003	5.649e+003	5.884e+003	1.485e+002	2.783e+003	1.953e+003	55689.8	27884.2
750	2	-1.097e+004	6.591e+003	6.290e+003	-3.604e+001	2.781e+003	1.932e+003	57883.7	26546.9
750	3	-8.439e+003	5.070e+003	4.838e+003	-2.772e+001	2.140e+003	1.487e+003	44540.4	20435.8
750	4	-8.439e+003	5.070e+003	4.838e+003	-2.772e+001	2.140e+003	1.487e+003	44540.4	20435.8
750	5	-8.439e+003	5.070e+003	4.838e+003	-2.772e+001	2.140e+003	1.487e+003	44540.4	20435.8
751	1	-1.801e+004	-2.049e+003	-7.256e+002	-5.441e+002	2.882e+001	2.426e+003	44165.2	42361.7
751	2	-2.048e+004	-2.383e+003	-1.015e+003	-6.543e+002	4.696e+000	2.504e+003	46528.3	44454
751	3	-1.575e+004	-1.833e+003	-7.805e+002	-5.033e+002	3.612e+000	1.926e+003	35787.2	34191.5
751	4	-1.575e+004	-1.833e+003	-7.805e+002	-5.033e+002	3.612e+000	1.926e+003	35787.2	34191.5
751	5	-1.575e+004	-1.833e+003	-7.805e+002	-5.033e+002	3.612e+000	1.926e+003	35787.2	34191.5
752	1	-1.826e+004	3.375e+003	-4.615e+002	-1.232e+003	1.779e+002	2.419e+003	50449.3	40813.2
752	2	-2.063e+004	3.657e+003	-6.750e+002	-1.487e+003	1.228e+002	2.487e+003	54058	42360.8
752	3	-1.587e+004	2.813e+003	-5.192e+002	-1.144e+003	9.447e+001	1.913e+003	41583.7	32583.8
752	4	-1.587e+004	2.813e+003	-5.192e+002	-1.144e+003	9.447e+001	1.913e+003	41583.7	32583.8
752	5	-1.587e+004	2.813e+003	-5.192e+002	-1.144e+003	9.447e+001	1.913e+003	41583.7	32583.8
753	1	-1.639e+004	7.996e+003	-8.011e+002	-1.461e+003	4.382e+002	2.380e+003	52954	40442
753	2	-1.853e+004	8.816e+003	-9.382e+002	-1.774e+003	3.728e+002	2.430e+003	57027.2	41591.6
753	3	-1.425e+004	6.781e+003	-7.217e+002	-1.364e+003	2.868e+002	1.870e+003	43868.3	32005.9
753	4	-1.425e+004	6.781e+003	-7.217e+002	-1.364e+003	2.868e+002	1.870e+003	43868.3	32005.9
753	5	-1.425e+004	6.781e+003	-7.217e+002	-1.364e+003	2.868e+002	1.870e+003	43868.3	32005.9
754	1	-1.385e+004	9.557e+003	1.228e+002	-1.346e+003	7.652e+002	2.328e+003	53558.1	37723.8
754	2	-1.568e+004	1.063e+004	1.495e+002	-1.659e+003	7.035e+002	2.357e+003	57401.4	38234.4
754	3	-1.206e+004	8.175e+003	1.150e+002	-1.276e+003	5.412e+002	1.813e+003	44151.2	29409.6
754	4	-1.206e+004	8.175e+003	1.150e+002	-1.276e+003	5.412e+002	1.813e+003	44151.2	29409.6
754	5	-1.206e+004	8.175e+003	1.150e+002	-1.276e+003	5.412e+002	1.813e+003	44151.2	29409.6
755	1	-1.124e+004	8.422e+003	1.797e+003	-9.649e+002	1.105e+003	2.266e+003	52324.8	33746.8
755	2	-1.275e+004	9.484e+003	2.005e+003	-1.243e+003	1.055e+003	2.269e+003	55399.7	33385
755	3	-9.811e+003	7.296e+003	1.542e+003	-9.560e+002	8.114e+002	1.745e+003	42611	25675.2
755	4	-9.811e+003	7.296e+003	1.542e+003	-9.560e+002	8.114e+002	1.745e+003	42611	25675.2
755	5	-9.811e+003	7.296e+003	1.542e+003	-9.560e+002	8.114e+002	1.745e+003	42611	25675.2
756	1	-7.857e+003	4.959e+003	2.985e+003	-3.939e+002	1.415e+003	2.153e+003	47817.2	30646.5
756	2	-9.071e+003	5.809e+003	3.348e+003	-6.184e+002	1.379e+003	2.129e+003	49804.1	29426.3
756	3	-6.977e+003	4.469e+003	2.575e+003	-4.757e+002	1.061e+003	1.638e+003	38315.5	22641.5
756	4	-6.977e+003	4.469e+003	2.575e+003	-4.757e+002	1.061e+003	1.638e+003	38315.5	22641.5
756	5	-6.977e+003	4.469e+003	2.575e+003	-4.757e+002	1.061e+003	1.638e+003	38315.5	22641.5
757	1	-2.578e+004	-2.484e+003	-3.899e+002	-5.636e+002	-1.291e+001	2.643e+003	51722.1	47723.5
757	2	-2.878e+004	-2.877e+003	-5.989e+002	-6.809e+002	-3.814e+001	2.725e+003	54775.9	50023.3
757	3	-2.214e+004	-2.213e+003	-4.607e+002	-5.238e+002	-2.934e+001	2.096e+003	42134.4	38477.8
757	4	-2.214e+004	-2.213e+003	-4.607e+002	-5.238e+002	-2.934e+001	2.096e+003	42134.4	38477.8
757	5	-2.214e+004	-2.213e+003	-4.607e+002	-5.238e+002	-2.934e+001	2.096e+003	42134.4	38477.8
758	1	-1.952e+004	5.148e+003	-2.870e+003	-1.303e+003	3.431e+001	2.635e+003	51387.8	48915.6
758	2	-2.198e+004	5.467e+003	-3.165e+003	-1.577e+003	-2.410e+001	2.708e+003	55256.6	50703.9
758	3	-1.690e+004	4.205e+003	-2.434e+003	-1.213e+003	-1.854e+001	2.083e+003	42498.8	38999.3
758	4	-1.690e+004	4.205e+003	-2.434e+003	-1.213e+003	-1.854e+001	2.083e+003	42498.8	38999.3
758	5	-1.690e+004	4.205e+003	-2.434e+003	-1.213e+003	-1.854e+001	2.083e+003	42498.8	38999.3
759	1	-1.512e+004	7.785e+003	-3.026e+003	-1.598e+003	1.655e+002	2.573e+003	51082.4	47442.2
759	2	-1.715e+004	8.502e+003	-3.248e+003	-1.937e+003	9.725e+001	2.628e+003	55138.9	48823.9
759	3	-1.319e+004	6.540e+003	-2.498e+003	-1.490e+003	7.481e+001	2.021e+003	42407.5	37547.3
759	4	-1.319e+004	6.540e+003	-2.498e+003	-1.490e+003	7.481e+001	2.021e+003	42407.5	37547.3
759	5	-1.319e+004	6.540e+003	-2.498e+003	-1.490e+003	7.481e+001	2.021e+003	42407.5	37547.3
760	1	-1.182e+004	8.460e+003	-1.865e+003	-1.557e+003	3.160e+002	2.480e+003	50020.3	43760.2
760	2	-1.350e+004	9.375e+003	-1.921e+003	-1.900e+003	2.519e+002	2.511e+003	53739.6	44524.4
760	3	-1.039e+004	7.211e+003	-1.478e+003	-1.462e+003	1.938e+002	1.931e+003	41338.3	34241.3
760	4	-1.039e+004	7.211e+003	-1.478e+003	-1.462e+003	1.938e+002	1.931e+003	41338.3	34241.3
760	5	-1.039e+004	7.211e+003	-1.478e+003	-1.462e+003	1.938e+002	1.931e+003	41338.3	34241.3
761	1	-8.866e+003	7.238e+003	-3.415e+002	-1.270e+003	4.449e+002	2.353e+003	47049.3	38919.4
761	2	-1.023e+004	8.144e+003	-1.990e+002	-1.581e+003	3.923e+002	2.357e+003	50020.6	38882.4
761	3	-7.871e+003	6.265e+003	-1.531e+002	-1.216e+003	3.018e+002	1.813e+003	38476.9	29908.2
761	4	-7.871e+003	6.265e+003	-1.531e+002	-1.216e+003	3.018e+002	1.813e+003	38476.9	29908.2
761	5	-7.871e+003	6.265e+003	-1.531e+002	-1.216e+003	3.018e+002	1.813e+003	38476.9	29908.2
762	1	-2.321e+004	-1.757e+003	-1.072e+004	-6.214e+002	-8.952e+001	2.804e+003	38748.7	66300.6
762	2	-2.634e+004	-2.193e+003	-1.155e+004	-7.400e+002	-1.189e+002	2.891e+003	41640.8	69562.1
762	3	-2.026e+004	-1.687e+003	-8.883e+003	-5.693e+002	-9.144e+001	2.224e+003	32034.2	53508.4

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
762	4	-2.026e+004	-1.687e+003	-8.883e+003	-5.693e+002	-9.144e+001	2.224e+003	32034.2	53508.4
762	5	-2.026e+004	-1.687e+003	-8.883e+003	-5.693e+002	-9.144e+001	2.224e+003	32034.2	53508.4
763	1	-1.714e+004	4.565e+003	-8.044e+003	-1.459e+003	-1.665e+002	2.776e+003	44959	59605.4
763	2	-1.974e+004	4.760e+003	-8.631e+003	-1.741e+003	-2.307e+002	2.854e+003	48851.2	61968.1
763	3	-1.518e+004	3.662e+003	-6.639e+003	-1.339e+003	-1.775e+002	2.195e+003	37568.9	47661
763	4	-1.518e+004	3.662e+003	-6.639e+003	-1.339e+003	-1.775e+002	2.195e+003	37568.9	47661
763	5	-1.518e+004	3.662e+003	-6.639e+003	-1.339e+003	-1.775e+002	2.195e+003	37568.9	47661
764	1	-1.296e+004	6.321e+003	-6.071e+003	-1.796e+003	-1.681e+002	2.668e+003	46131.8	54270.9
764	2	-1.514e+004	6.844e+003	-6.449e+003	-2.150e+003	-2.446e+002	2.728e+003	50245.2	56030.6
764	3	-1.165e+004	5.264e+003	-4.961e+003	-1.654e+003	-1.882e+002	2.098e+003	38648.4	43093.4
764	4	-1.165e+004	5.264e+003	-4.961e+003	-1.654e+003	-1.882e+002	2.098e+003	38648.4	43093.4
764	5	-1.165e+004	5.264e+003	-4.961e+003	-1.654e+003	-1.882e+002	2.098e+003	38648.4	43093.4
765	1	-9.856e+003	6.340e+003	-4.078e+003	-1.806e+003	-1.491e+002	2.514e+003	44878	48458.4
765	2	-1.168e+004	7.005e+003	-4.229e+003	-2.170e+003	-2.230e+002	2.549e+003	48657.2	49519.5
765	3	-8.981e+003	5.388e+003	-3.253e+003	-1.669e+003	-1.715e+002	1.961e+003	37427.2	38095.5
765	4	-8.981e+003	5.388e+003	-3.253e+003	-1.669e+003	-1.715e+002	1.961e+003	37427.2	38095.5
765	5	-8.981e+003	5.388e+003	-3.253e+003	-1.669e+003	-1.715e+002	1.961e+003	37427.2	38095.5
766	1	-7.442e+003	5.115e+003	-2.078e+003	-1.595e+003	-1.412e+002	2.323e+003	42013.2	41914.9
766	2	-8.949e+003	5.765e+003	-1.985e+003	-1.929e+003	-2.036e+002	2.330e+003	45089.1	42138.7
766	3	-6.884e+003	4.435e+003	-1.527e+003	-1.484e+003	-1.566e+002	1.792e+003	34681.3	32409.8
766	4	-6.884e+003	4.435e+003	-1.527e+003	-1.484e+003	-1.566e+002	1.792e+003	34681.3	32409.8
766	5	-6.884e+003	4.435e+003	-1.527e+003	-1.484e+003	-1.566e+002	1.792e+003	34681.3	32409.8
767	1	-5.468e+003	3.239e+003	-5.635e+002	-1.246e+003	-1.538e+002	2.110e+003	37896.1	35681.3
767	2	-6.695e+003	3.761e+003	-2.487e+002	-1.526e+003	-1.995e+002	2.089e+003	40074.2	35026.2
767	3	-5.150e+003	2.893e+003	-1.913e+002	-1.174e+003	-1.535e+002	1.607e+003	30828	26944.6
767	4	-5.150e+003	2.893e+003	-1.913e+002	-1.174e+003	-1.535e+002	1.607e+003	30828	26944.6
767	5	-5.150e+003	2.893e+003	-1.913e+002	-1.174e+003	-1.535e+002	1.607e+003	30828	26944.6
768	1	-1.031e+004	-7.069e+002	-1.025e+004	-6.870e+002	-1.714e+002	2.891e+003	33155.1	64846.2
768	2	-1.316e+004	-1.163e+003	-1.097e+004	-8.129e+002	-2.018e+002	2.982e+003	35260.4	67683.1
768	3	-1.012e+004	-8.947e+002	-8.438e+003	-6.253e+002	-1.552e+002	2.294e+003	27124.4	52065.4
768	4	-1.012e+004	-8.947e+002	-8.438e+003	-6.253e+002	-1.552e+002	2.294e+003	27124.4	52065.4
768	5	-1.012e+004	-8.947e+002	-8.438e+003	-6.253e+002	-1.552e+002	2.294e+003	27124.4	52065.4
769	1	-1.085e+004	2.464e+003	-1.035e+004	-1.640e+003	-3.829e+002	2.825e+003	37953.3	64031.6
769	2	-1.361e+004	2.465e+003	-1.102e+004	-1.943e+003	-4.532e+002	2.907e+003	41830.9	66557.2
769	3	-1.047e+004	1.896e+003	-8.479e+003	-1.494e+003	-3.486e+002	2.236e+003	32169.8	51198.8
769	4	-1.047e+004	1.896e+003	-8.479e+003	-1.494e+003	-3.486e+002	2.236e+003	32169.8	51198.8
769	5	-1.047e+004	1.896e+003	-8.479e+003	-1.494e+003	-3.486e+002	2.236e+003	32169.8	51198.8
770	1	-9.335e+003	4.298e+003	-8.148e+003	-2.094e+003	-5.059e+002	2.680e+003	41121.9	58446
770	2	-1.187e+004	4.613e+003	-8.624e+003	-2.480e+003	-5.942e+002	2.743e+003	45574.9	60456.2
770	3	-9.130e+003	3.548e+003	-6.634e+003	-1.908e+003	-4.570e+002	2.110e+003	35059.1	46505.3
770	4	-9.130e+003	3.548e+003	-6.634e+003	-1.908e+003	-4.570e+002	2.110e+003	35059.1	46505.3
770	5	-9.130e+003	3.548e+003	-6.634e+003	-1.908e+003	-4.570e+002	2.110e+003	35059.1	46505.3
771	1	-7.874e+003	4.132e+003	-5.506e+003	-2.184e+003	-5.714e+002	2.481e+003	41424.5	51103.8
771	2	-1.012e+004	4.553e+003	-5.740e+003	-2.588e+003	-6.609e+002	2.520e+003	45694.5	52444.7
771	3	-7.787e+003	3.503e+003	-4.415e+003	-1.991e+003	-5.084e+002	1.938e+003	35148.5	40334.2
771	4	-7.787e+003	3.503e+003	-4.415e+003	-1.991e+003	-5.084e+002	1.938e+003	35148.5	40334.2
771	5	-7.787e+003	3.503e+003	-4.415e+003	-1.991e+003	-5.084e+002	1.938e+003	35148.5	40334.2
772	1	-6.560e+003	3.312e+003	-3.138e+003	-2.020e+003	-6.084e+002	2.247e+003	39484.9	43362.9
772	2	-8.513e+003	3.721e+003	-3.112e+003	-2.397e+003	-6.871e+002	2.258e+003	43142.9	43874.1
772	3	-6.549e+003	2.862e+003	-2.394e+003	-1.843e+003	-5.285e+002	1.737e+003	33182.5	33749
772	4	-6.549e+003	2.862e+003	-2.394e+003	-1.843e+003	-5.285e+002	1.737e+003	33182.5	33749
772	5	-6.549e+003	2.862e+003	-2.394e+003	-1.843e+003	-5.285e+002	1.737e+003	33182.5	33749
773	1	-5.356e+003	2.164e+003	-1.319e+003	-1.688e+003	-6.371e+002	2.001e+003	35985.7	36056.2
773	2	-7.006e+003	2.489e+003	-1.058e+003	-2.010e+003	-6.962e+002	1.984e+003	38772.4	35693.2
773	3	-5.389e+003	1.915e+003	-8.135e+002	-1.546e+003	-5.356e+002	1.526e+003	29822.4	27453.2
773	4	-5.389e+003	1.915e+003	-8.135e+002	-1.546e+003	-5.356e+002	1.526e+003	29822.4	27453.2
773	5	-5.389e+003	1.915e+003	-8.135e+002	-1.546e+003	-5.356e+002	1.526e+003	29822.4	27453.2
774	1	-2.011e+003	8.813e+002	-8.812e+003	-7.467e+002	-1.153e+002	2.921e+003	33380.3	62844.9
774	2	-4.886e+003	4.580e+002	-9.307e+003	-8.787e+002	-1.404e+002	3.021e+003	35304.4	65239.8
774	3	-3.758e+003	3.523e+002	-7.159e+003	-6.759e+002	-1.080e+002	2.324e+003	27159.7	50186.6
774	4	-3.758e+003	3.523e+002	-7.159e+003	-6.759e+002	-1.080e+002	2.324e+003	27159.7	50186.6
774	5	-3.758e+003	3.523e+002	-7.159e+003	-6.759e+002	-1.080e+002	2.324e+003	27159.7	50186.6
775	1	-2.149e+003	1.907e+003	-9.293e+003	-1.806e+003	-3.710e+002	2.826e+003	34987.8	63324.4
775	2	-4.995e+003	1.867e+003	-9.814e+003	-2.125e+003	-4.309e+002	2.914e+003	38609.4	65620.5
775	3	-3.842e+003	1.436e+003	-7.549e+003	-1.635e+003	-3.315e+002	2.241e+003	29694.9	50469.1
775	4	-3.842e+003	1.436e+003	-7.549e+003	-1.635e+003	-3.315e+002	2.241e+003	29694.9	50469.1
775	5	-3.842e+003	1.436e+003	-7.549e+003	-1.635e+003	-3.315e+002	2.241e+003	29694.9	50469.1

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
776	1	-3.753e+003	1.801e+003	-7.404e+003	-2.354e+003	-5.241e+002	2.656e+003	38915.4	58208.4
776	2	-6.488e+003	1.936e+003	-7.846e+003	-2.768e+003	-5.996e+002	2.724e+003	43419.2	60267.5
776	3	-4.991e+003	1.489e+003	-6.036e+003	-2.129e+003	-4.612e+002	2.095e+003	33392.9	46354.1
776	4	-4.991e+003	1.489e+003	-6.036e+003	-2.129e+003	-4.612e+002	2.095e+003	33392.9	46354.1
776	5	-4.991e+003	1.489e+003	-6.036e+003	-2.129e+003	-4.612e+002	2.095e+003	33392.9	46354.1
777	1	-4.784e+003	1.845e+003	-5.037e+003	-2.511e+003	-6.067e+002	2.429e+003	40642.1	50865.2
777	2	-7.353e+003	2.032e+003	-5.278e+003	-2.949e+003	-6.835e+002	2.470e+003	45275.6	52319.4
777	3	-5.656e+003	1.563e+003	-4.060e+003	-2.268e+003	-5.258e+002	1.900e+003	34824	40244.4
777	4	-5.656e+003	1.563e+003	-4.060e+003	-2.268e+003	-5.258e+002	1.900e+003	34824	40244.4
777	5	-5.656e+003	1.563e+003	-4.060e+003	-2.268e+003	-5.258e+002	1.900e+003	34824	40244.4
778	1	-5.175e+003	1.447e+003	-2.909e+003	-2.383e+003	-6.504e+002	2.165e+003	39468.8	42867.3
778	2	-7.515e+003	1.628e+003	-2.929e+003	-2.795e+003	-7.181e+002	2.178e+003	43686.8	43569
778	3	-5.781e+003	1.252e+003	-2.253e+003	-2.150e+003	-5.524e+002	1.676e+003	33612.3	33523.7
778	4	-5.781e+003	1.252e+003	-2.253e+003	-2.150e+003	-5.524e+002	1.676e+003	33612.3	33523.7
778	5	-5.781e+003	1.252e+003	-2.253e+003	-2.150e+003	-5.524e+002	1.676e+003	33612.3	33523.7
779	1	-5.045e+003	9.295e+002	-1.250e+003	-2.054e+003	-6.789e+002	1.889e+003	36065.8	35069.6
779	2	-7.092e+003	1.070e+003	-1.071e+003	-2.408e+003	-7.295e+002	1.876e+003	39505	34989.1
779	3	-5.456e+003	8.228e+002	-8.235e+002	-1.852e+003	-5.612e+002	1.443e+003	30386.3	26911.9
779	4	-5.456e+003	8.228e+002	-8.235e+002	-1.852e+003	-5.612e+002	1.443e+003	30386.3	26911.9
779	5	-5.456e+003	8.228e+002	-8.235e+002	-1.852e+003	-5.612e+002	1.443e+003	30386.3	26911.9
780	1	1.329e+004	2.391e+003	-6.624e+003	-7.903e+002	-5.854e+001	3.016e+003	37860.8	63482.8
780	2	1.057e+004	2.089e+003	-6.756e+003	-9.276e+002	-7.488e+001	3.141e+003	39337.8	65246.8
780	3	8.128e+003	1.607e+003	-5.197e+003	-7.135e+002	-5.760e+001	2.416e+003	30257.2	50186.7
780	4	8.128e+003	1.607e+003	-5.197e+003	-7.135e+002	-5.760e+001	2.416e+003	30257.2	50186.7
780	5	8.128e+003	1.607e+003	-5.197e+003	-7.135e+002	-5.760e+001	2.416e+003	30257.2	50186.7
781	1	6.207e+003	3.579e+002	-4.425e+003	-1.958e+003	-1.868e+002	2.876e+003	40699.3	59258.1
781	2	3.371e+003	3.740e+002	-4.695e+003	-2.296e+003	-2.172e+002	2.979e+003	43834.8	61305.9
781	3	2.593e+003	2.877e+002	-3.612e+003	-1.766e+003	-1.671e+002	2.292e+003	33724.6	47165.4
781	4	2.593e+003	2.877e+002	-3.612e+003	-1.766e+003	-1.671e+002	2.292e+003	33724.6	47165.4
781	5	2.593e+003	2.877e+002	-3.612e+003	-1.766e+003	-1.671e+002	2.292e+003	33724.6	47165.4
782	1	8.074e+002	4.186e+002	-3.246e+003	-2.583e+003	-2.581e+002	2.666e+003	43863.4	54365.8
782	2	-2.162e+003	4.418e+002	-3.458e+003	-3.022e+003	-2.940e+002	2.741e+003	48459.5	56226.2
782	3	-1.663e+003	3.398e+002	-2.660e+003	-2.325e+003	-2.261e+002	2.109e+003	37285.7	43260.5
782	4	-1.663e+003	3.398e+002	-2.660e+003	-2.325e+003	-2.261e+002	2.109e+003	37285.7	43260.5
782	5	-1.663e+003	3.398e+002	-2.660e+003	-2.325e+003	-2.261e+002	2.109e+003	37285.7	43260.5
783	1	-2.934e+003	3.282e+002	-2.197e+003	-2.793e+003	-2.928e+002	2.397e+003	44906.1	48002.4
783	2	-5.927e+003	3.666e+002	-2.315e+003	-3.259e+003	-3.281e+002	2.440e+003	50074.4	49367.3
783	3	-4.559e+003	2.820e+002	-1.781e+003	-2.507e+003	-2.524e+002	1.877e+003	38519.7	37976.7
783	4	-4.559e+003	2.820e+002	-1.781e+003	-2.507e+003	-2.524e+002	1.877e+003	38519.7	37976.7
783	5	-4.559e+003	2.820e+002	-1.781e+003	-2.507e+003	-2.524e+002	1.877e+003	38519.7	37976.7
784	1	-5.006e+003	2.731e+002	-1.234e+003	-2.693e+003	-3.083e+002	2.096e+003	43131.8	40793.3
784	2	-7.863e+003	3.090e+002	-1.250e+003	-3.133e+003	-3.389e+002	2.107e+003	48114.1	41511.4
784	3	-6.048e+003	2.377e+002	-9.616e+002	-2.410e+003	-2.607e+002	1.621e+003	37012.9	31935.4
784	4	-6.048e+003	2.377e+002	-9.616e+002	-2.410e+003	-2.607e+002	1.621e+003	37012.9	31935.4
784	5	-6.048e+003	2.377e+002	-9.616e+002	-2.410e+003	-2.607e+002	1.621e+003	37012.9	31935.4
785	1	-1.342e+003	-2.127e+004	-9.392e+003	-8.291e+001	-6.190e+002	2.797e+003	39112.7	63528.4
785	2	-1.745e+003	-2.424e+004	-1.012e+004	-1.117e+002	-7.375e+002	2.881e+003	41798.8	66515.8
785	3	-1.343e+003	-1.865e+004	-7.782e+003	-8.595e+001	-5.673e+002	2.216e+003	32156.7	51160.2
785	4	-1.343e+003	-1.865e+004	-7.782e+003	-8.595e+001	-5.673e+002	2.216e+003	32156.7	51160.2
785	5	-1.343e+003	-1.865e+004	-7.782e+003	-8.595e+001	-5.673e+002	2.216e+003	32156.7	51160.2
786	1	-1.004e+003	-1.879e+004	-7.892e+002	2.975e+002	-4.305e+002	1.603e+003	34252	30441.3
786	2	-1.220e+003	-2.151e+004	-1.191e+003	2.992e+002	-5.227e+002	1.648e+003	36767.3	32496.1
786	3	-9.388e+002	-1.654e+004	-9.165e+002	2.302e+002	-4.021e+002	1.268e+003	28281.1	24999
786	4	-9.388e+002	-1.654e+004	-9.165e+002	2.302e+002	-4.021e+002	1.268e+003	28281.1	24999
786	5	-9.388e+002	-1.654e+004	-9.165e+002	2.302e+002	-4.021e+002	1.268e+003	28281.1	24999
787	1	4.864e+001	-8.543e+003	4.803e+003	-4.270e+001	-5.392e+002	-1.360e+002	14750.9	11169.6
787	2	-1.358e+002	-1.084e+004	4.865e+003	-6.409e+001	-6.484e+002	-1.693e+002	17508.7	12247.1
787	3	-1.045e+002	-8.341e+003	3.742e+003	-4.930e+001	-4.987e+002	-1.302e+002	13470	9421.22
787	4	-1.045e+002	-8.341e+003	3.742e+003	-4.930e+001	-4.987e+002	-1.302e+002	13470	9421.22
787	5	-1.045e+002	-8.341e+003	3.742e+003	-4.930e+001	-4.987e+002	-1.302e+002	13470	9421.22
788	1	-3.417e+002	-8.334e+003	5.284e+003	-1.682e+002	-6.784e+002	-2.331e+002	14839.4	13237.5
788	2	-6.598e+002	-1.082e+004	5.571e+003	-1.998e+002	-8.105e+002	-2.837e+002	18011.9	14798.4
788	3	-5.075e+002	-8.320e+003	4.285e+003	-1.537e+002	-6.234e+002	-2.182e+002	13851.8	11381.6
788	4	-5.075e+002	-8.320e+003	4.285e+003	-1.537e+002	-6.234e+002	-2.182e+002	13851.8	11381.6
788	5	-5.075e+002	-8.320e+003	4.285e+003	-1.537e+002	-6.234e+002	-2.182e+002	13851.8	11381.6
789	1	-3.299e+002	-9.113e+003	-6.472e+003	-8.903e+001	-5.884e+002	2.486e+002	15804.7	15731
789	2	-5.681e+002	-1.153e+004	-7.001e+003	-1.095e+002	-7.032e+002	2.942e+002	18869.9	17679.8

“ RELAZIONE DI CALCOLO ”

Elem.	c.c.	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf
789	3	-4.370e+002	-8.872e+003	-5.385e+003	-8.420e+001	-5.409e+002	2.263e+002	14517.6	13599.9
789	4	-4.370e+002	-8.872e+003	-5.385e+003	-8.420e+001	-5.409e+002	2.263e+002	14517.6	13599.9
789	5	-4.370e+002	-8.872e+003	-5.385e+003	-8.420e+001	-5.409e+002	2.263e+002	14517.6	13599.9
790	1	-6.068e+003	1.042e+004	4.828e+003	3.567e+001	4.564e+003	6.803e+002	59545.7	29809.8
790	2	-6.939e+003	1.152e+004	5.064e+003	-1.118e+002	4.630e+003	6.895e+002	62594.6	29486.9
790	3	-5.337e+003	8.858e+003	3.895e+003	-8.596e+001	3.562e+003	5.304e+002	48149.7	22690.1
790	4	-5.337e+003	8.858e+003	3.895e+003	-8.596e+001	3.562e+003	5.304e+002	48149.7	22690.1
790	5	-5.337e+003	8.858e+003	3.895e+003	-8.596e+001	3.562e+003	5.304e+002	48149.7	22690.1
791	1	-6.207e+003	4.782e+003	7.647e+002	-8.458e+002	5.328e+002	2.184e+003	42273.1	34188.7
791	2	-7.296e+003	5.516e+003	1.090e+003	-1.104e+003	4.945e+002	2.161e+003	44282.9	33313.8
791	3	-5.612e+003	4.243e+003	8.388e+002	-8.493e+002	3.804e+002	1.663e+003	34073.8	25636.7
791	4	-5.612e+003	4.243e+003	8.388e+002	-8.493e+002	3.804e+002	1.663e+003	34073.8	25636.7
791	5	-5.612e+003	4.243e+003	8.388e+002	-8.493e+002	3.804e+002	1.663e+003	34073.8	25636.7
792	1	-5.665e+003	1.561e+002	-4.649e+002	-2.368e+003	-3.161e+002	1.784e+003	38720.6	33437
792	2	-8.231e+003	1.824e+002	-3.911e+002	-2.748e+003	-3.387e+002	1.769e+003	43005.1	33530
792	3	-6.331e+003	1.403e+002	-3.008e+002	-2.113e+003	-2.605e+002	1.361e+003	33077.1	25792.1
792	4	-6.331e+003	1.403e+002	-3.008e+002	-2.113e+003	-2.605e+002	1.361e+003	33077.1	25792.1
792	5	-6.331e+003	1.403e+002	-3.008e+002	-2.113e+003	-2.605e+002	1.361e+003	33077.1	25792.1

MASSIME TENSIONI/MOMENTI /ELEMENTI E COMB.CARICO CORRISPONDENTI

	Sxx	Syy	Sxy	Mxx	Myy	Mxy	Sig.id.sup	Sig.id.inf.
Max. neg.	-2.88e+004	-2.67e+004	-1.16e+004	-3.26e+003	-3.25e+003	-1.97e+003	+0.00e+000	+0.00e+000
Elem/c.c.	757/ 2	644/ 2	762/ 2	783/ 2	609/ 2	15/ 1	0/ 0	0/ 0
Max. pos.	+2.27e+004	+1.48e+004	+9.85e+003	+6.82e+003	+4.66e+003	+3.14e+003	+7.48e+004	+7.30e+004
Elem/c.c.	14/ 2	733/ 2	9/ 2	285/ 2	744/ 2	780/ 2	14/ 2	285/ 1

REAZIONI VINCOLARI STATICA

FORZE MOMENTI PER GRUPPI VINCOLO

GRUPPO NUMERO: 1 - DESCRIZIONE: CERNIERA SFERICA

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
1	1	+2.437e+003	-1.434e+003	+3.863e+003	-0.000e+000	-0.000e+000	-0.000e+000
1	2	+2.685e+003	-1.737e+003	+4.937e+003	-0.000e+000	-0.000e+000	-0.000e+000
1	3	+2.065e+003	-1.336e+003	+3.798e+003	-0.000e+000	-0.000e+000	-0.000e+000
1	4	+2.065e+003	-1.336e+003	+3.798e+003	-0.000e+000	-0.000e+000	-0.000e+000
1	5	+2.065e+003	-1.336e+003	+3.798e+003	-0.000e+000	-0.000e+000	-0.000e+000
2	1	+7.116e+002	-1.970e+003	+4.069e+003	-0.000e+000	-0.000e+000	-0.000e+000
2	2	+7.358e+002	-2.357e+003	+5.145e+003	-0.000e+000	-0.000e+000	-0.000e+000
2	3	+5.660e+002	-1.813e+003	+3.958e+003	-0.000e+000	-0.000e+000	-0.000e+000
2	4	+5.660e+002	-1.813e+003	+3.958e+003	-0.000e+000	-0.000e+000	-0.000e+000
2	5	+5.660e+002	-1.813e+003	+3.958e+003	-0.000e+000	-0.000e+000	-0.000e+000
3	1	-8.210e+000	-1.966e+003	+4.208e+003	-0.000e+000	-0.000e+000	-0.000e+000
3	2	-8.873e+000	-2.355e+003	+5.271e+003	-0.000e+000	-0.000e+000	-0.000e+000
3	3	-6.826e+000	-1.811e+003	+4.054e+003	-0.000e+000	-0.000e+000	-0.000e+000
3	4	-6.826e+000	-1.811e+003	+4.054e+003	-0.000e+000	-0.000e+000	-0.000e+000
3	5	-6.826e+000	-1.811e+003	+4.054e+003	-0.000e+000	-0.000e+000	-0.000e+000
4	1	-7.385e+002	-1.970e+003	+4.060e+003	-0.000e+000	-0.000e+000	-0.000e+000
4	2	-7.650e+002	-2.357e+003	+5.135e+003	-0.000e+000	-0.000e+000	-0.000e+000
4	3	-5.885e+002	-1.813e+003	+3.950e+003	-0.000e+000	-0.000e+000	-0.000e+000
4	4	-5.885e+002	-1.813e+003	+3.950e+003	-0.000e+000	-0.000e+000	-0.000e+000
4	5	-5.885e+002	-1.813e+003	+3.950e+003	-0.000e+000	-0.000e+000	-0.000e+000
5	1	-2.570e+003	-1.392e+003	+3.752e+003	-0.000e+000	-0.000e+000	-0.000e+000
5	2	-2.829e+003	-1.692e+003	+4.817e+003	-0.000e+000	-0.000e+000	-0.000e+000
5	3	-2.176e+003	-1.302e+003	+3.706e+003	-0.000e+000	-0.000e+000	-0.000e+000
5	4	-2.176e+003	-1.302e+003	+3.706e+003	-0.000e+000	-0.000e+000	-0.000e+000
5	5	-2.176e+003	-1.302e+003	+3.706e+003	-0.000e+000	-0.000e+000	-0.000e+000
6	1	+6.673e+003	-2.169e+003	-4.404e+003	-0.000e+000	-0.000e+000	-0.000e+000

“ RELAZIONE DI CALCOLO ”

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
6	2	+7.073e+003	-2.144e+003	-3.879e+003	-0.000e+000	-0.000e+000	-0.000e+000
6	3	+5.441e+003	-1.649e+003	-2.984e+003	-0.000e+000	-0.000e+000	-0.000e+000
6	4	+5.441e+003	-1.649e+003	-2.984e+003	-0.000e+000	-0.000e+000	-0.000e+000
6	5	+5.441e+003	-1.649e+003	-2.984e+003	-0.000e+000	-0.000e+000	-0.000e+000
9	1	+7.653e+002	-3.857e+003	+1.201e+004	-0.000e+000	-0.000e+000	-0.000e+000
9	2	+1.024e+003	-4.171e+003	+1.335e+004	-0.000e+000	-0.000e+000	-0.000e+000
9	3	+7.873e+002	-3.209e+003	+1.027e+004	-0.000e+000	-0.000e+000	-0.000e+000
9	4	+7.873e+002	-3.209e+003	+1.027e+004	-0.000e+000	-0.000e+000	-0.000e+000
9	5	+7.873e+002	-3.209e+003	+1.027e+004	-0.000e+000	-0.000e+000	-0.000e+000
10	1	-8.264e+002	-3.301e+003	+1.121e+004	-0.000e+000	-0.000e+000	-0.000e+000
10	2	-1.090e+003	-3.570e+003	+1.248e+004	-0.000e+000	-0.000e+000	-0.000e+000
10	3	-8.382e+002	-2.746e+003	+9.601e+003	-0.000e+000	-0.000e+000	-0.000e+000
10	4	-8.382e+002	-2.746e+003	+9.601e+003	-0.000e+000	-0.000e+000	-0.000e+000
10	5	-8.382e+002	-2.746e+003	+9.601e+003	-0.000e+000	-0.000e+000	-0.000e+000
13	1	+2.263e+003	-3.891e+002	+4.267e+003	-0.000e+000	-0.000e+000	-0.000e+000
13	2	+2.481e+003	-5.989e+002	+5.335e+003	-0.000e+000	-0.000e+000	-0.000e+000
13	3	+1.908e+003	-4.607e+002	+4.104e+003	-0.000e+000	-0.000e+000	-0.000e+000
13	4	+1.908e+003	-4.607e+002	+4.104e+003	-0.000e+000	-0.000e+000	-0.000e+000
13	5	+1.908e+003	-4.607e+002	+4.104e+003	-0.000e+000	-0.000e+000	-0.000e+000
53	1	+6.110e+002	-1.968e+003	+4.102e+003	-0.000e+000	-0.000e+000	-0.000e+000
53	2	+6.276e+002	-2.356e+003	+5.177e+003	-0.000e+000	-0.000e+000	-0.000e+000
53	3	+4.828e+002	-1.812e+003	+3.983e+003	-0.000e+000	-0.000e+000	-0.000e+000
53	4	+4.828e+002	-1.812e+003	+3.983e+003	-0.000e+000	-0.000e+000	-0.000e+000
53	5	+4.828e+002	-1.812e+003	+3.983e+003	-0.000e+000	-0.000e+000	-0.000e+000
59	1	-6.613e+001	-1.967e+003	+4.207e+003	-0.000e+000	-0.000e+000	-0.000e+000
59	2	-6.704e+001	-2.356e+003	+5.269e+003	-0.000e+000	-0.000e+000	-0.000e+000
59	3	-5.156e+001	-1.812e+003	+4.053e+003	-0.000e+000	-0.000e+000	-0.000e+000
59	4	-5.156e+001	-1.812e+003	+4.053e+003	-0.000e+000	-0.000e+000	-0.000e+000
59	5	-5.156e+001	-1.812e+003	+4.053e+003	-0.000e+000	-0.000e+000	-0.000e+000
64	1	-0.000e+000	-1.112e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
64	2	-0.000e+000	-1.108e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
64	3	-0.000e+000	-8.525e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
64	4	-0.000e+000	-8.525e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
64	5	-0.000e+000	-8.525e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
65	1	-8.550e+002	-1.971e+003	+4.017e+003	-0.000e+000	-0.000e+000	-0.000e+000
65	2	-8.920e+002	-2.357e+003	+5.091e+003	-0.000e+000	-0.000e+000	-0.000e+000
65	3	-6.862e+002	-1.813e+003	+3.916e+003	-0.000e+000	-0.000e+000	-0.000e+000
65	4	-6.862e+002	-1.813e+003	+3.916e+003	-0.000e+000	-0.000e+000	-0.000e+000
65	5	-6.862e+002	-1.813e+003	+3.916e+003	-0.000e+000	-0.000e+000	-0.000e+000
71	1	-2.577e+003	-1.489e+002	+3.803e+003	-0.000e+000	-0.000e+000	-0.000e+000
71	2	-2.820e+003	-3.394e+002	+4.833e+003	-0.000e+000	-0.000e+000	-0.000e+000
71	3	-2.170e+003	-2.610e+002	+3.718e+003	-0.000e+000	-0.000e+000	-0.000e+000
71	4	-2.170e+003	-2.610e+002	+3.718e+003	-0.000e+000	-0.000e+000	-0.000e+000
71	5	-2.170e+003	-2.610e+002	+3.718e+003	-0.000e+000	-0.000e+000	-0.000e+000
72	1	-1.308e+002	-4.370e+002	+8.901e+003	-0.000e+000	-0.000e+000	-0.000e+000
72	2	-3.126e+002	-5.731e+002	+1.018e+004	-0.000e+000	-0.000e+000	-0.000e+000
72	3	-2.404e+002	-4.408e+002	+7.832e+003	-0.000e+000	-0.000e+000	-0.000e+000
72	4	-2.404e+002	-4.408e+002	+7.832e+003	-0.000e+000	-0.000e+000	-0.000e+000
72	5	-2.404e+002	-4.408e+002	+7.832e+003	-0.000e+000	-0.000e+000	-0.000e+000
76	1	-0.000e+000	-7.465e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
76	2	-0.000e+000	-7.603e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
76	3	-0.000e+000	-5.849e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
76	4	-0.000e+000	-5.849e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
76	5	-0.000e+000	-5.849e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
77	1	-1.362e+002	-9.124e+002	+9.660e+003	-0.000e+000	-0.000e+000	-0.000e+000
77	2	+2.400e+001	-1.087e+003	+1.100e+004	-0.000e+000	-0.000e+000	-0.000e+000
77	3	+1.846e+001	-8.360e+002	+8.463e+003	-0.000e+000	-0.000e+000	-0.000e+000
77	4	+1.846e+001	-8.360e+002	+8.463e+003	-0.000e+000	-0.000e+000	-0.000e+000
77	5	+1.846e+001	-8.360e+002	+8.463e+003	-0.000e+000	-0.000e+000	-0.000e+000
78	1	-6.634e+003	-1.992e+003	-4.357e+003	-0.000e+000	-0.000e+000	-0.000e+000

“ RELAZIONE DI CALCOLO ”

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
78	2	-7.031e+003	-1.952e+003	-3.828e+003	-0.000e+000	-0.000e+000	-0.000e+000
78	3	-5.408e+003	-1.502e+003	-2.945e+003	-0.000e+000	-0.000e+000	-0.000e+000
78	4	-5.408e+003	-1.502e+003	-2.945e+003	-0.000e+000	-0.000e+000	-0.000e+000
78	5	-5.408e+003	-1.502e+003	-2.945e+003	-0.000e+000	-0.000e+000	-0.000e+000
82	1	-0.000e+000	+6.753e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
82	2	-0.000e+000	+6.584e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
82	3	-0.000e+000	+5.065e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
82	4	-0.000e+000	+5.065e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
82	5	-0.000e+000	+5.065e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
85	1	-0.000e+000	-2.960e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
85	2	-0.000e+000	-2.984e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
85	3	-0.000e+000	-2.296e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
85	4	-0.000e+000	-2.296e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
85	5	-0.000e+000	-2.296e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
95	1	+2.501e+003	-1.807e+003	+3.319e+003	-0.000e+000	-0.000e+000	-0.000e+000
95	2	+2.767e+003	-2.146e+003	+4.272e+003	-0.000e+000	-0.000e+000	-0.000e+000
95	3	+2.128e+003	-1.651e+003	+3.286e+003	-0.000e+000	-0.000e+000	-0.000e+000
95	4	+2.128e+003	-1.651e+003	+3.286e+003	-0.000e+000	-0.000e+000	-0.000e+000
95	5	+2.128e+003	-1.651e+003	+3.286e+003	-0.000e+000	-0.000e+000	-0.000e+000
100	1	-0.000e+000	-7.604e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
100	2	-0.000e+000	-7.753e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
100	3	-0.000e+000	-5.964e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
100	4	-0.000e+000	-5.964e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
100	5	-0.000e+000	-5.964e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
103	1	-0.000e+000	+6.509e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
103	2	-0.000e+000	+6.321e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
103	3	-0.000e+000	+4.862e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
103	4	-0.000e+000	+4.862e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
103	5	-0.000e+000	+4.862e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
112	1	-0.000e+000	-3.111e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
112	2	-0.000e+000	-3.148e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
112	3	-0.000e+000	-2.421e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
112	4	-0.000e+000	-2.421e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
112	5	-0.000e+000	-2.421e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
113	1	-1.983e+003	-2.387e+003	-2.454e+003	-0.000e+000	-0.000e+000	-0.000e+000
113	2	-2.290e+003	-2.483e+003	-1.407e+003	-0.000e+000	-0.000e+000	-0.000e+000
113	3	-1.762e+003	-1.910e+003	-1.082e+003	-0.000e+000	-0.000e+000	-0.000e+000
113	4	-1.762e+003	-1.910e+003	-1.082e+003	-0.000e+000	-0.000e+000	-0.000e+000
113	5	-1.762e+003	-1.910e+003	-1.082e+003	-0.000e+000	-0.000e+000	-0.000e+000
115	1	-1.542e+003	-3.042e+003	+1.634e+003	-0.000e+000	-0.000e+000	-0.000e+000
115	2	-1.843e+003	-3.256e+003	+2.704e+003	-0.000e+000	-0.000e+000	-0.000e+000
115	3	-1.417e+003	-2.504e+003	+2.080e+003	-0.000e+000	-0.000e+000	-0.000e+000
115	4	-1.417e+003	-2.504e+003	+2.080e+003	-0.000e+000	-0.000e+000	-0.000e+000
115	5	-1.417e+003	-2.504e+003	+2.080e+003	-0.000e+000	-0.000e+000	-0.000e+000
120	1	-1.376e+003	-3.352e+003	+5.510e+003	-0.000e+000	-0.000e+000	-0.000e+000
120	2	-1.671e+003	-3.628e+003	+6.618e+003	-0.000e+000	-0.000e+000	-0.000e+000
120	3	-1.286e+003	-2.791e+003	+5.091e+003	-0.000e+000	-0.000e+000	-0.000e+000
120	4	-1.286e+003	-2.791e+003	+5.091e+003	-0.000e+000	-0.000e+000	-0.000e+000
120	5	-1.286e+003	-2.791e+003	+5.091e+003	-0.000e+000	-0.000e+000	-0.000e+000
161	1	+2.953e+002	-1.967e+003	+4.180e+003	-0.000e+000	-0.000e+000	-0.000e+000
161	2	+2.977e+002	-2.355e+003	+5.248e+003	-0.000e+000	-0.000e+000	-0.000e+000
161	3	+2.290e+002	-1.812e+003	+4.037e+003	-0.000e+000	-0.000e+000	-0.000e+000
161	4	+2.290e+002	-1.812e+003	+4.037e+003	-0.000e+000	-0.000e+000	-0.000e+000
161	5	+2.290e+002	-1.812e+003	+4.037e+003	-0.000e+000	-0.000e+000	-0.000e+000
162	1	+2.301e+002	-1.966e+003	+4.191e+003	-0.000e+000	-0.000e+000	-0.000e+000
162	2	+2.313e+002	-2.354e+003	+5.257e+003	-0.000e+000	-0.000e+000	-0.000e+000
162	3	+1.779e+002	-1.811e+003	+4.044e+003	-0.000e+000	-0.000e+000	-0.000e+000
162	4	+1.779e+002	-1.811e+003	+4.044e+003	-0.000e+000	-0.000e+000	-0.000e+000
162	5	+1.779e+002	-1.811e+003	+4.044e+003	-0.000e+000	-0.000e+000	-0.000e+000
173	1	+5.210e+002	-1.967e+003	+4.128e+003	-0.000e+000	-0.000e+000	-0.000e+000

“ RELAZIONE DI CALCOLO ”

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
173	2	+5.320e+002	-2.354e+003	+5.202e+003	-0.000e+000	-0.000e+000	-0.000e+000
173	3	+4.093e+002	-1.811e+003	+4.002e+003	-0.000e+000	-0.000e+000	-0.000e+000
173	4	+4.093e+002	-1.811e+003	+4.002e+003	-0.000e+000	-0.000e+000	-0.000e+000
173	5	+4.093e+002	-1.811e+003	+4.002e+003	-0.000e+000	-0.000e+000	-0.000e+000
174	1	+4.395e+002	-1.967e+003	+4.149e+003	-0.000e+000	-0.000e+000	-0.000e+000
174	2	+4.465e+002	-2.355e+003	+5.221e+003	-0.000e+000	-0.000e+000	-0.000e+000
174	3	+3.435e+002	-1.812e+003	+4.017e+003	-0.000e+000	-0.000e+000	-0.000e+000
174	4	+3.435e+002	-1.812e+003	+4.017e+003	-0.000e+000	-0.000e+000	-0.000e+000
174	5	+3.435e+002	-1.812e+003	+4.017e+003	-0.000e+000	-0.000e+000	-0.000e+000
183	1	-0.000e+000	-1.112e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
183	2	-0.000e+000	-1.108e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
183	3	-0.000e+000	-8.526e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
183	4	-0.000e+000	-8.526e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
183	5	-0.000e+000	-8.526e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
190	1	-0.000e+000	-1.112e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
190	2	-0.000e+000	-1.109e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
190	3	-0.000e+000	-8.527e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
190	4	-0.000e+000	-8.527e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
190	5	-0.000e+000	-8.527e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
191	1	-3.140e+002	-1.967e+003	+4.176e+003	-0.000e+000	-0.000e+000	-0.000e+000
191	2	-3.179e+002	-2.355e+003	+5.244e+003	-0.000e+000	-0.000e+000	-0.000e+000
191	3	-2.445e+002	-1.812e+003	+4.034e+003	-0.000e+000	-0.000e+000	-0.000e+000
191	4	-2.445e+002	-1.812e+003	+4.034e+003	-0.000e+000	-0.000e+000	-0.000e+000
191	5	-2.445e+002	-1.812e+003	+4.034e+003	-0.000e+000	-0.000e+000	-0.000e+000
192	1	-3.844e+002	-1.968e+003	+4.162e+003	-0.000e+000	-0.000e+000	-0.000e+000
192	2	-3.903e+002	-2.356e+003	+5.231e+003	-0.000e+000	-0.000e+000	-0.000e+000
192	3	-3.002e+002	-1.813e+003	+4.024e+003	-0.000e+000	-0.000e+000	-0.000e+000
192	4	-3.002e+002	-1.813e+003	+4.024e+003	-0.000e+000	-0.000e+000	-0.000e+000
192	5	-3.002e+002	-1.813e+003	+4.024e+003	-0.000e+000	-0.000e+000	-0.000e+000
203	1	-1.249e+002	-1.968e+003	+4.203e+003	-0.000e+000	-0.000e+000	-0.000e+000
203	2	-1.261e+002	-2.357e+003	+5.266e+003	-0.000e+000	-0.000e+000	-0.000e+000
203	3	-9.700e+001	-1.813e+003	+4.051e+003	-0.000e+000	-0.000e+000	-0.000e+000
203	4	-9.700e+001	-1.813e+003	+4.051e+003	-0.000e+000	-0.000e+000	-0.000e+000
203	5	-9.700e+001	-1.813e+003	+4.051e+003	-0.000e+000	-0.000e+000	-0.000e+000
204	1	-1.852e+002	-1.967e+003	+4.196e+003	-0.000e+000	-0.000e+000	-0.000e+000
204	2	-1.869e+002	-2.356e+003	+5.261e+003	-0.000e+000	-0.000e+000	-0.000e+000
204	3	-1.438e+002	-1.812e+003	+4.047e+003	-0.000e+000	-0.000e+000	-0.000e+000
204	4	-1.438e+002	-1.812e+003	+4.047e+003	-0.000e+000	-0.000e+000	-0.000e+000
204	5	-1.438e+002	-1.812e+003	+4.047e+003	-0.000e+000	-0.000e+000	-0.000e+000
221	1	-1.525e+003	-1.977e+003	+3.701e+003	-0.000e+000	-0.000e+000	-0.000e+000
221	2	-1.646e+003	-2.354e+003	+4.730e+003	-0.000e+000	-0.000e+000	-0.000e+000
221	3	-1.266e+003	-1.811e+003	+3.639e+003	-0.000e+000	-0.000e+000	-0.000e+000
221	4	-1.266e+003	-1.811e+003	+3.639e+003	-0.000e+000	-0.000e+000	-0.000e+000
221	5	-1.266e+003	-1.811e+003	+3.639e+003	-0.000e+000	-0.000e+000	-0.000e+000
222	1	-1.764e+003	-1.969e+003	+3.563e+003	-0.000e+000	-0.000e+000	-0.000e+000
222	2	-1.921e+003	-2.340e+003	+4.566e+003	-0.000e+000	-0.000e+000	-0.000e+000
222	3	-1.477e+003	-1.800e+003	+3.512e+003	-0.000e+000	-0.000e+000	-0.000e+000
222	4	-1.477e+003	-1.800e+003	+3.512e+003	-0.000e+000	-0.000e+000	-0.000e+000
222	5	-1.477e+003	-1.800e+003	+3.512e+003	-0.000e+000	-0.000e+000	-0.000e+000
233	1	-9.879e+002	-1.972e+003	+3.964e+003	-0.000e+000	-0.000e+000	-0.000e+000
233	2	-1.039e+003	-2.357e+003	+5.034e+003	-0.000e+000	-0.000e+000	-0.000e+000
233	3	-7.993e+002	-1.813e+003	+3.872e+003	-0.000e+000	-0.000e+000	-0.000e+000
233	4	-7.993e+002	-1.813e+003	+3.872e+003	-0.000e+000	-0.000e+000	-0.000e+000
233	5	-7.993e+002	-1.813e+003	+3.872e+003	-0.000e+000	-0.000e+000	-0.000e+000
234	1	-1.141e+003	-1.976e+003	+3.896e+003	-0.000e+000	-0.000e+000	-0.000e+000
234	2	-1.210e+003	-2.359e+003	+4.958e+003	-0.000e+000	-0.000e+000	-0.000e+000
234	3	-9.311e+002	-1.815e+003	+3.814e+003	-0.000e+000	-0.000e+000	-0.000e+000
234	4	-9.311e+002	-1.815e+003	+3.814e+003	-0.000e+000	-0.000e+000	-0.000e+000
234	5	-9.311e+002	-1.815e+003	+3.814e+003	-0.000e+000	-0.000e+000	-0.000e+000
243	1	-0.000e+000	-1.087e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000

“ RELAZIONE DI CALCOLO ”

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
243	2	-0.000e+000	-1.087e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
243	3	-0.000e+000	-8.362e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
243	4	-0.000e+000	-8.362e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
243	5	-0.000e+000	-8.362e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
250	1	-0.000e+000	-1.122e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
250	2	-0.000e+000	-1.119e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
250	3	-0.000e+000	-8.608e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
250	4	-0.000e+000	-8.608e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
250	5	-0.000e+000	-8.608e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
277	1	-8.997e+002	-2.936e+002	+6.738e+003	-0.000e+000	-0.000e+000	-0.000e+000
277	2	-1.119e+003	-4.459e+002	+7.645e+003	-0.000e+000	-0.000e+000	-0.000e+000
277	3	-8.607e+002	-3.430e+002	+5.881e+003	-0.000e+000	-0.000e+000	-0.000e+000
277	4	-8.607e+002	-3.430e+002	+5.881e+003	-0.000e+000	-0.000e+000	-0.000e+000
277	5	-8.607e+002	-3.430e+002	+5.881e+003	-0.000e+000	-0.000e+000	-0.000e+000
279	1	-5.421e+002	-2.618e+002	+5.244e+003	-0.000e+000	-0.000e+000	-0.000e+000
279	2	-7.230e+002	-4.340e+002	+6.044e+003	-0.000e+000	-0.000e+000	-0.000e+000
279	3	-5.561e+002	-3.339e+002	+4.649e+003	-0.000e+000	-0.000e+000	-0.000e+000
279	4	-5.561e+002	-3.339e+002	+4.649e+003	-0.000e+000	-0.000e+000	-0.000e+000
279	5	-5.561e+002	-3.339e+002	+4.649e+003	-0.000e+000	-0.000e+000	-0.000e+000
281	1	-1.199e+002	-2.777e+002	+5.688e+003	-0.000e+000	-0.000e+000	-0.000e+000
281	2	-2.546e+002	-4.616e+002	+6.553e+003	-0.000e+000	-0.000e+000	-0.000e+000
281	3	-1.959e+002	-3.551e+002	+5.041e+003	-0.000e+000	-0.000e+000	-0.000e+000
281	4	-1.959e+002	-3.551e+002	+5.041e+003	-0.000e+000	-0.000e+000	-0.000e+000
281	5	-1.959e+002	-3.551e+002	+5.041e+003	-0.000e+000	-0.000e+000	-0.000e+000
318	1	-2.355e+003	+1.233e+003	+4.969e+003	-0.000e+000	-0.000e+000	-0.000e+000
318	2	-2.636e+003	+1.159e+003	+5.866e+003	-0.000e+000	-0.000e+000	-0.000e+000
318	3	-2.028e+003	+8.914e+002	+4.512e+003	-0.000e+000	-0.000e+000	-0.000e+000
318	4	-2.028e+003	+8.914e+002	+4.512e+003	-0.000e+000	-0.000e+000	-0.000e+000
318	5	-2.028e+003	+8.914e+002	+4.512e+003	-0.000e+000	-0.000e+000	-0.000e+000
320	1	-2.480e+003	+6.734e+002	+3.319e+003	-0.000e+000	-0.000e+000	-0.000e+000
320	2	-2.737e+003	+5.306e+002	+4.098e+003	-0.000e+000	-0.000e+000	-0.000e+000
320	3	-2.106e+003	+4.082e+002	+3.152e+003	-0.000e+000	-0.000e+000	-0.000e+000
320	4	-2.106e+003	+4.082e+002	+3.152e+003	-0.000e+000	-0.000e+000	-0.000e+000
320	5	-2.106e+003	+4.082e+002	+3.152e+003	-0.000e+000	-0.000e+000	-0.000e+000
322	1	-2.350e+003	+2.214e+002	+3.053e+003	-0.000e+000	-0.000e+000	-0.000e+000
322	2	-2.557e+003	+2.914e+001	+3.886e+003	-0.000e+000	-0.000e+000	-0.000e+000
322	3	-1.967e+003	+2.242e+001	+2.989e+003	-0.000e+000	-0.000e+000	-0.000e+000
322	4	-1.967e+003	+2.242e+001	+2.989e+003	-0.000e+000	-0.000e+000	-0.000e+000
322	5	-1.967e+003	+2.242e+001	+2.989e+003	-0.000e+000	-0.000e+000	-0.000e+000
335	1	+1.475e+003	-1.978e+003	+3.724e+003	-0.000e+000	-0.000e+000	-0.000e+000
335	2	+1.592e+003	-2.355e+003	+4.755e+003	-0.000e+000	-0.000e+000	-0.000e+000
335	3	+1.225e+003	-1.811e+003	+3.658e+003	-0.000e+000	-0.000e+000	-0.000e+000
335	4	+1.225e+003	-1.811e+003	+3.658e+003	-0.000e+000	-0.000e+000	-0.000e+000
335	5	+1.225e+003	-1.811e+003	+3.658e+003	-0.000e+000	-0.000e+000	-0.000e+000
336	1	+1.275e+003	-1.980e+003	+3.829e+003	-0.000e+000	-0.000e+000	-0.000e+000
336	2	+1.364e+003	-2.360e+003	+4.879e+003	-0.000e+000	-0.000e+000	-0.000e+000
336	3	+1.050e+003	-1.815e+003	+3.753e+003	-0.000e+000	-0.000e+000	-0.000e+000
336	4	+1.050e+003	-1.815e+003	+3.753e+003	-0.000e+000	-0.000e+000	-0.000e+000
336	5	+1.050e+003	-1.815e+003	+3.753e+003	-0.000e+000	-0.000e+000	-0.000e+000
347	1	+2.257e+003	-1.913e+003	+3.277e+003	-0.000e+000	-0.000e+000	-0.000e+000
347	2	+2.491e+003	-2.266e+003	+4.216e+003	-0.000e+000	-0.000e+000	-0.000e+000
347	3	+1.917e+003	-1.743e+003	+3.243e+003	-0.000e+000	-0.000e+000	-0.000e+000
347	4	+1.917e+003	-1.743e+003	+3.243e+003	-0.000e+000	-0.000e+000	-0.000e+000
347	5	+1.917e+003	-1.743e+003	+3.243e+003	-0.000e+000	-0.000e+000	-0.000e+000
348	1	+1.968e+003	-1.951e+003	+3.437e+003	-0.000e+000	-0.000e+000	-0.000e+000
348	2	+2.159e+003	-2.315e+003	+4.409e+003	-0.000e+000	-0.000e+000	-0.000e+000
348	3	+1.661e+003	-1.781e+003	+3.391e+003	-0.000e+000	-0.000e+000	-0.000e+000
348	4	+1.661e+003	-1.781e+003	+3.391e+003	-0.000e+000	-0.000e+000	-0.000e+000
348	5	+1.661e+003	-1.781e+003	+3.391e+003	-0.000e+000	-0.000e+000	-0.000e+000
377	1	-2.571e+003	-6.500e+002	+2.388e+003	-0.000e+000	-0.000e+000	-0.000e+000

“ RELAZIONE DI CALCOLO ”

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
377	2	-2.809e+003	-8.469e+002	+3.139e+003	-0.000e+000	-0.000e+000	-0.000e+000
377	3	-2.161e+003	-6.515e+002	+2.415e+003	-0.000e+000	-0.000e+000	-0.000e+000
377	4	-2.161e+003	-6.515e+002	+2.415e+003	-0.000e+000	-0.000e+000	-0.000e+000
377	5	-2.161e+003	-6.515e+002	+2.415e+003	-0.000e+000	-0.000e+000	-0.000e+000
379	1	-2.418e+003	-9.285e+002	+2.103e+003	-0.000e+000	-0.000e+000	-0.000e+000
379	2	-2.628e+003	-1.156e+003	+2.812e+003	-0.000e+000	-0.000e+000	-0.000e+000
379	3	-2.022e+003	-8.895e+002	+2.163e+003	-0.000e+000	-0.000e+000	-0.000e+000
379	4	-2.022e+003	-8.895e+002	+2.163e+003	-0.000e+000	-0.000e+000	-0.000e+000
379	5	-2.022e+003	-8.895e+002	+2.163e+003	-0.000e+000	-0.000e+000	-0.000e+000
381	1	-2.251e+003	-1.057e+003	+2.432e+003	-0.000e+000	-0.000e+000	-0.000e+000
381	2	-2.438e+003	-1.308e+003	+3.217e+003	-0.000e+000	-0.000e+000	-0.000e+000
381	3	-1.875e+003	-1.007e+003	+2.475e+003	-0.000e+000	-0.000e+000	-0.000e+000
381	4	-1.875e+003	-1.007e+003	+2.475e+003	-0.000e+000	-0.000e+000	-0.000e+000
381	5	-1.875e+003	-1.007e+003	+2.475e+003	-0.000e+000	-0.000e+000	-0.000e+000
395	1	+2.097e+003	-1.113e+003	+2.557e+003	-0.000e+000	-0.000e+000	-0.000e+000
395	2	+2.271e+003	-1.369e+003	+3.352e+003	-0.000e+000	-0.000e+000	-0.000e+000
395	3	+1.747e+003	-1.053e+003	+2.579e+003	-0.000e+000	-0.000e+000	-0.000e+000
395	4	+1.747e+003	-1.053e+003	+2.579e+003	-0.000e+000	-0.000e+000	-0.000e+000
395	5	+1.747e+003	-1.053e+003	+2.579e+003	-0.000e+000	-0.000e+000	-0.000e+000
397	1	+2.227e+003	-9.968e+002	+2.276e+003	-0.000e+000	-0.000e+000	-0.000e+000
397	2	+2.422e+003	-1.230e+003	+2.998e+003	-0.000e+000	-0.000e+000	-0.000e+000
397	3	+1.863e+003	-9.462e+002	+2.306e+003	-0.000e+000	-0.000e+000	-0.000e+000
397	4	+1.863e+003	-9.462e+002	+2.306e+003	-0.000e+000	-0.000e+000	-0.000e+000
397	5	+1.863e+003	-9.462e+002	+2.306e+003	-0.000e+000	-0.000e+000	-0.000e+000
399	1	+2.334e+003	-7.603e+002	+2.650e+003	-0.000e+000	-0.000e+000	-0.000e+000
399	2	+2.553e+003	-9.661e+002	+3.422e+003	-0.000e+000	-0.000e+000	-0.000e+000
399	3	+1.964e+003	-7.432e+002	+2.632e+003	-0.000e+000	-0.000e+000	-0.000e+000
399	4	+1.964e+003	-7.432e+002	+2.632e+003	-0.000e+000	-0.000e+000	-0.000e+000
399	5	+1.964e+003	-7.432e+002	+2.632e+003	-0.000e+000	-0.000e+000	-0.000e+000
412	1	+1.973e+003	-7.439e+001	+3.645e+003	-0.000e+000	-0.000e+000	-0.000e+000
412	2	+2.150e+003	-2.906e+002	+4.525e+003	-0.000e+000	-0.000e+000	-0.000e+000
412	3	+1.654e+003	-2.235e+002	+3.481e+003	-0.000e+000	-0.000e+000	-0.000e+000
412	4	+1.654e+003	-2.235e+002	+3.481e+003	-0.000e+000	-0.000e+000	-0.000e+000
412	5	+1.654e+003	-2.235e+002	+3.481e+003	-0.000e+000	-0.000e+000	-0.000e+000
418	1	+2.076e+003	+3.858e+002	+3.968e+003	-0.000e+000	-0.000e+000	-0.000e+000
418	2	+2.301e+003	+2.198e+002	+4.800e+003	-0.000e+000	-0.000e+000	-0.000e+000
418	3	+1.770e+003	+1.691e+002	+3.692e+003	-0.000e+000	-0.000e+000	-0.000e+000
418	4	+1.770e+003	+1.691e+002	+3.692e+003	-0.000e+000	-0.000e+000	-0.000e+000
418	5	+1.770e+003	+1.691e+002	+3.692e+003	-0.000e+000	-0.000e+000	-0.000e+000
430	1	+1.961e+003	+9.172e+002	+5.672e+003	-0.000e+000	-0.000e+000	-0.000e+000
430	2	+2.211e+003	+8.173e+002	+6.626e+003	-0.000e+000	-0.000e+000	-0.000e+000
430	3	+1.700e+003	+6.287e+002	+5.097e+003	-0.000e+000	-0.000e+000	-0.000e+000
430	4	+1.700e+003	+6.287e+002	+5.097e+003	-0.000e+000	-0.000e+000	-0.000e+000
430	5	+1.700e+003	+6.287e+002	+5.097e+003	-0.000e+000	-0.000e+000	-0.000e+000
441	1	-4.725e+001	-7.688e+002	+6.378e+003	-0.000e+000	-0.000e+000	-0.000e+000
441	2	+7.393e+001	-9.924e+002	+7.299e+003	-0.000e+000	-0.000e+000	-0.000e+000
441	3	+5.687e+001	-7.634e+002	+5.615e+003	-0.000e+000	-0.000e+000	-0.000e+000
441	4	+5.687e+001	-7.634e+002	+5.615e+003	-0.000e+000	-0.000e+000	-0.000e+000
441	5	+5.687e+001	-7.634e+002	+5.615e+003	-0.000e+000	-0.000e+000	-0.000e+000
537	1	+1.680e+002	-1.967e+003	+4.199e+003	-0.000e+000	-0.000e+000	-0.000e+000
537	2	+1.684e+002	-2.356e+003	+5.263e+003	-0.000e+000	-0.000e+000	-0.000e+000
537	3	+1.295e+002	-1.812e+003	+4.049e+003	-0.000e+000	-0.000e+000	-0.000e+000
537	4	+1.295e+002	-1.812e+003	+4.049e+003	-0.000e+000	-0.000e+000	-0.000e+000
537	5	+1.295e+002	-1.812e+003	+4.049e+003	-0.000e+000	-0.000e+000	-0.000e+000
538	1	+1.081e+002	-1.968e+003	+4.204e+003	-0.000e+000	-0.000e+000	-0.000e+000
538	2	+1.080e+002	-2.357e+003	+5.268e+003	-0.000e+000	-0.000e+000	-0.000e+000
538	3	+8.307e+001	-1.813e+003	+4.052e+003	-0.000e+000	-0.000e+000	-0.000e+000
538	4	+8.307e+001	-1.813e+003	+4.052e+003	-0.000e+000	-0.000e+000	-0.000e+000
538	5	+8.307e+001	-1.813e+003	+4.052e+003	-0.000e+000	-0.000e+000	-0.000e+000
561	1	+3.647e+002	-1.968e+003	+4.166e+003	-0.000e+000	-0.000e+000	-0.000e+000

“ RELAZIONE DI CALCOLO ”

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
561	2	+3.690e+002	-2.357e+003	+5.236e+003	-0.000e+000	-0.000e+000	-0.000e+000
561	3	+2.839e+002	-1.813e+003	+4.028e+003	-0.000e+000	-0.000e+000	-0.000e+000
561	4	+2.839e+002	-1.813e+003	+4.028e+003	-0.000e+000	-0.000e+000	-0.000e+000
561	5	+2.839e+002	-1.813e+003	+4.028e+003	-0.000e+000	-0.000e+000	-0.000e+000
573	1	-4.605e+002	-1.967e+003	+4.143e+003	-0.000e+000	-0.000e+000	-0.000e+000
573	2	-4.692e+002	-2.355e+003	+5.215e+003	-0.000e+000	-0.000e+000	-0.000e+000
573	3	-3.609e+002	-1.812e+003	+4.012e+003	-0.000e+000	-0.000e+000	-0.000e+000
573	4	-3.609e+002	-1.812e+003	+4.012e+003	-0.000e+000	-0.000e+000	-0.000e+000
573	5	-3.609e+002	-1.812e+003	+4.012e+003	-0.000e+000	-0.000e+000	-0.000e+000
574	1	-5.436e+002	-1.967e+003	+4.121e+003	-0.000e+000	-0.000e+000	-0.000e+000
574	2	-5.565e+002	-2.354e+003	+5.195e+003	-0.000e+000	-0.000e+000	-0.000e+000
574	3	-4.280e+002	-1.811e+003	+3.996e+003	-0.000e+000	-0.000e+000	-0.000e+000
574	4	-4.280e+002	-1.811e+003	+3.996e+003	-0.000e+000	-0.000e+000	-0.000e+000
574	5	-4.280e+002	-1.811e+003	+3.996e+003	-0.000e+000	-0.000e+000	-0.000e+000
597	1	-2.479e+002	-1.966e+003	+4.188e+003	-0.000e+000	-0.000e+000	-0.000e+000
597	2	-2.505e+002	-2.354e+003	+5.254e+003	-0.000e+000	-0.000e+000	-0.000e+000
597	3	-1.927e+002	-1.811e+003	+4.041e+003	-0.000e+000	-0.000e+000	-0.000e+000
597	4	-1.927e+002	-1.811e+003	+4.041e+003	-0.000e+000	-0.000e+000	-0.000e+000
597	5	-1.927e+002	-1.811e+003	+4.041e+003	-0.000e+000	-0.000e+000	-0.000e+000
603	1	-0.000e+000	-1.112e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
603	2	-0.000e+000	-1.109e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
603	3	-0.000e+000	-8.528e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
603	4	-0.000e+000	-8.528e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
603	5	-0.000e+000	-8.528e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
608	1	-0.000e+000	-1.112e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
608	2	-0.000e+000	-1.108e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
608	3	-0.000e+000	-8.526e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
608	4	-0.000e+000	-8.526e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
608	5	-0.000e+000	-8.526e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
609	1	-2.037e+003	-1.949e+003	+3.401e+003	-0.000e+000	-0.000e+000	-0.000e+000
609	2	-2.234e+003	-2.313e+003	+4.369e+003	-0.000e+000	-0.000e+000	-0.000e+000
609	3	-1.718e+003	-1.779e+003	+3.361e+003	-0.000e+000	-0.000e+000	-0.000e+000
609	4	-1.718e+003	-1.779e+003	+3.361e+003	-0.000e+000	-0.000e+000	-0.000e+000
609	5	-1.718e+003	-1.779e+003	+3.361e+003	-0.000e+000	-0.000e+000	-0.000e+000
610	1	-2.340e+003	-1.907e+003	+3.228e+003	-0.000e+000	-0.000e+000	-0.000e+000
610	2	-2.581e+003	-2.260e+003	+4.163e+003	-0.000e+000	-0.000e+000	-0.000e+000
610	3	-1.985e+003	-1.739e+003	+3.202e+003	-0.000e+000	-0.000e+000	-0.000e+000
610	4	-1.985e+003	-1.739e+003	+3.202e+003	-0.000e+000	-0.000e+000	-0.000e+000
610	5	-1.985e+003	-1.739e+003	+3.202e+003	-0.000e+000	-0.000e+000	-0.000e+000
633	1	-1.318e+003	-1.979e+003	+3.810e+003	-0.000e+000	-0.000e+000	-0.000e+000
633	2	-1.411e+003	-2.360e+003	+4.859e+003	-0.000e+000	-0.000e+000	-0.000e+000
633	3	-1.085e+003	-1.815e+003	+3.738e+003	-0.000e+000	-0.000e+000	-0.000e+000
633	4	-1.085e+003	-1.815e+003	+3.738e+003	-0.000e+000	-0.000e+000	-0.000e+000
633	5	-1.085e+003	-1.815e+003	+3.738e+003	-0.000e+000	-0.000e+000	-0.000e+000
650	1	+3.750e+002	-7.539e+002	+5.943e+003	-0.000e+000	-0.000e+000	-0.000e+000
650	2	+5.424e+002	-9.659e+002	+6.799e+003	-0.000e+000	-0.000e+000	-0.000e+000
650	3	+4.172e+002	-7.430e+002	+5.230e+003	-0.000e+000	-0.000e+000	-0.000e+000
650	4	+4.172e+002	-7.430e+002	+5.230e+003	-0.000e+000	-0.000e+000	-0.000e+000
650	5	+4.172e+002	-7.430e+002	+5.230e+003	-0.000e+000	-0.000e+000	-0.000e+000
657	1	+7.505e+002	-7.858e+002	+7.462e+003	-0.000e+000	-0.000e+000	-0.000e+000
657	2	+9.576e+002	-9.779e+002	+8.427e+003	-0.000e+000	-0.000e+000	-0.000e+000
657	3	+7.366e+002	-7.522e+002	+6.483e+003	-0.000e+000	-0.000e+000	-0.000e+000
657	4	+7.366e+002	-7.522e+002	+6.483e+003	-0.000e+000	-0.000e+000	-0.000e+000
657	5	+7.366e+002	-7.522e+002	+6.483e+003	-0.000e+000	-0.000e+000	-0.000e+000
668	1	+1.362e+003	-3.909e+003	+6.289e+003	-0.000e+000	-0.000e+000	-0.000e+000
668	2	+1.656e+003	-4.230e+003	+7.460e+003	-0.000e+000	-0.000e+000	-0.000e+000
668	3	+1.274e+003	-3.254e+003	+5.738e+003	-0.000e+000	-0.000e+000	-0.000e+000
668	4	+1.274e+003	-3.254e+003	+5.738e+003	-0.000e+000	-0.000e+000	-0.000e+000
668	5	+1.274e+003	-3.254e+003	+5.738e+003	-0.000e+000	-0.000e+000	-0.000e+000
671	1	+1.103e+003	-1.976e+003	+3.911e+003	-0.000e+000	-0.000e+000	-0.000e+000

“ RELAZIONE DI CALCOLO ”

Nodo	c.c.	FX	FY	FZ	MX	MY	MZ
671	2	+1.170e+003	-2.359e+003	+4.975e+003	-0.000e+000	-0.000e+000	-0.000e+000
671	3	+8.996e+002	-1.815e+003	+3.827e+003	-0.000e+000	-0.000e+000	-0.000e+000
671	4	+8.996e+002	-1.815e+003	+3.827e+003	-0.000e+000	-0.000e+000	-0.000e+000
671	5	+8.996e+002	-1.815e+003	+3.827e+003	-0.000e+000	-0.000e+000	-0.000e+000
672	1	+9.544e+002	-1.972e+003	+3.977e+003	-0.000e+000	-0.000e+000	-0.000e+000
672	2	+1.003e+003	-2.357e+003	+5.048e+003	-0.000e+000	-0.000e+000	-0.000e+000
672	3	+7.714e+002	-1.813e+003	+3.883e+003	-0.000e+000	-0.000e+000	-0.000e+000
672	4	+7.714e+002	-1.813e+003	+3.883e+003	-0.000e+000	-0.000e+000	-0.000e+000
672	5	+7.714e+002	-1.813e+003	+3.883e+003	-0.000e+000	-0.000e+000	-0.000e+000
695	1	+1.706e+003	-1.970e+003	+3.592e+003	-0.000e+000	-0.000e+000	-0.000e+000
695	2	+1.858e+003	-2.342e+003	+4.596e+003	-0.000e+000	-0.000e+000	-0.000e+000
695	3	+1.429e+003	-1.801e+003	+3.536e+003	-0.000e+000	-0.000e+000	-0.000e+000
695	4	+1.429e+003	-1.801e+003	+3.536e+003	-0.000e+000	-0.000e+000	-0.000e+000
695	5	+1.429e+003	-1.801e+003	+3.536e+003	-0.000e+000	-0.000e+000	-0.000e+000
701	1	-0.000e+000	-1.122e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
701	2	-0.000e+000	-1.119e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
701	3	-0.000e+000	-8.604e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
701	4	-0.000e+000	-8.604e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
701	5	-0.000e+000	-8.604e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
706	1	-0.000e+000	-1.087e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
706	2	-0.000e+000	-1.088e+004	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
706	3	-0.000e+000	-8.366e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
706	4	-0.000e+000	-8.366e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
706	5	-0.000e+000	-8.366e+003	-0.000e+000	-0.000e+000	-0.000e+000	-0.000e+000
710	1	+1.524e+003	-3.548e+003	+2.329e+003	-0.000e+000	-0.000e+000	-0.000e+000
710	2	+1.824e+003	-3.802e+003	+3.455e+003	-0.000e+000	-0.000e+000	-0.000e+000
710	3	+1.403e+003	-2.925e+003	+2.658e+003	-0.000e+000	-0.000e+000	-0.000e+000
710	4	+1.403e+003	-2.925e+003	+2.658e+003	-0.000e+000	-0.000e+000	-0.000e+000
710	5	+1.403e+003	-2.925e+003	+2.658e+003	-0.000e+000	-0.000e+000	-0.000e+000
716	1	+1.971e+003	-2.775e+003	-2.002e+003	-0.000e+000	-0.000e+000	-0.000e+000
716	2	+2.277e+003	-2.901e+003	-9.179e+002	-0.000e+000	-0.000e+000	-0.000e+000
716	3	+1.752e+003	-2.232e+003	-7.061e+002	-0.000e+000	-0.000e+000	-0.000e+000
716	4	+1.752e+003	-2.232e+003	-7.061e+002	-0.000e+000	-0.000e+000	-0.000e+000
716	5	+1.752e+003	-2.232e+003	-7.061e+002	-0.000e+000	-0.000e+000	-0.000e+000
813	1	+4.963e+001	-1.967e+003	+4.207e+003	-0.000e+000	-0.000e+000	-0.000e+000
813	2	+4.920e+001	-2.356e+003	+5.270e+003	-0.000e+000	-0.000e+000	-0.000e+000
813	3	+3.785e+001	-1.812e+003	+4.054e+003	-0.000e+000	-0.000e+000	-0.000e+000
813	4	+3.785e+001	-1.812e+003	+4.054e+003	-0.000e+000	-0.000e+000	-0.000e+000
813	5	+3.785e+001	-1.812e+003	+4.054e+003	-0.000e+000	-0.000e+000	-0.000e+000
824	1	-6.356e+002	-1.968e+003	+4.094e+003	-0.000e+000	-0.000e+000	-0.000e+000
824	2	-6.542e+002	-2.356e+003	+5.169e+003	-0.000e+000	-0.000e+000	-0.000e+000
824	3	-5.032e+002	-1.812e+003	+3.976e+003	-0.000e+000	-0.000e+000	-0.000e+000
824	4	-5.032e+002	-1.812e+003	+3.976e+003	-0.000e+000	-0.000e+000	-0.000e+000
824	5	-5.032e+002	-1.812e+003	+3.976e+003	-0.000e+000	-0.000e+000	-0.000e+000
835	1	-2.604e+003	-1.792e+003	+3.247e+003	-0.000e+000	-0.000e+000	-0.000e+000
835	2	-2.877e+003	-2.129e+003	+4.195e+003	-0.000e+000	-0.000e+000	-0.000e+000
835	3	-2.213e+003	-1.638e+003	+3.227e+003	-0.000e+000	-0.000e+000	-0.000e+000
835	4	-2.213e+003	-1.638e+003	+3.227e+003	-0.000e+000	-0.000e+000	-0.000e+000
835	5	-2.213e+003	-1.638e+003	+3.227e+003	-0.000e+000	-0.000e+000	-0.000e+000
846	1	+8.250e+002	-1.971e+003	+4.028e+003	-0.000e+000	-0.000e+000	-0.000e+000
846	2	+8.597e+002	-2.357e+003	+5.103e+003	-0.000e+000	-0.000e+000	-0.000e+000
846	3	+6.613e+002	-1.813e+003	+3.925e+003	-0.000e+000	-0.000e+000	-0.000e+000
846	4	+6.613e+002	-1.813e+003	+3.925e+003	-0.000e+000	-0.000e+000	-0.000e+000
846	5	+6.613e+002	-1.813e+003	+3.925e+003	-0.000e+000	-0.000e+000	-0.000e+000

TABELLA INVILUPPI REAZIONI VINCOLARI

FORZE / MOMENTI ELEMENTO FINITO PLINTO - VINCOLO (EX+I*EY)

“ RELAZIONE DI CALCOLO ”

GRUPPO: 1 - DESCRIZIONE: CERNIERA SFERICA

Nodo	FX	FY	FZ	MX	MY	MZ
1	+2.72e+003	+5.85e+002	+9.07e+002	+0.00e+000	+0.00e+000	+0.00e+000
2	+2.33e+003	+3.60e+002	+5.32e+002	+0.00e+000	+0.00e+000	+0.00e+000
3	+2.11e+003	+2.78e+002	+5.46e+001	+0.00e+000	+0.00e+000	+0.00e+000
4	+2.33e+003	+3.60e+002	+5.32e+002	+0.00e+000	+0.00e+000	+0.00e+000
5	+2.72e+003	+5.85e+002	+9.07e+002	+0.00e+000	+0.00e+000	+0.00e+000
6	+7.45e+003	+2.74e+003	+8.01e+003	+0.00e+000	+0.00e+000	+0.00e+000
9	+1.33e+003	+3.07e+003	+9.08e+003	+0.00e+000	+0.00e+000	+0.00e+000
10	+1.33e+003	+3.07e+003	+9.08e+003	+0.00e+000	+0.00e+000	+0.00e+000
13	+2.60e+003	+1.50e+003	+1.46e+003	+0.00e+000	+0.00e+000	+0.00e+000
53	+2.29e+003	+3.69e+002	+4.86e+002	+0.00e+000	+0.00e+000	+0.00e+000
59	+2.12e+003	+3.06e+002	+1.04e+002	+0.00e+000	+0.00e+000	+0.00e+000
64	+0.00e+000	+2.22e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
65	+2.38e+003	+3.51e+002	+5.76e+002	+0.00e+000	+0.00e+000	+0.00e+000
71	+2.60e+003	+1.50e+003	+1.46e+003	+0.00e+000	+0.00e+000	+0.00e+000
72	+2.12e+003	+9.23e+002	+5.79e+003	+0.00e+000	+0.00e+000	+0.00e+000
76	+0.00e+000	+4.35e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
77	+2.12e+003	+9.23e+002	+5.79e+003	+0.00e+000	+0.00e+000	+0.00e+000
78	+7.45e+003	+2.74e+003	+8.01e+003	+0.00e+000	+0.00e+000	+0.00e+000
82	+0.00e+000	+2.26e+004	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
85	+0.00e+000	+3.02e+004	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
95	+2.83e+003	+3.60e+002	+7.93e+002	+0.00e+000	+0.00e+000	+0.00e+000
100	+0.00e+000	+4.35e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
103	+0.00e+000	+2.26e+004	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
112	+0.00e+000	+3.02e+004	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
113	+9.66e+002	+2.55e+003	+7.95e+003	+0.00e+000	+0.00e+000	+0.00e+000
115	+8.48e+002	+2.82e+003	+2.96e+003	+0.00e+000	+0.00e+000	+0.00e+000
120	+9.72e+002	+2.91e+003	+2.99e+003	+0.00e+000	+0.00e+000	+0.00e+000
161	+2.18e+003	+3.79e+002	+2.96e+002	+0.00e+000	+0.00e+000	+0.00e+000
162	+2.16e+003	+3.68e+002	+2.48e+002	+0.00e+000	+0.00e+000	+0.00e+000
173	+2.26e+003	+3.76e+002	+4.39e+002	+0.00e+000	+0.00e+000	+0.00e+000
174	+2.23e+003	+3.82e+002	+3.91e+002	+0.00e+000	+0.00e+000	+0.00e+000
183	+0.00e+000	+2.66e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
190	+0.00e+000	+2.70e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
191	+2.18e+003	+3.79e+002	+2.96e+002	+0.00e+000	+0.00e+000	+0.00e+000
192	+2.20e+003	+3.83e+002	+3.43e+002	+0.00e+000	+0.00e+000	+0.00e+000
203	+2.12e+003	+3.32e+002	+1.52e+002	+0.00e+000	+0.00e+000	+0.00e+000
204	+2.14e+003	+3.53e+002	+2.00e+002	+0.00e+000	+0.00e+000	+0.00e+000
221	+2.57e+003	+3.35e+002	+7.19e+002	+0.00e+000	+0.00e+000	+0.00e+000
222	+2.64e+003	+3.36e+002	+7.41e+002	+0.00e+000	+0.00e+000	+0.00e+000
233	+2.41e+003	+3.43e+002	+6.19e+002	+0.00e+000	+0.00e+000	+0.00e+000
234	+2.46e+003	+3.38e+002	+6.57e+002	+0.00e+000	+0.00e+000	+0.00e+000
243	+0.00e+000	+2.80e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
250	+0.00e+000	+2.84e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
277	+1.18e+003	+9.45e+002	+5.05e+003	+0.00e+000	+0.00e+000	+0.00e+000
279	+1.27e+003	+1.16e+003	+3.63e+003	+0.00e+000	+0.00e+000	+0.00e+000
281	+1.40e+003	+1.26e+003	+3.83e+003	+0.00e+000	+0.00e+000	+0.00e+000
318	+2.52e+003	+2.53e+003	+2.98e+003	+0.00e+000	+0.00e+000	+0.00e+000
320	+2.61e+003	+2.38e+003	+1.63e+003	+0.00e+000	+0.00e+000	+0.00e+000
322	+2.59e+003	+2.17e+003	+1.23e+003	+0.00e+000	+0.00e+000	+0.00e+000
335	+2.57e+003	+3.35e+002	+7.19e+002	+0.00e+000	+0.00e+000	+0.00e+000
336	+2.51e+003	+3.36e+002	+6.91e+002	+0.00e+000	+0.00e+000	+0.00e+000
347	+2.77e+003	+3.45e+002	+7.61e+002	+0.00e+000	+0.00e+000	+0.00e+000
348	+2.70e+003	+3.41e+002	+7.54e+002	+0.00e+000	+0.00e+000	+0.00e+000
377	+2.70e+003	+9.23e+002	+8.87e+002	+0.00e+000	+0.00e+000	+0.00e+000
379	+2.67e+003	+8.38e+002	+7.40e+002	+0.00e+000	+0.00e+000	+0.00e+000
381	+2.61e+003	+8.12e+002	+7.37e+002	+0.00e+000	+0.00e+000	+0.00e+000
395	+2.61e+003	+8.12e+002	+7.37e+002	+0.00e+000	+0.00e+000	+0.00e+000
397	+2.67e+003	+8.38e+002	+7.40e+002	+0.00e+000	+0.00e+000	+0.00e+000

“ RELAZIONE DI CALCOLO ”

Nodo	FX	FY	FZ	MX	MY	MZ
399	+2.70e+003	+9.23e+002	+8.87e+002	+0.00e+000	+0.00e+000	+0.00e+000
412	+2.59e+003	+2.17e+003	+1.23e+003	+0.00e+000	+0.00e+000	+0.00e+000
418	+2.61e+003	+2.38e+003	+1.63e+003	+0.00e+000	+0.00e+000	+0.00e+000
430	+2.52e+003	+2.53e+003	+2.98e+003	+0.00e+000	+0.00e+000	+0.00e+000
441	+1.40e+003	+1.26e+003	+3.83e+003	+0.00e+000	+0.00e+000	+0.00e+000
537	+2.14e+003	+3.53e+002	+2.00e+002	+0.00e+000	+0.00e+000	+0.00e+000
538	+2.12e+003	+3.32e+002	+1.52e+002	+0.00e+000	+0.00e+000	+0.00e+000
561	+2.20e+003	+3.83e+002	+3.43e+002	+0.00e+000	+0.00e+000	+0.00e+000
573	+2.23e+003	+3.82e+002	+3.91e+002	+0.00e+000	+0.00e+000	+0.00e+000
574	+2.26e+003	+3.76e+002	+4.39e+002	+0.00e+000	+0.00e+000	+0.00e+000
597	+2.16e+003	+3.68e+002	+2.48e+002	+0.00e+000	+0.00e+000	+0.00e+000
603	+0.00e+000	+2.70e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
608	+0.00e+000	+2.66e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
609	+2.70e+003	+3.41e+002	+7.54e+002	+0.00e+000	+0.00e+000	+0.00e+000
610	+2.77e+003	+3.45e+002	+7.61e+002	+0.00e+000	+0.00e+000	+0.00e+000
633	+2.51e+003	+3.36e+002	+6.91e+002	+0.00e+000	+0.00e+000	+0.00e+000
650	+1.27e+003	+1.16e+003	+3.63e+003	+0.00e+000	+0.00e+000	+0.00e+000
657	+1.18e+003	+9.45e+002	+5.05e+003	+0.00e+000	+0.00e+000	+0.00e+000
668	+9.72e+002	+2.91e+003	+2.99e+003	+0.00e+000	+0.00e+000	+0.00e+000
671	+2.46e+003	+3.38e+002	+6.57e+002	+0.00e+000	+0.00e+000	+0.00e+000
672	+2.41e+003	+3.43e+002	+6.19e+002	+0.00e+000	+0.00e+000	+0.00e+000
695	+2.64e+003	+3.36e+002	+7.41e+002	+0.00e+000	+0.00e+000	+0.00e+000
701	+0.00e+000	+2.84e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
706	+0.00e+000	+2.80e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
710	+8.48e+002	+2.82e+003	+2.97e+003	+0.00e+000	+0.00e+000	+0.00e+000
716	+9.67e+002	+2.55e+003	+7.95e+003	+0.00e+000	+0.00e+000	+0.00e+000
813	+2.12e+003	+3.06e+002	+1.04e+002	+0.00e+000	+0.00e+000	+0.00e+000
824	+2.29e+003	+3.69e+002	+4.86e+002	+0.00e+000	+0.00e+000	+0.00e+000
835	+2.83e+003	+3.60e+002	+7.93e+002	+0.00e+000	+0.00e+000	+0.00e+000
846	+2.38e+003	+3.51e+002	+5.76e+002	+0.00e+000	+0.00e+000	+0.00e+000

FORZE / MOMENTI ELEMENTO FINITO PLINTO - VINCOLO (I*EX+EY)

GRUPPO: 1 - DESCRIZIONE: CERNIERA SFERICA

Nodo	FX	FY	FZ	MX	MY	MZ
1	+1.28e+003	+7.28e+002	+1.01e+003	+0.00e+000	+0.00e+000	+0.00e+000
2	+9.07e+002	+9.31e+002	+3.53e+002	+0.00e+000	+0.00e+000	+0.00e+000
3	+6.33e+002	+9.28e+002	+1.82e+002	+0.00e+000	+0.00e+000	+0.00e+000
4	+9.07e+002	+9.31e+002	+3.53e+002	+0.00e+000	+0.00e+000	+0.00e+000
5	+1.28e+003	+7.28e+002	+1.01e+003	+0.00e+000	+0.00e+000	+0.00e+000
6	+3.38e+003	+1.35e+003	+4.06e+003	+0.00e+000	+0.00e+000	+0.00e+000
9	+5.91e+002	+1.54e+003	+4.10e+003	+0.00e+000	+0.00e+000	+0.00e+000
10	+5.91e+002	+1.54e+003	+4.10e+003	+0.00e+000	+0.00e+000	+0.00e+000
13	+1.18e+003	+8.67e+002	+1.10e+003	+0.00e+000	+0.00e+000	+0.00e+000
53	+8.75e+002	+9.41e+002	+3.27e+002	+0.00e+000	+0.00e+000	+0.00e+000
59	+6.56e+002	+9.37e+002	+1.97e+002	+0.00e+000	+0.00e+000	+0.00e+000
64	+0.00e+000	+7.41e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
65	+9.43e+002	+9.19e+002	+3.83e+002	+0.00e+000	+0.00e+000	+0.00e+000
71	+1.18e+003	+8.67e+002	+1.10e+003	+0.00e+000	+0.00e+000	+0.00e+000
72	+9.91e+002	+5.40e+002	+2.57e+003	+0.00e+000	+0.00e+000	+0.00e+000
76	+0.00e+000	+5.88e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
77	+9.91e+002	+5.40e+002	+2.57e+003	+0.00e+000	+0.00e+000	+0.00e+000
78	+3.38e+003	+1.35e+003	+4.06e+003	+0.00e+000	+0.00e+000	+0.00e+000
82	+0.00e+000	+1.11e+004	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
85	+0.00e+000	+1.56e+004	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
95	+1.36e+003	+7.49e+002	+6.13e+002	+0.00e+000	+0.00e+000	+0.00e+000

“ RELAZIONE DI CALCOLO ”

Nodo	FX	FY	FZ	MX	MY	MZ
100	+0.00e+000	+5.88e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
103	+0.00e+000	+1.11e+004	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
112	+0.00e+000	+1.56e+004	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
113	+4.47e+002	+1.29e+003	+4.19e+003	+0.00e+000	+0.00e+000	+0.00e+000
115	+3.89e+002	+1.43e+003	+1.88e+003	+0.00e+000	+0.00e+000	+0.00e+000
120	+4.34e+002	+1.48e+003	+1.62e+003	+0.00e+000	+0.00e+000	+0.00e+000
161	+7.60e+002	+9.54e+002	+2.49e+002	+0.00e+000	+0.00e+000	+0.00e+000
162	+7.31e+002	+9.50e+002	+2.36e+002	+0.00e+000	+0.00e+000	+0.00e+000
173	+8.46e+002	+9.47e+002	+3.03e+002	+0.00e+000	+0.00e+000	+0.00e+000
174	+8.15e+002	+9.53e+002	+2.81e+002	+0.00e+000	+0.00e+000	+0.00e+000
183	+0.00e+000	+7.14e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
190	+0.00e+000	+6.69e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
191	+7.60e+002	+9.54e+002	+2.49e+002	+0.00e+000	+0.00e+000	+0.00e+000
192	+7.86e+002	+9.55e+002	+2.64e+002	+0.00e+000	+0.00e+000	+0.00e+000
203	+6.79e+002	+9.44e+002	+2.09e+002	+0.00e+000	+0.00e+000	+0.00e+000
204	+7.06e+002	+9.49e+002	+2.23e+002	+0.00e+000	+0.00e+000	+0.00e+000
221	+1.11e+003	+8.61e+002	+4.89e+002	+0.00e+000	+0.00e+000	+0.00e+000
222	+1.17e+003	+8.43e+002	+5.01e+002	+0.00e+000	+0.00e+000	+0.00e+000
233	+9.77e+002	+9.04e+002	+4.13e+002	+0.00e+000	+0.00e+000	+0.00e+000
234	+1.02e+003	+8.90e+002	+4.43e+002	+0.00e+000	+0.00e+000	+0.00e+000
243	+0.00e+000	+6.97e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
250	+0.00e+000	+7.00e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
277	+5.28e+002	+7.04e+002	+2.29e+003	+0.00e+000	+0.00e+000	+0.00e+000
279	+5.79e+002	+8.16e+002	+1.63e+003	+0.00e+000	+0.00e+000	+0.00e+000
281	+6.56e+002	+8.57e+002	+1.68e+003	+0.00e+000	+0.00e+000	+0.00e+000
318	+1.12e+003	+1.21e+003	+1.30e+003	+0.00e+000	+0.00e+000	+0.00e+000
320	+1.17e+003	+1.23e+003	+7.29e+002	+0.00e+000	+0.00e+000	+0.00e+000
322	+1.18e+003	+1.21e+003	+6.15e+002	+0.00e+000	+0.00e+000	+0.00e+000
335	+1.11e+003	+8.61e+002	+4.89e+002	+0.00e+000	+0.00e+000	+0.00e+000
336	+1.06e+003	+8.77e+002	+4.69e+002	+0.00e+000	+0.00e+000	+0.00e+000
347	+1.31e+003	+7.95e+002	+5.09e+002	+0.00e+000	+0.00e+000	+0.00e+000
348	+1.24e+003	+8.23e+002	+5.05e+002	+0.00e+000	+0.00e+000	+0.00e+000
377	+1.24e+003	+6.82e+002	+5.47e+002	+0.00e+000	+0.00e+000	+0.00e+000
379	+1.22e+003	+7.23e+002	+4.37e+002	+0.00e+000	+0.00e+000	+0.00e+000
381	+1.19e+003	+7.57e+002	+5.37e+002	+0.00e+000	+0.00e+000	+0.00e+000
395	+1.19e+003	+7.57e+002	+5.37e+002	+0.00e+000	+0.00e+000	+0.00e+000
397	+1.22e+003	+7.23e+002	+4.37e+002	+0.00e+000	+0.00e+000	+0.00e+000
399	+1.24e+003	+6.82e+002	+5.47e+002	+0.00e+000	+0.00e+000	+0.00e+000
412	+1.18e+003	+1.21e+003	+6.15e+002	+0.00e+000	+0.00e+000	+0.00e+000
418	+1.17e+003	+1.23e+003	+7.29e+002	+0.00e+000	+0.00e+000	+0.00e+000
430	+1.12e+003	+1.21e+003	+1.30e+003	+0.00e+000	+0.00e+000	+0.00e+000
441	+6.56e+002	+8.57e+002	+1.68e+003	+0.00e+000	+0.00e+000	+0.00e+000
537	+7.06e+002	+9.49e+002	+2.23e+002	+0.00e+000	+0.00e+000	+0.00e+000
538	+6.79e+002	+9.44e+002	+2.09e+002	+0.00e+000	+0.00e+000	+0.00e+000
561	+7.86e+002	+9.55e+002	+2.64e+002	+0.00e+000	+0.00e+000	+0.00e+000
573	+8.15e+002	+9.53e+002	+2.81e+002	+0.00e+000	+0.00e+000	+0.00e+000
574	+8.46e+002	+9.47e+002	+3.03e+002	+0.00e+000	+0.00e+000	+0.00e+000
597	+7.32e+002	+9.50e+002	+2.36e+002	+0.00e+000	+0.00e+000	+0.00e+000
603	+0.00e+000	+6.69e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
608	+0.00e+000	+7.14e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
609	+1.24e+003	+8.23e+002	+5.05e+002	+0.00e+000	+0.00e+000	+0.00e+000
610	+1.31e+003	+7.95e+002	+5.09e+002	+0.00e+000	+0.00e+000	+0.00e+000
633	+1.06e+003	+8.77e+002	+4.69e+002	+0.00e+000	+0.00e+000	+0.00e+000
650	+5.79e+002	+8.16e+002	+1.63e+003	+0.00e+000	+0.00e+000	+0.00e+000
657	+5.28e+002	+7.04e+002	+2.29e+003	+0.00e+000	+0.00e+000	+0.00e+000
668	+4.35e+002	+1.48e+003	+1.62e+003	+0.00e+000	+0.00e+000	+0.00e+000
671	+1.02e+003	+8.90e+002	+4.43e+002	+0.00e+000	+0.00e+000	+0.00e+000
672	+9.77e+002	+9.04e+002	+4.13e+002	+0.00e+000	+0.00e+000	+0.00e+000
695	+1.17e+003	+8.43e+002	+5.01e+002	+0.00e+000	+0.00e+000	+0.00e+000
701	+0.00e+000	+7.00e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000

“ RELAZIONE DI CALCOLO ”

Nodo	FX	FY	FZ	MX	MY	MZ
706	+0.00e+000	+6.97e+003	+0.00e+000	+0.00e+000	+0.00e+000	+0.00e+000
710	+3.89e+002	+1.43e+003	+1.88e+003	+0.00e+000	+0.00e+000	+0.00e+000
716	+4.48e+002	+1.29e+003	+4.19e+003	+0.00e+000	+0.00e+000	+0.00e+000
813	+6.56e+002	+9.37e+002	+1.97e+002	+0.00e+000	+0.00e+000	+0.00e+000
824	+8.75e+002	+9.41e+002	+3.27e+002	+0.00e+000	+0.00e+000	+0.00e+000
835	+1.36e+003	+7.49e+002	+6.13e+002	+0.00e+000	+0.00e+000	+0.00e+000
846	+9.43e+002	+9.19e+002	+3.83e+002	+0.00e+000	+0.00e+000	+0.00e+000

MASSIME DEFORMAZIONI NODALI/ NODI CORRISPONDENTI

Traslaz.X	Traslaz.Y	Traslaz.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
+1.69e-002	+3.17e-003	+6.25e-004	+3.13e-002	+4.37e-003	+4.90e-003	+1.72e-002
Nodo: 32	Nodo: 32	Nodo: 32	Nodo: 7	Nodo: 7	Nodo: 729	Nodo: 32

MASSIME DEFORMAZIONI NODALI/ NODI CORRISPONDENTI

Traslaz.X	Traslaz.Y	Traslaz.Z	Rotaz.X	Rotaz.Y	Rotaz.Z	DLMax
+7.66e-003	+1.47e-003	+3.34e-004	+1.44e-002	+1.98e-003	+2.22e-003	+7.80e-003
Nodo: 32	Nodo: 32	Nodo: 32	Nodo: 7	Nodo: 7	Nodo: 729	Nodo: 32

“ RELAZIONE DI CALCOLO ”

● **VERIFICA ARPIONATURA DEL PARAMENTO (CATENE)**

Il tirante è stato calcolato seguendo le prescrizioni delle vigenti normative (D.M. 14/01/2008 e Circolare 617/2009)

Dati**Dati relativi al cavo**

Tipo di sezione: Circolare
 Lunghezza del cavo: 200 cm
 Diametro del cavo: 16 mm

Dati relativi al capochiave

Tipo di sezione: Sez.Quadrata equivalente alla ns. sezione ellittica
 Lato orizzontale: 32 cm
 Lato verticale: 32 cm
 Spessore della piastra: 10 mm
 Spessore della nervatura: 10 mm
 Altezza della nervatura: 50 mm
 n° di tiranti: 1

Dati relativi alla muratura

Spessore: 65 cm
 Tensione media: 0.30 daN/cm²

Materiali**Muratura**

Tipo muratura: Mattoni pieni e malta di calce
 Livello di conoscenza: LC1
 Qualità: Connessione trasversale
 Coefficiente correttivo: 1.30
 Coefficiente di sicurezza: 2.00
 Fattore di confidenza: 1.35

Parametri di calcolo della muratura

E [daN/cm ²]	G [daN/cm ²]	fd [daN/cm ²]	fvd0 [daN/cm ²]	ftd [daN/cm ²]	w [daN/mc]
15000	5000	11.556	0.289	0.433	1800

“ RELAZIONE DI CALCOLO ”

Acciaio

Parametri di calcolo dell'acciaio							
Cavo				Capochiave			
E [daN/cm ²]	f _y [daN/cm ²]	Peso specifico [daN/mc]	deformazione limite [%]	E [daN/cm ²]	f _y [daN/cm ²]	Peso specifico [daN/mc]	deformazione limite [%]
2100000	2350	7850	1.00	2100000	2350	7850	1.00

Risultati

Resistenza del tirante

La resistenza del tirante si ottiene dalla resistenza minima del cavo, della muratura (punzonamento) e della chiave.

Resistenza del tirante			
Resistenza del cavo [daN]	Resistenza della muratura (punzonamento) [daN]	Resistenza della chiave [daN]	
4725	8799	5501	

Il tirante resiste per una forza di trazione pari a 4725 daN. Dai risultati si evince che la rottura è duttile.

Deformabilità del tirante

La rottura del tirante è di tipo duttile per cui il cavo è in fase plastica. Il valore della deformazione è 2.00 cm.

Tensione raggiunta nel tirante

Tensione massima raggiunta			
Cavo		Capochiave	
Tensione normale [daN/cm ²]	Tensione normale [daN/cm ²]	Tensione tangenziale [daN/cm ²]	Tensione ideale [daN/cm ²]
2350	1746	584	2017